PROJECT REPORT

ON

ERP Application for Food and Beverages

BY

Mr. Mayur Shridhar Balkundikar

MCA-III SEM-VI

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY

MASTER OF COMPUTER APPLICATION

MES's INSTITUTE OF MANAGEMENT AND

CAREER COURSES, PUNE

2017-2020

Global Hub Technology
Solution Anytime

Office Address- 02nd Floor, Near Yashshri Garden, Karvenagar Pune. Pin- 411 052.

Web- www.globalhubtechnosys.com

REF: Spon-INT0416-2020 **Date: 30/03/2020**

INTERNSHIP LETTER

This is to certify that **Mr. Mayur Shridhar Balkundikar** student of MCA from **"MES Institute of Management and Career Courses, Pune"** has been completed Internship on **"ERP Application for Food and Beverages"** as a partial fulfillment of requirement towards Final Year of their MCA project.

University Name- Savitribai Phule Pune University.

Duration- 18th Dec 2019 to 17th June 2020

Branch- MCA

Technology- Java

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131, Mayur Colony, Kothrud, Pune 411 038.

Tel. +91-20-25466271, 25463453 • E-mail: director.imcc@mespune.in

DR. SANTOSH DESHPANDE
Director
Web Site: https://imcc.mespune.in

Ref. No : MCA/Project/023/2020-21

Date : 14/09/2020

CERTIFICATE

This is to certify that the Project Report entitled ***"ERP Application for Food and Beverages"*** is prepared by ***Mayur Balkundikar ,*** a student of ***M.C.A.*** Course for the Academic Year 2019-20 at M.E.Society's Institute of Management & Career Courses (IMCC), Pune - 411 038. M.C.A Course is affiliated to Savitribai Phule Pune University.

To the best of our knowledge, this is original study done by the said student and important sources used by him have been duly acknowledged in this report.

The report is submitted in partial fulfillment of M.C.A. Course for the Academic Year 2019-20 as per the rules & prescribed guidelines of Savitribai Phule Pune University.

Dr. Ravindra Vaidya
Department of MCA, IMCC

Dr. Santosh Deshpande HOD,
Director, IMCC

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I am obliged to staff members of MES'S I.M.C.C. College for the valuable information provided by them in their respective fields. I am grateful for their respective fields. I am grateful for their cooperation during the period of my assignment.

Finally, I am extremely thankful to my parents, classmates, teaching and non-teaching staff for their kind and whole cooperation.

Mayur S. Balkundikar

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CHAPTER 1

INTRODUCTION

1.1 Company Profile

Global Hub Technology
Solution Anytime

Global Hub Technology is a leader in Software Development and empowers IT individuals with competitive advantage. Global Hub Technology dedicates itself to simplify the technology trends with its great R&D Division. Global Hub Technology is an Indian Software Development Company. A rapidly growing software company with a team of experienced intellectuals working in various technologies. It deals with Product and Service based applications in all major areas. We are committed to the qualitative, efficiency, innovativeness and timeliness of our deliverables with high focus on maximum customer satisfaction. **Global Hub Technology** is a high end full service IT solution Company based in India. Established in 2012, we are pioneer in providing total offshore and onshore web based solutions for small

to large corporate companies. Global Hub Technology provides IT services to clients globally as partners to conceptualize and realize technology driven business transformation initiatives. Today we are comprised of a team of programming technicians, designers, and marketing executives- selectively chosen to lead our clients in their IT solutions. Global Hub Technology has grown from strength to strength in both our Business and Software Solutions arena. From our IT Consulting as well as Custom Application Development, Web Development and E-commerce all of which help our customers with their diverse yet demanding needs. We are geared towards generating business value to the companies by providing expertise personnel and software services.

Our Vision

"To Provide Quality performances and to develop success path for every industry's growth and progress."

Our Mission

"To provide soft solutions for each and every problem to achieve the goal of organization."

Our Value

We at Global Hub Technology aim and are continuously approaching towards customer satisfaction and create a value to customer along with yielding knowledge for us by maintaining a motivated workforce.

Our Services

Global Hub Technology provides various Software Development services to the clients located worldwide in order to rationalize their business processes and e-enabling their business. We, at Global Hub Technology strongly believe that technology is a true business enhancer and you should not implement technology for the sake of it. That's why; we help you make best use of information technology. With the use of our services such as application development,

application migration and application maintenance for your existing applications, you can formulate the best possible use of technology. We are a team of professional organization teamed by competent, committed, qualified and experienced personnel in various field. With the help of our commitment to professionalism and excellence. The programmers we design are developed to meet specific organizational needs. We provide a service that provides clients with value for each rupee invested. So feel free to come forward and avail the opportunity of getting reasonably priced consultancy services from us.

IT PROVIDES THE FOLLOWING SERVICES TO THE CLIENTS:-

- Data Warehousing and Data Mitigation
- Data Migration
- Software Development
- SAP
- Cloud Sales Force
- High Availability

- Internet of Things
- Java Technology

Address-

02nd Floor, Near Yashshri Garden, Karvenagar Pune. Pin- 411 052.

Contact Person- Miss. Sneha Marathe

Mob- 9579670950

Web- www.globalhubtechnosys.com

1.2 Existing System and Need for System

1. In existing System shopping done in going in actual market, so time and cost are increased.
2. In existing System shopping done in traditional way.
3. Traditional transactions are limited in terms of how many people can be reached at a single time.
4. Flipkart and ebay is the shopping site but they cannot provide facility for adding new product on site for any business parties.

Need for System

This **Annapurna ECW Integrated System** Application is developed in JAVA for online shopping purpose. This website is useful for customer, Dealer and employee. Customer is able to register and login into system. Customer is able to purchase product from this website he have a facility to pay amount online. Customer can create his

shopping cart and manage his cart. Customer can also post his complaints on to the portal. Customer also facilities like wish list management, view order detail, order tracking, view shopping history, etc. In this website Dealer is able to add his product on shopping portal. Also able to view order details of customers. Dealer can select and purchase the package for adding product on website. Package contains number of items added on portal and validity of package. Dealer can view his account balance at any time. He can also able to track customer order and manage discount offers. Admin is able to view and control other user of the system. He is able to add new category on website. Also he/she able to remove, blocks any user. He is able to manage package and security question on the portal. Also he can add new location or area in to the system. Employee on this portal is useful for providing support to customer for his order status and any other purpose. He can solve the query posted by customer. Also able to view orders and feedback of customer. Admin, Dealer, customer and employee able to view various report like invoice of

order, total number of customer registration, total product sale, total Dealer registration, etc.

1.3 Scope of the system

1. In this system you can able to purchase product at any time, place.
2. Online stores must describe products for sale with text, photos, and multimedia files.
3. One advantage of shopping online is being able to quickly seek out deals for items or services with many different vendors.
4. Choose products faster and easier at one place.
5. Alerts and real time reporting through Emails (to both vendor as well as buyer).
6. Reports generated can be saved for future references.
7. Inventory reports for the vendor/seller on daily, monthly, yearly basis.
8. Good/Trusted & Tension free delivery services.
9. Reduced search costs for consumers & Lower market entry costs for merchants.

10. Becomes simpler, faster, with more accurate price discovery.

1.4 Operating Environment Hardware and Software

1.4.1 Operational Environments

Hardware Requirements:

- **Server side :-**

RAM	4 GB
Hard Disk	60 GB and Above.

- **Client side :-**

RAM	Minimum 2 GB
Hard Disk	Minimum 80 GB
Processor	Dual Core or above

Software Requirements:

- **Server side :-**

Operating system	Linux/Windows
Processor	Core 2 Duo
Software	Web Server, JDK 1.7 , Html5,Css3 Oracle 10g

- **Client side :-**

Development Technologies	JDK 1.7
Development Tools	NetBeans 7.4
Application Server	Apache Tomcat
Database	MySql
Operating System	Windows 7 and above
Web Browser	Google chrome, Mozilla Firefox
Hardware	P-IV or +, 1 GB RAM, 80 GB HDD
Supporting Technologies	Ajax,Jquery,JavaScript.

1.5 Detail Description of Technology Used

Java is a programming language and computing platform first released by Sun Microsystems in 1995. There are lots of applications and websites that will not work unless you have Java installed, and more are created every day. Java is fast, secure, and reliable. From laptops to datacenters, game consoles to scientific supercomputers, cell phones to the Internet, Java is everywhere!

- **JSP in the servlet container**

JSP pages must be deployed inside a Java servlet container. In order to deploy a Java web application based on JSP and servlets, you will package your .jsp files, Java code, and application metadata in a .war file, which is a simple .zip file with a conventional structure for web applications.

- **MVC in JSP**

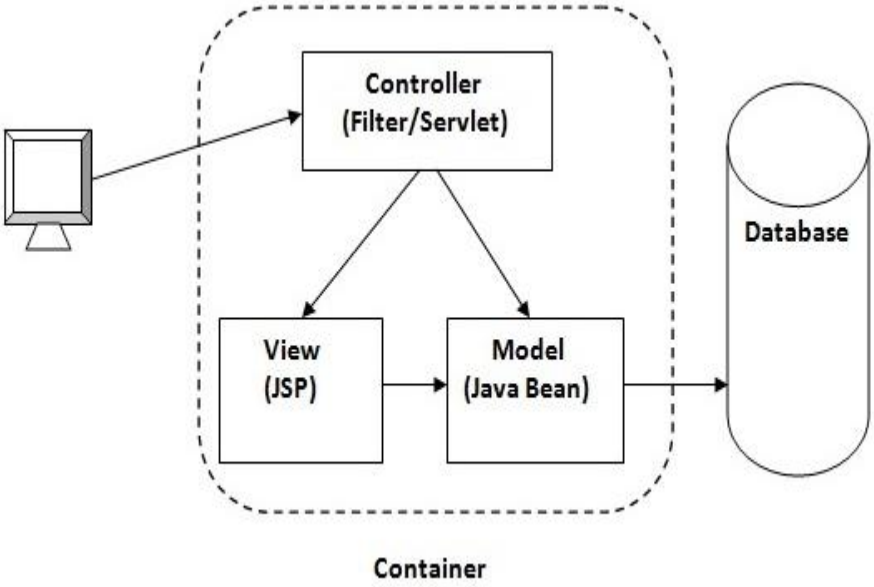
MVC stands for Model View and Controller. It is a design pattern that separates the business logic, presentation logic and data. Controller acts as an interface between View and Model. Controller intercepts all the incoming requests.

Model represents the state of the application i.e. data. It can also have business logic.

View represents the presentation i.e. UI (User Interface).

Advantage of MVC (Model 2) Architecture

1. Navigation Control is centralized
2. Easy to maintain the large application



In the Web Development field, Model-View-Controller is one of the most talked-about design patterns in the web programming world today. MVC Architecture was initially included in the two major web development frameworks – Struts and Ruby on Rails. In this article, let's explore a little bit about MVC Architecture in Java.

The topics that will be covered in this article are as follows:

- What is MVC Architecture in Java?

- Advantages of MVC Architecture
- Demo: Implementation of MVC using Java

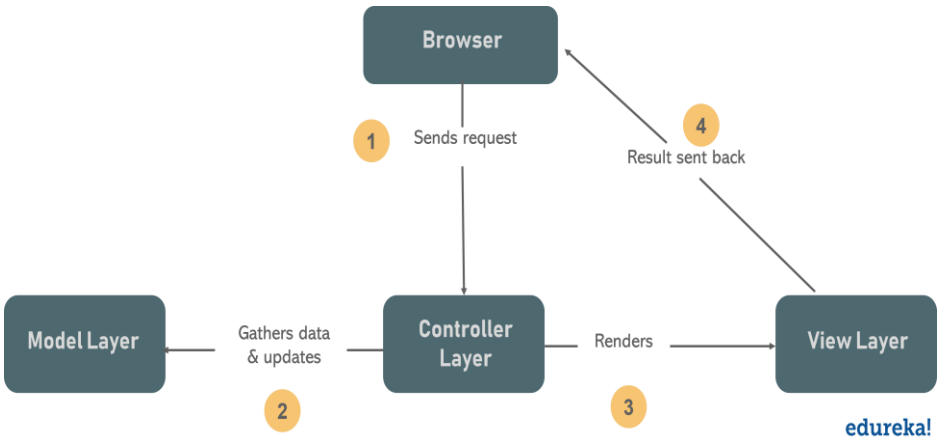
Before we actually get into the technicalities of MVC Architecture, there are certain concepts that you need to know.

- Design Pattern, in software engineering, is a technique to solve a commonly occurring problem when designing software.
- Designing Model, specifies what type of architecture you use to solve the problem or design the model.
- There are two types of design models: Model 1 Architecture, Model 2(MVC) Architecture.
- **What is MVC Architecture in Java?**

Model designs based on MVC architecture follow the MVC design pattern and they separate the application logic from the user interface when designing software. As the name implies MVC pattern has three layers, which are:

- Model – Represents the business layer of the application

- View – Defines the presentation of the application
- Controller – Manages the flow of the application



In Java Programming context, the Model consists of simple Java classes, the View displays the data and the Controller consists of servlets. This separation results in user requests being processed as follows:

1. The browser on the client sends a request for a page to the controller present on the server
2. The controller performs the action of invoking the model, thereby, retrieving the data it needs in response to the request
3. The controller then gives the retrieved data to the view

4. The view is rendered and sent back to the client for the browser to display

Separating a software application into these three distinct components is a good idea for a number of reasons. Let's take a look at what those are.

Advantages of MVC Architecture in Java

MVC architecture offers a lot of advantages for a programmer when developing applications, which include:

- Multiple developers can work with the three layers (Model, View, and Controller) simultaneously
- Offers improved scalability, that supplements the ability of the application to grow
- As components have a low dependency on each other, they are easy to maintain
- A model can be reused by multiple views which provides reusability of code

- Adoption of MVC makes an application more expressive and easy to understand
- Extending and testing of the application becomes easy

Now you know why the MVC is the most popular design patterns in the web programming world. But, if you are still struggling to get your head around the concept of MVC, don't worry.

Implementation of MVC using Java

To implement a web application based on MVC design pattern, we will create

- Course Class, which acts as the model layer
- Course View Class, which defines the presentation layer (view layer)
- Course Controller Class, which acts as a controller

The Model Layer

In the MVC design pattern, the model is the data layer which defines the business logic of the system and also represents the state of the application. The model objects retrieve and store the state of the model in a database. Through this layer, we apply rules to data, which eventually represents the concepts our application manages. Now, let's create a model using Course Class.

CHAPTER 2

PROPOSED SYSTEMS

2.1 Proposed System

In this proposed system-

- In this system you can able to purchase product at any time, place.
- Online stores must describe products for sale with text, photos, and multimedia files.
- One advantage of shopping online is being able to quickly seek out deals for items or services with many different vendors.
- Choose products faster and easier at one place.
- Alerts and real time reporting through Emails (to both vendor as well as buyer).
- Reports generated can be saved for future references.
- Inventory reports for the vendor/seller on daily, monthly, yearly basis.
- Good/Trusted & Tension free delivery services.
- Reduced search costs for consumers.

- Becomes simpler, faster, with more accurate price discovery
- Lower market entry costs for merchants

Problem Statements

Problem No 1:

The problem of	Data duplication
Affects	System.
The impact of which is	Same data gets repeated over and over since the workers find it hard to keep track of the documents, information and transactions.
A successful solution would	Annapurna ECW Integrated System application which helps to reduce the data duplication.

Problem No 2:

The problem of	Inconsistency of data
Affects	System.
The impact of which is	There will be unavailability for future use, since data might get misplaced during manual filing. So data won't be preserved properly for future use
A successful solution would	Annapurna ECW Integrated System application which helps to data consistency.

Problem No 3:

The problem of	Report generation.
Affects	Dealer.
The impact of which is	Reports are generated manually by Dealer which requires more time and efforts.
A successful solution would	By using this system Dealer can generate reports with different criteria's.

Problem No 4:

The problem of	Viewing reports.
Affects	Dealer.
The impact of which is	Reports are viewed by higher authority at month end only.
A successful solution would	By using this system, Dealer can view reports any time and immediately give remarks or suggestions.

2.2 Objectives of System

- To Maintain Ubiquity: It is available just about everywhere and at all times.
- To Maintain Global reach: The potential market size is roughly equal to the size of the online population of the world.
- To Maintain Universal standards: The technical standards of the Internet and therefore of conducting ecommerce, are shared by all of the nations in the world.
- Richness: Information that is complex and content-rich can be delivered without sacrificing reach.
- Interactivity: Annapurna ECW Integrated System technologies allow two-way communication between the merchant and the consumer.
- Information density: The total amount and quality of information available to all market participants is vastly increased and is cheaper to deliver.

- Personalization/Customization: Annapurna ECW Integrated System technologies enable merchants to target their marketing messages to a person's name, interests and past purchases. They allow a merchant to change the product or service to suit the purchasing behavior and preferences of a consumer.
- Social technology: User content generation and social networking technologies

2.3 User Requirements

2.3.1 Feature Set

- Payment Gateway.
- SEO (Search Engine Optimization).
- Review product
- Email notification of orders.
- Order tracking
- Report generation.

2.3.2 Non-functional requirement

- Availability : The system will be available 24*7*365
- Capacity: Any time you can use the system within a day and the system will able to generate same results each time.
- Throughput: The system performs the speedy operations and has very less throughput time.

- Security: Only users of the system can have the specified access to the system.

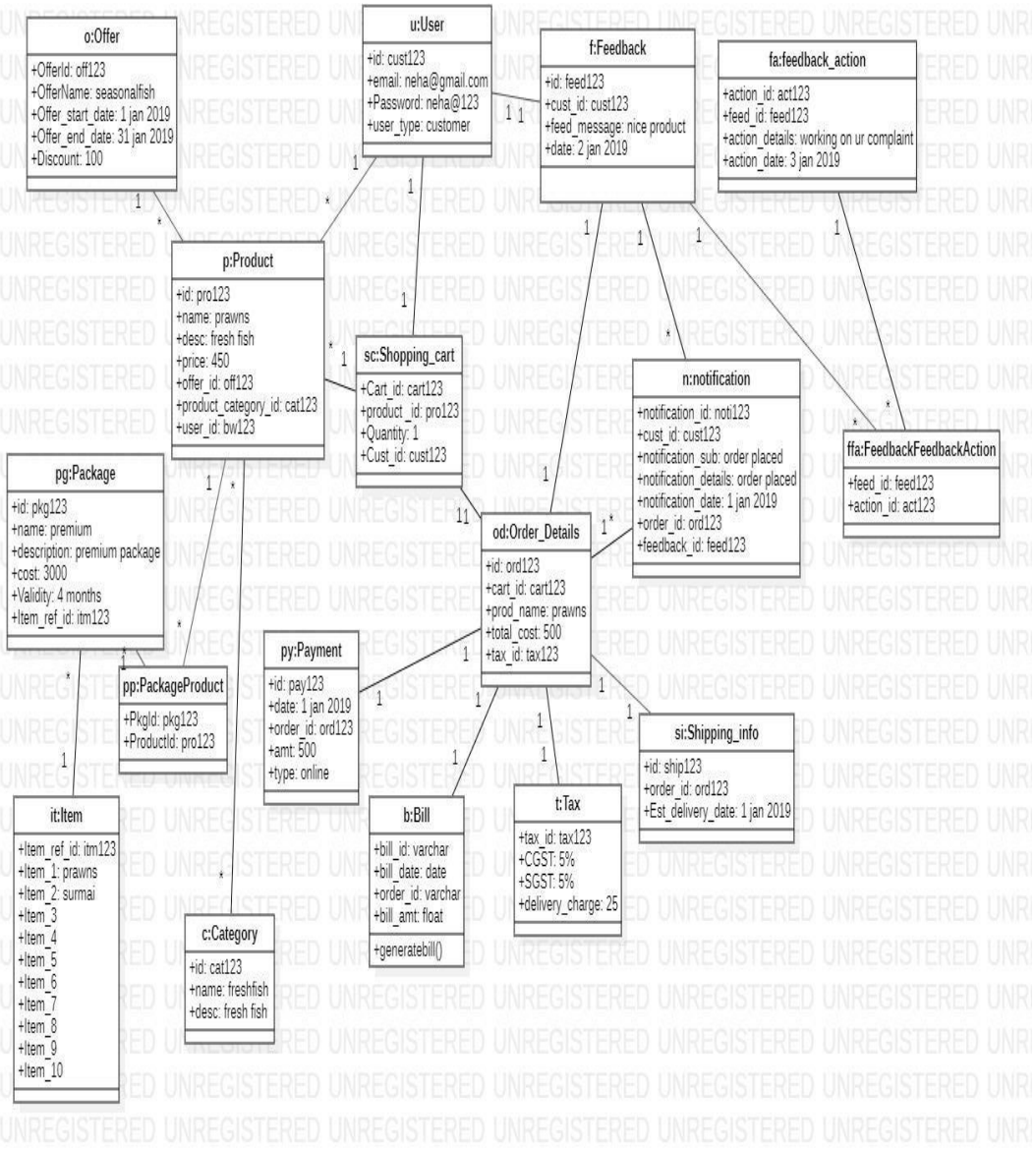
2.3.3 Stakeholder Summary

Name	Represents	Role
Admin	Admin is the person who provide login to Dealer.	Admin is the person who provide the login Id and password to Dealer.
Dealer	Dealer is person who represents their business.	Dealer is the person who can have all authority of launching his product.
Customer	Customer is user which purchase product online.	Customer is user he can able to purchase his product from website and also he can able to add his product on site.
Employee	Employee is the person who manage customer services	Employee is the person who manage customer services like view complaint and provide solution for that complaints
Developer & maintenance person	The person who developed the system & can do all changes according to requirements.	These people can develop system.

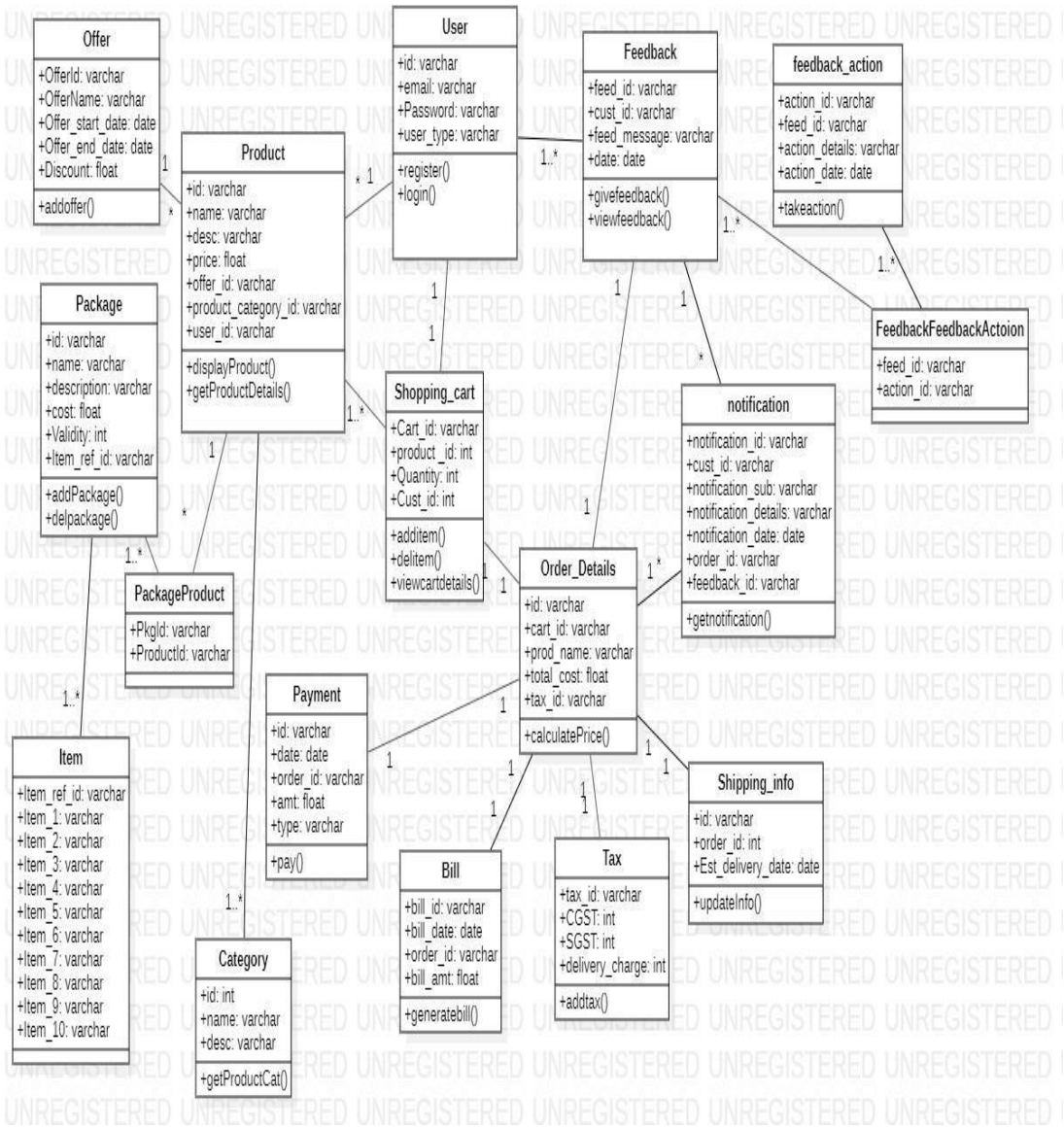
CHAPTER 3

ANALYSIS & DESIGN

3.1 Object Diagram



3.2 Class Diagram



3.3 Use Case Diagrams

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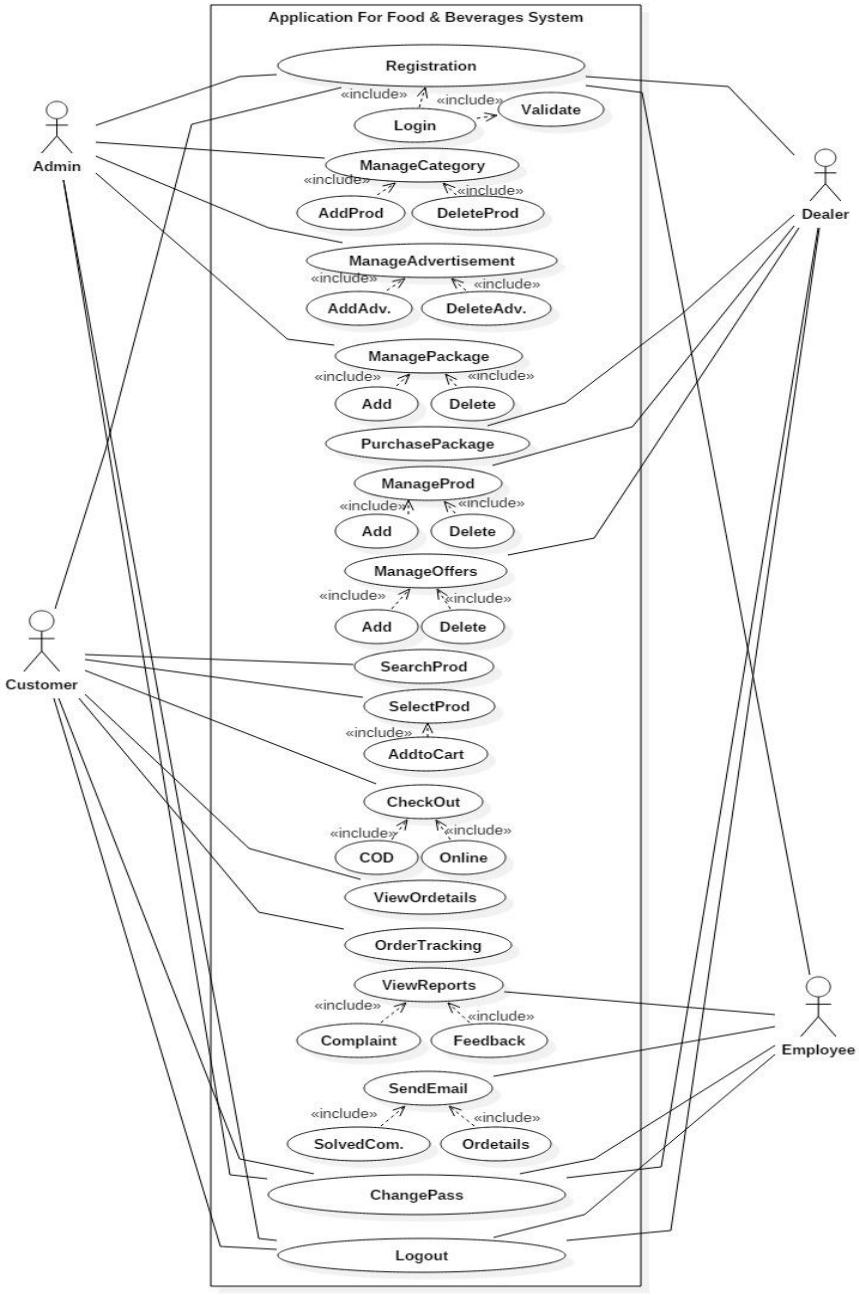
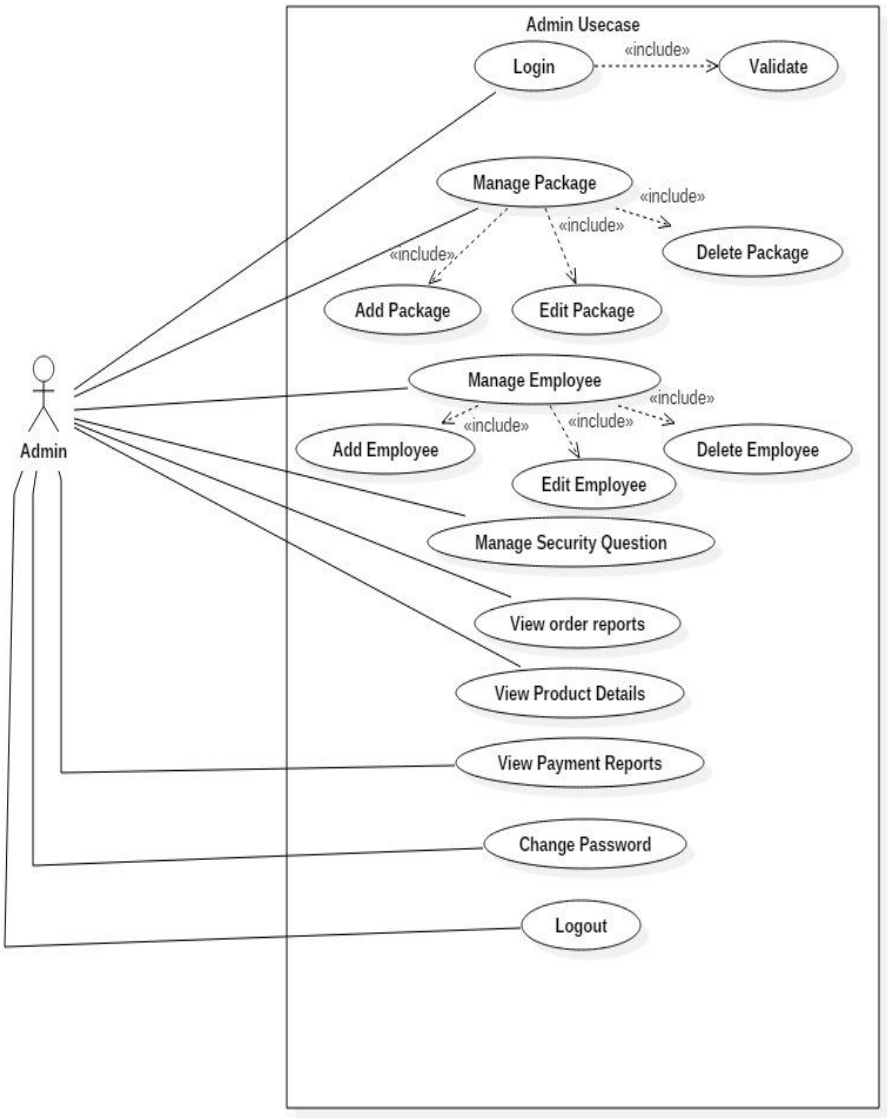
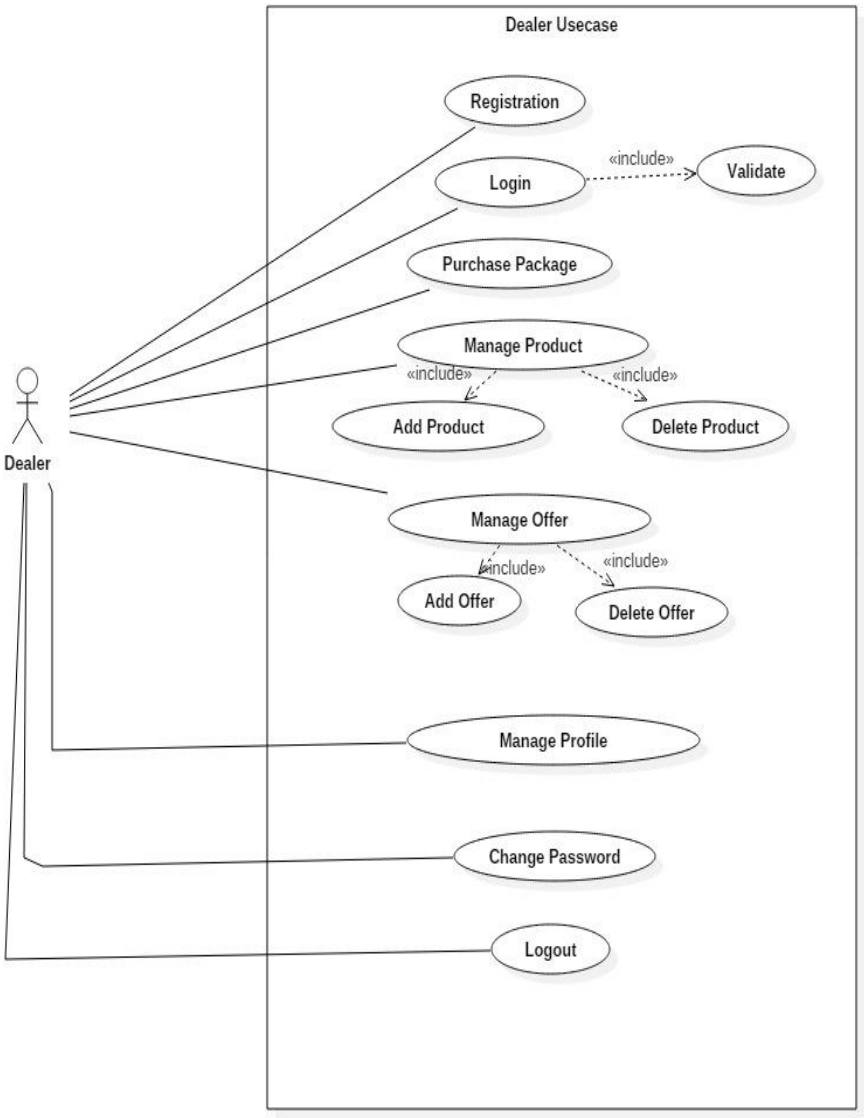
1) System Use Case Diagram


Application For Food & Beverages System
Registration
«include»
«include»
Validate
Login
Admin
ManageCategory
«include»
«include»
AddProd
DeleteProd
Dealer
ManageAdvertisement
«include»
«include»
AddAdv.
DeleteAdv.
ManagePackage
«include»
«include»
Add
Delete
PurchasePackage
ManageProd
«include»
«include»
Add
Delete
ManageOffers
«include»
«include»
Add
Delete
Customer
SearchProd
SelectProd
«include»
AddtoCart
CheckOut
«include»
«include»
COD
Online
ViewOrdetails
OrderTracking
ViewReports
«include»
«include»
Complaint
Feedback
Employee
SendEmail
«include»
«include»
SolvedCom.
Ordetails
ChangePass
Logout

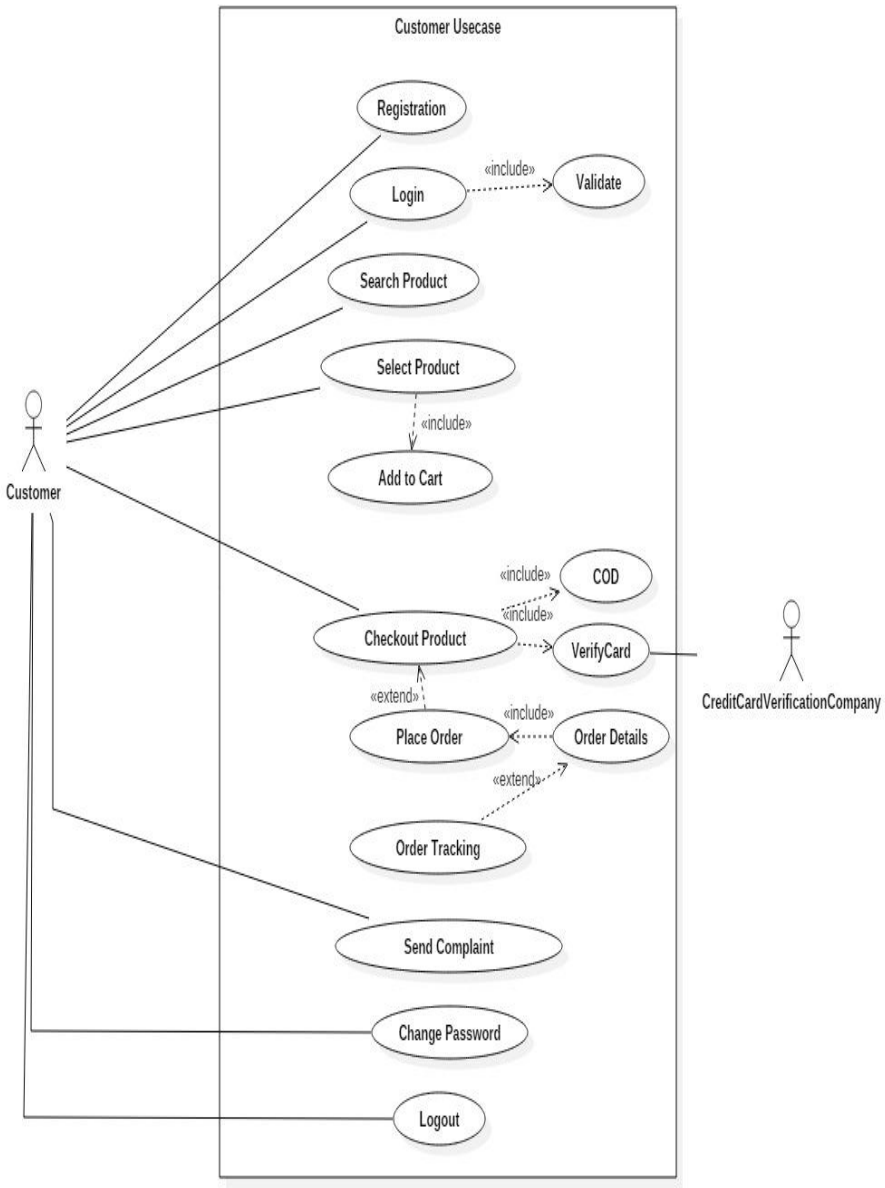
2) Admin


Admin Usecase
Login
«include»
Validate
Manage Package
«include»
«include»
Delete Package
«include»
Add Package
Edit Package
Admin
Manage Employee
«include»
«include»
«include»
Add Employee
Delete Employee
Edit Employee
Manage Security Question
View order reports
View Product Details
View Payment Reports
Change Password
Logout

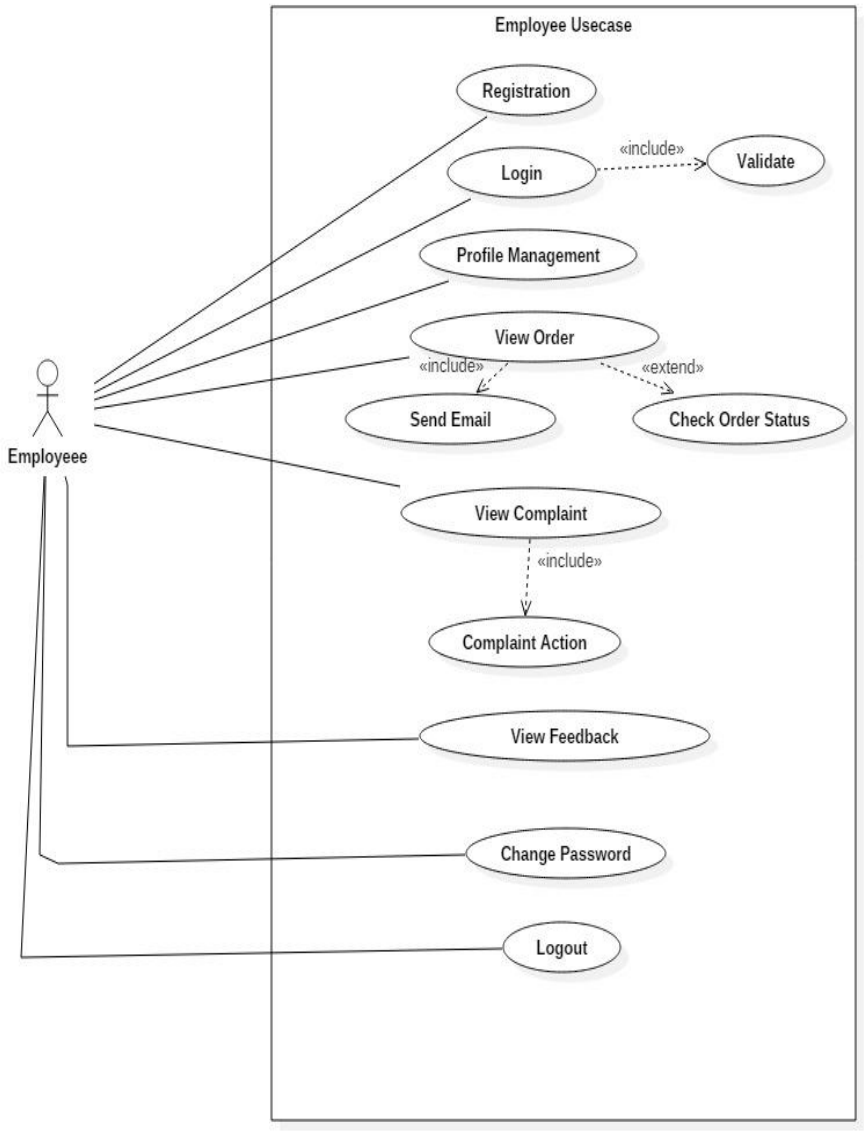
3) Business Owner/ Dealer



4) Customer

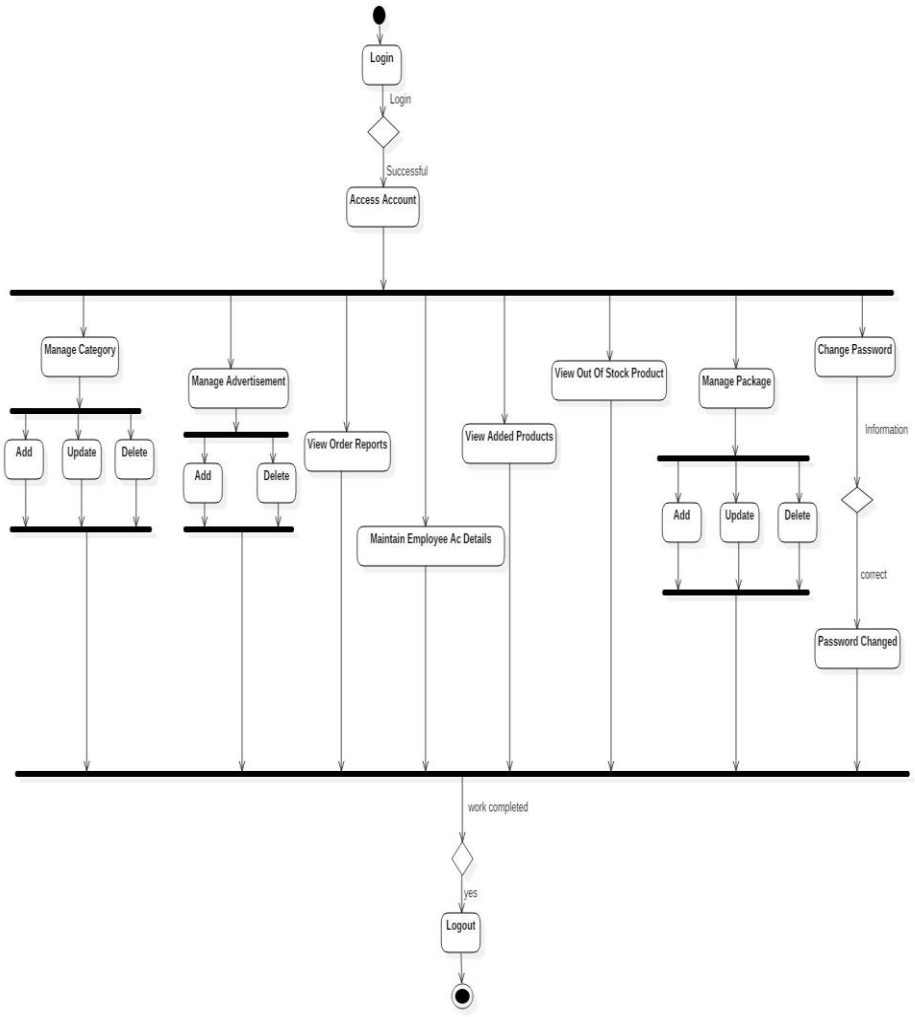

Customer Usecase
Registration
Login
«include»
Validate
Search Product
Select Product
«include»
Add to Cart
Customer
«include»
COD
«include»
Checkout Product
VerifyCard
CreditCardVerificationCompany
«extend»
«include»
Place Order
Order Details
«extend»
Order Tracking
Send Complaint
Change Password
Logout

5) Employee

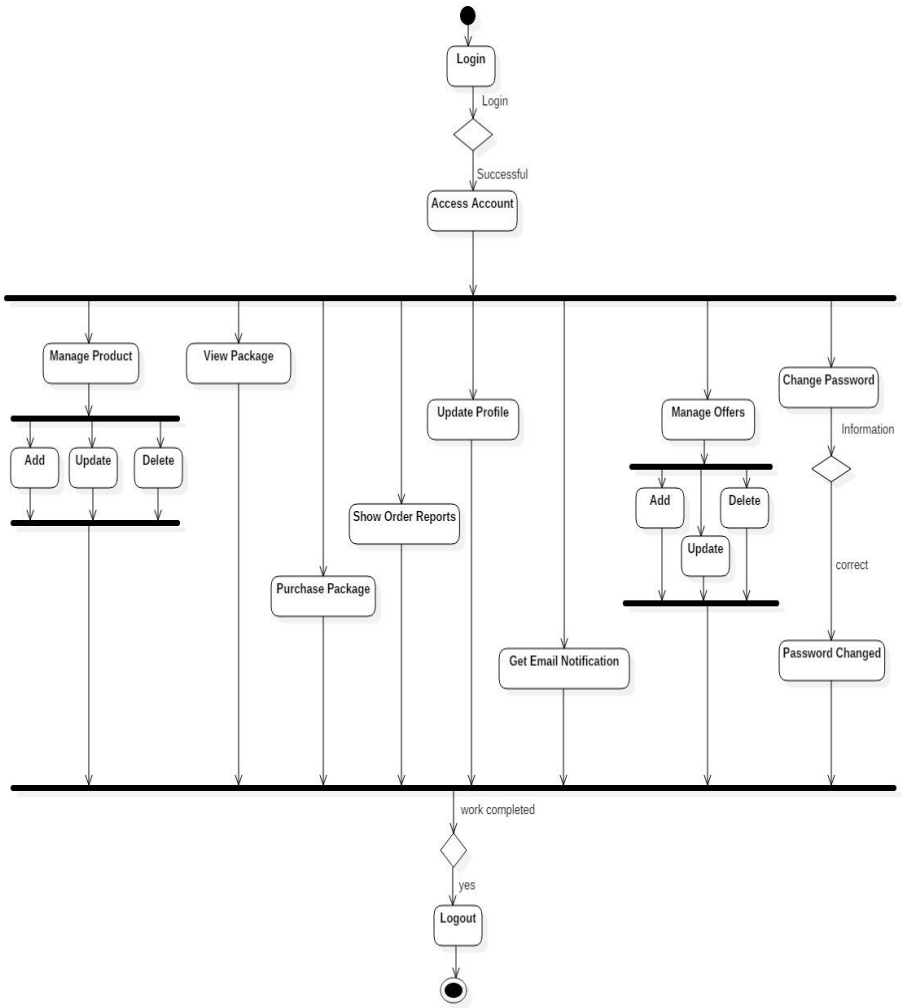

Employee Usecase
Registration
Login
«include»
Validate
Profile Management
View Order
«include»
«extend»
Send Email
Check Order Status
Employeee
View Complaint
«include»
Complaint Action
View Feedback
Change Password
Logout

3.4 Activity Diagrams

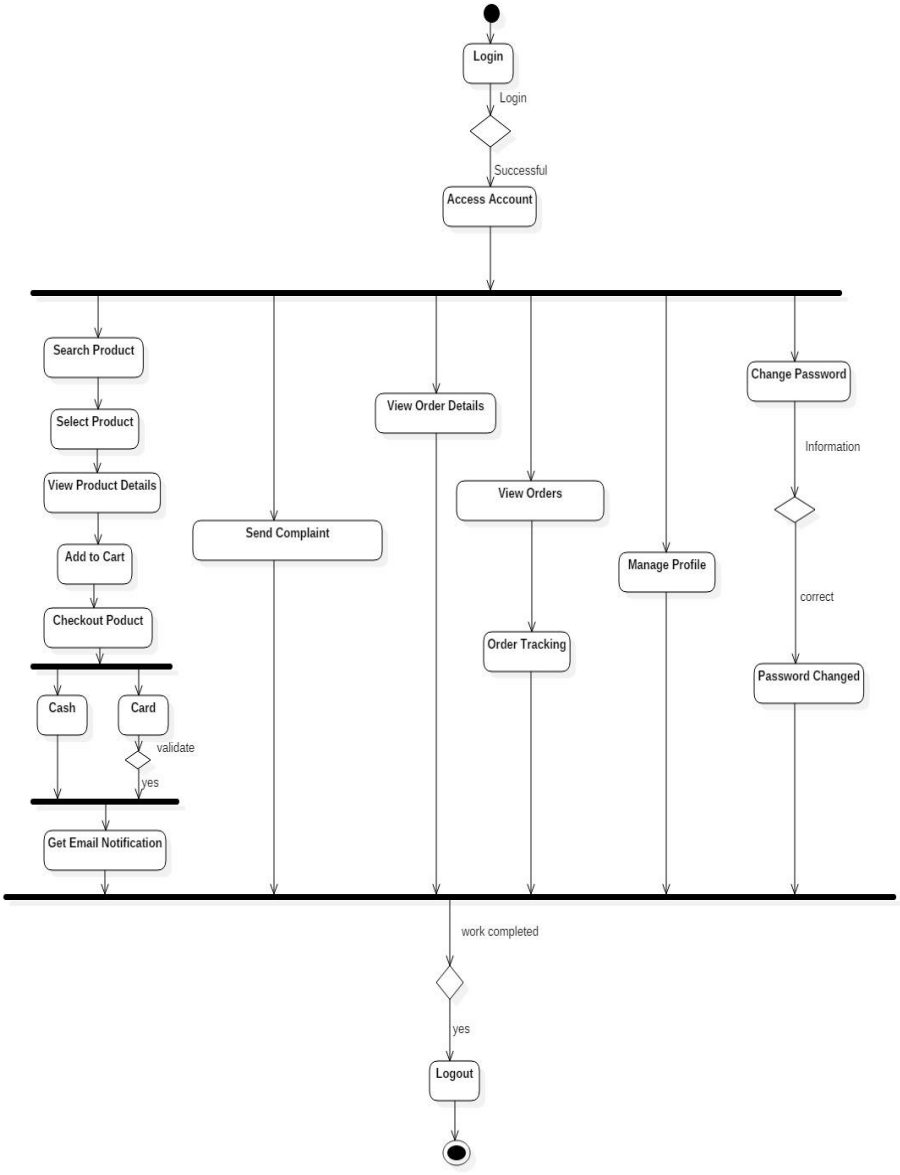
1) Admin



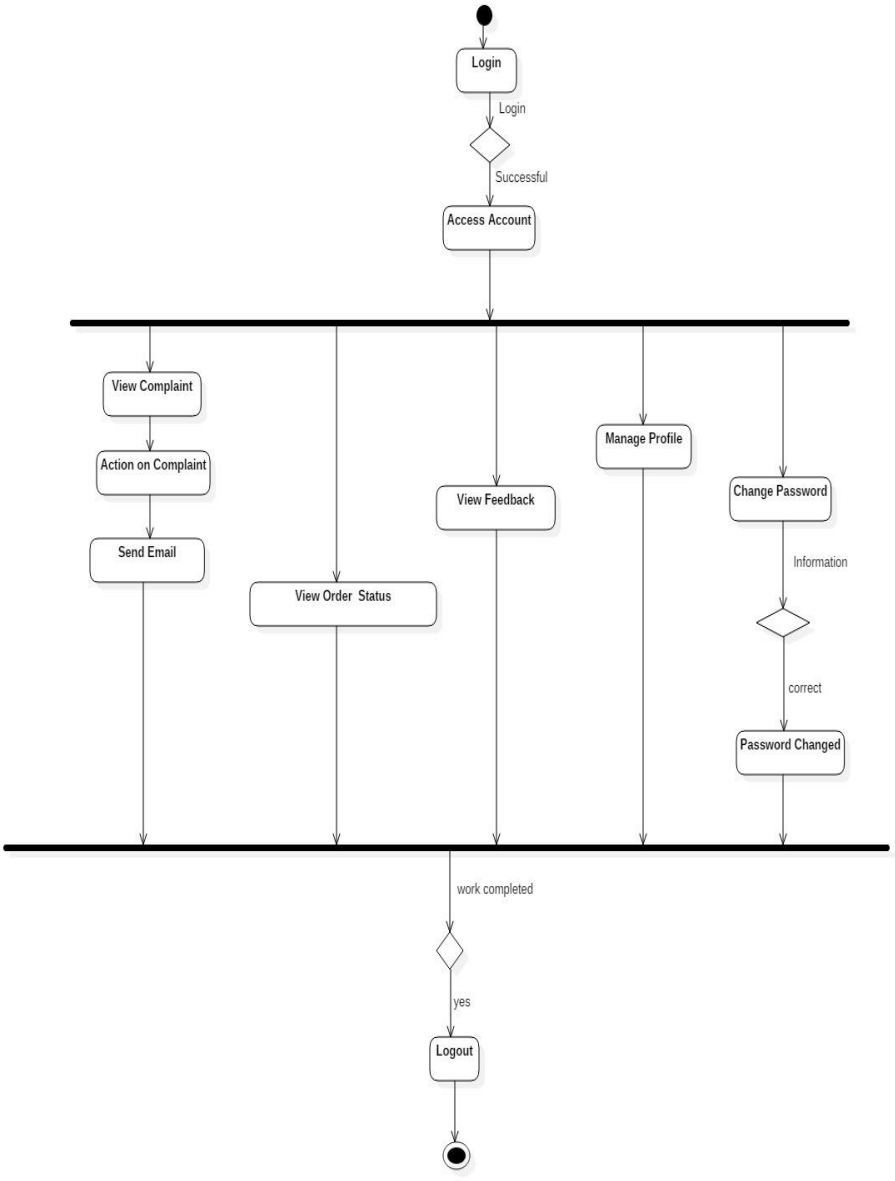
2) Business Owner / Dealer



3) Customer


Login
Login
Successful
Access Account
Search Product
Select Product
View Product Details
Add to Cart
Checkout Poduct
Cash
Card
validate
yes
Get Email Notification
Send Complaint
View Order Details
View Orders
Order Tracking
Manage Profile
Change Password
Information
correct
Password Changed
work completed
yes
Logout

4) Employee


Login
Login
Successful
Access Account
View Complaint
Action on Complaint
Send Email
View Order Status
View Feedback
Manage Profile
Change Password
Information
correct
Password Changed
work completed
yes
Logout

3.5 Sequence Diagram

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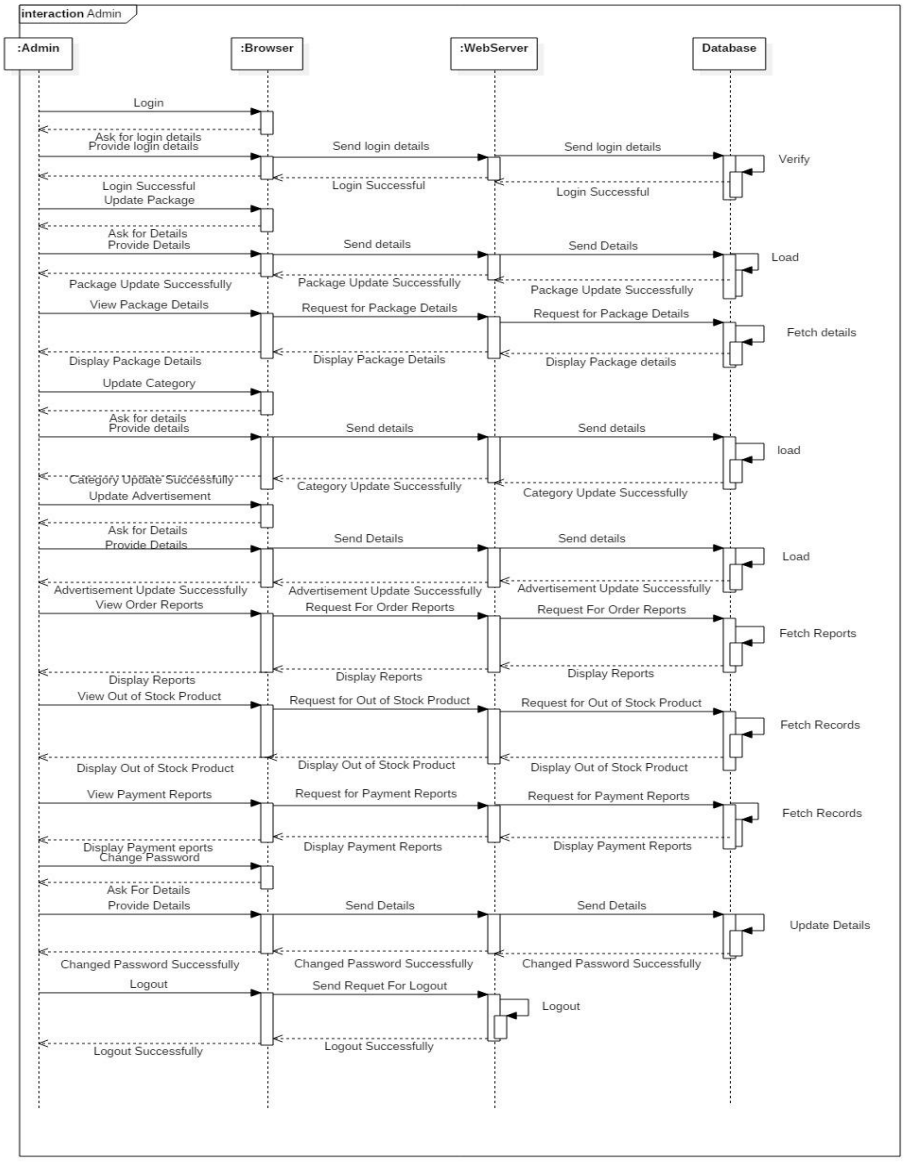
1) Admin


interaction Admin
:Admin
:Browser
:WebServer
Database
Login
Ask for login details
Provide login details
Send login details
Send login details
Verify
Login Successful
Login Successful
Login Successful
Update Package
Ask for Details
Provide Details
Send details
Send Details
Load
Package Update Successfully
Package Update Successfully
Package Update Successfully
View Package Details
Request for Package Details
Request for Package Details
Fetch details
Display Package Details
Display Package Details
Display Package details
Update Category
Ask for details
Provide details
Send details
Send details
load
Category Update Successfully
Category Update Successfully
Category Update Successfully
Update Advertisement
Ask for Details
Provide Details
Send Details
Send details
Load
Advertisement Update Successfully
Advertisement Update Successfully
Advertisement Update Successfully
View Order Reports
Request For Order Reports
Request For Order Reports
Fetch Reports
Display Reports
Display Reports
Display Reports
View Out of Stock Product
Request for Out of Stock Product
Request for Out of Stock Product
Fetch Records
Display Out of Stock Product
Display Out of Stock Product
Display Out of Stock Product
View Payment Reports
Request for Payment Reports
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Change Password
Ask For Details
Provide Details
Send Details
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Update Details
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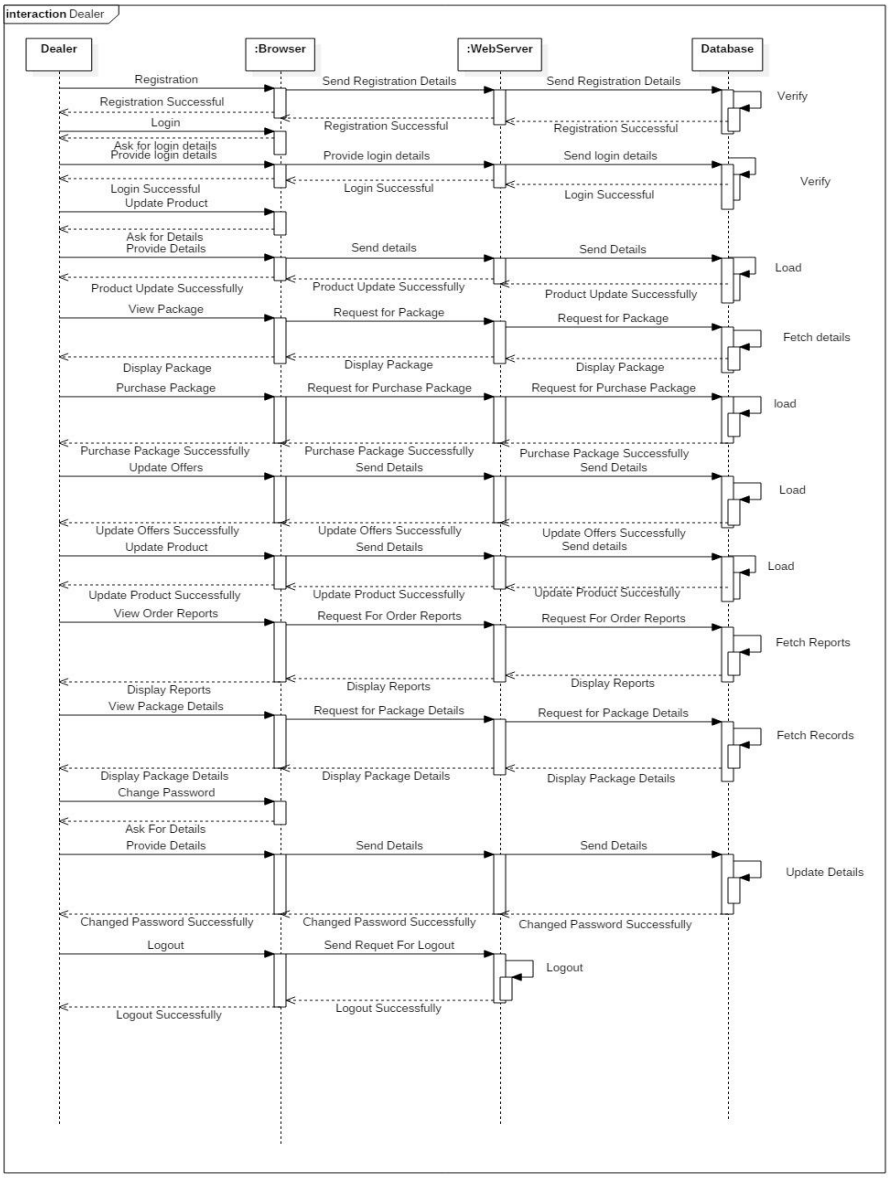
Send Requet For Logout
Logout
Logout Successfully
Logout Successfully

2) Dealer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Fetch details
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Display Package
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Purchase Package Successfully
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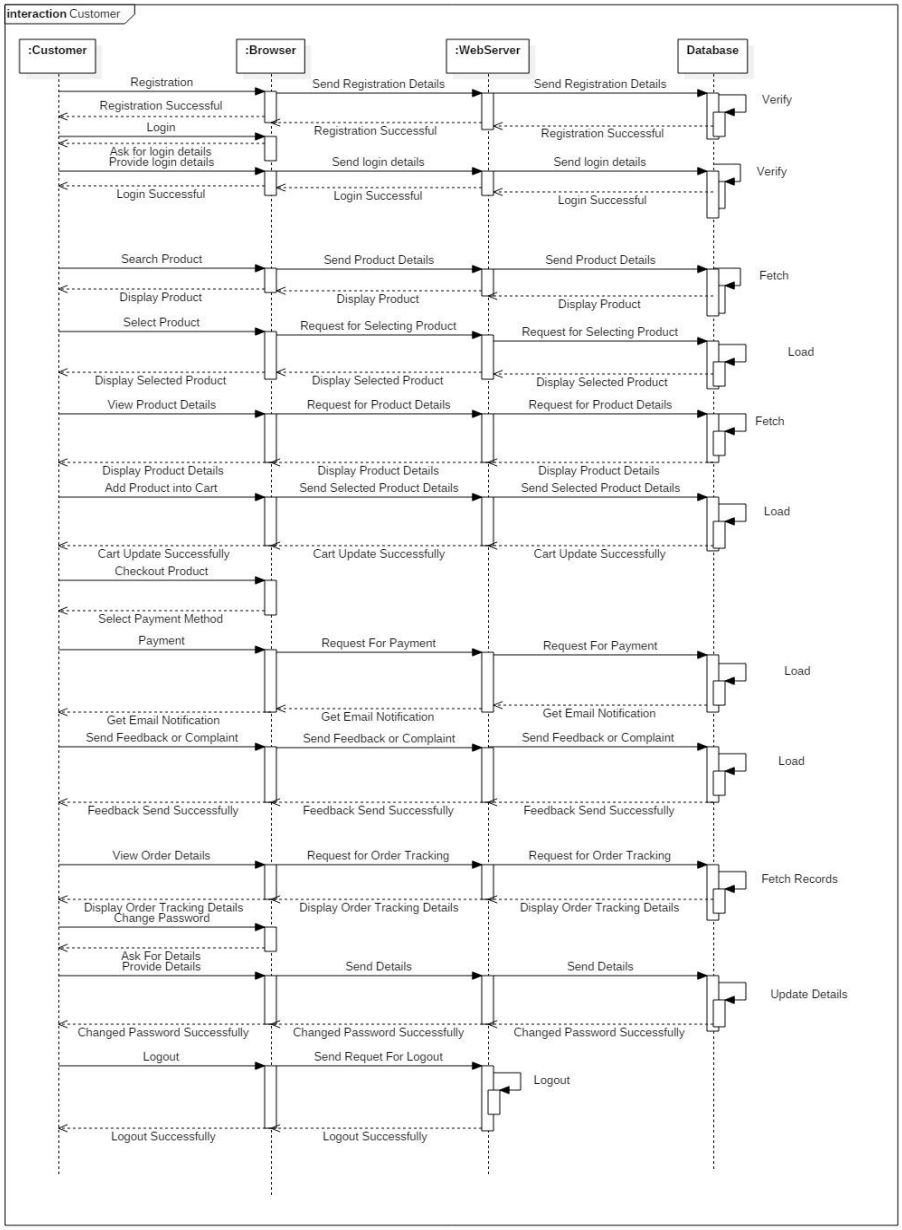
Logout Successfully

3) Customer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Request for Product Details
Request for Product Details
Fetch
Display Product Details
Display Product Details
Display Product Details
Add Product into Cart
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Send Selected Product Details
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Cart Update Successfully
Cart Update Successfully
Cart Update Successfully
Checkout Product
Select Payment Method
Payment
Request For Payment
Request For Payment
Load
Get Email Notification
Get Email Notification
Get Email Notification
Send Feedback or Complaint
Send Feedback or Complaint
Send Feedback or Complaint
Load
Feedback Send Successfully
Feedback Send Successfully
Feedback Send Successfully
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Request for Order Tracking
Request for Order Tracking
Fetch Records
Display Order Tracking Details
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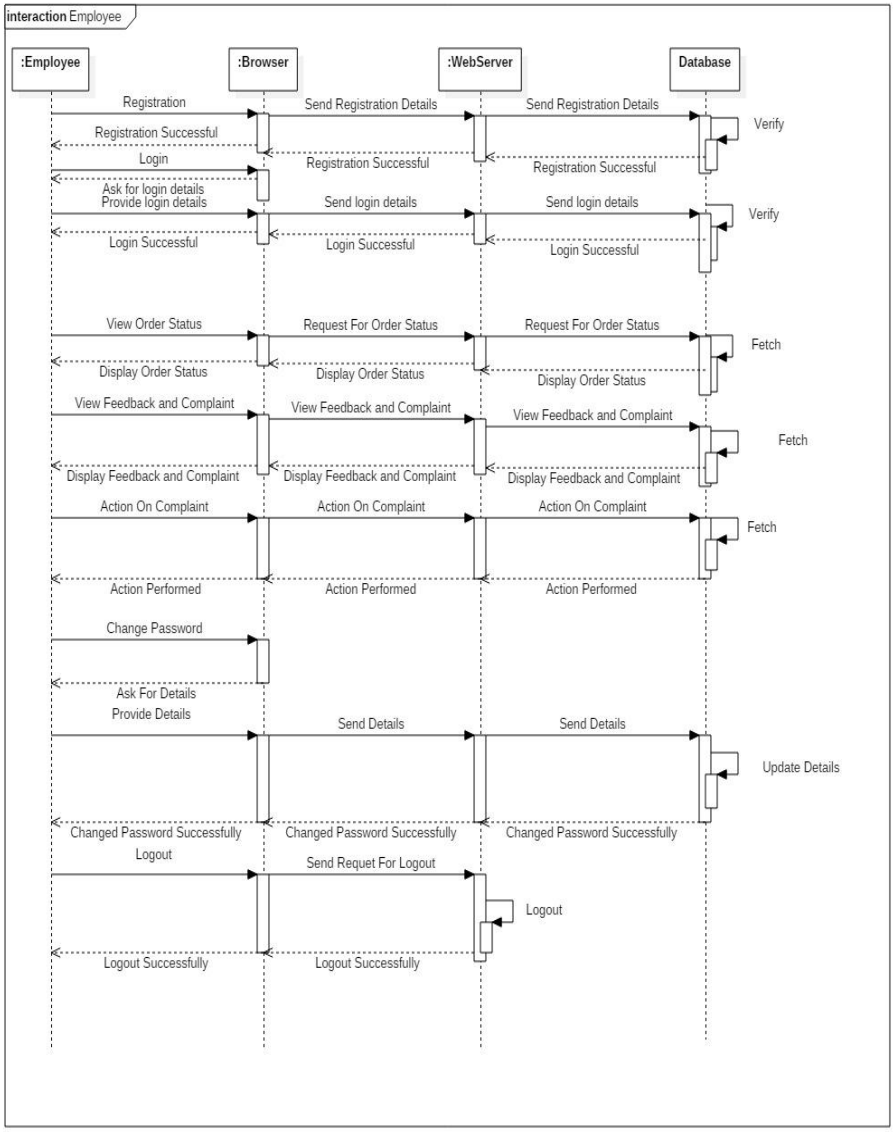
Logout Successfully
Logout Successfully

4) Employee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Login Successful
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View Order Status
Request For Order Status
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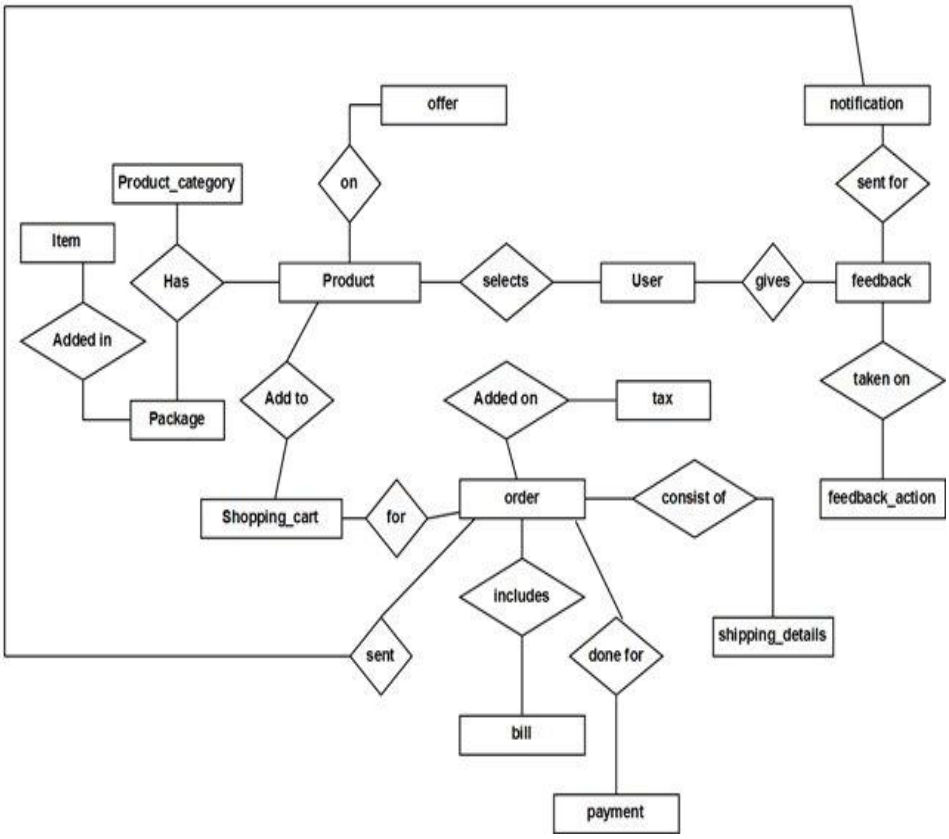
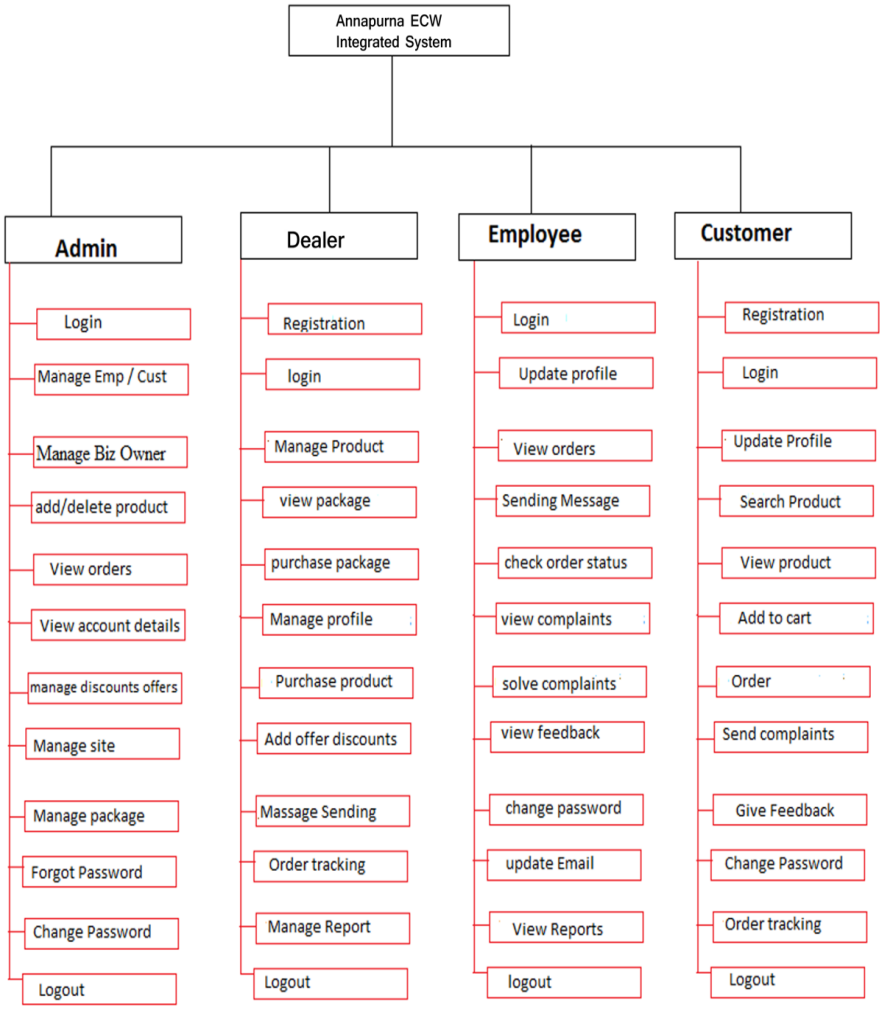
Send Requet For Logout
Logout
Logout Successfully
Logout Successfully

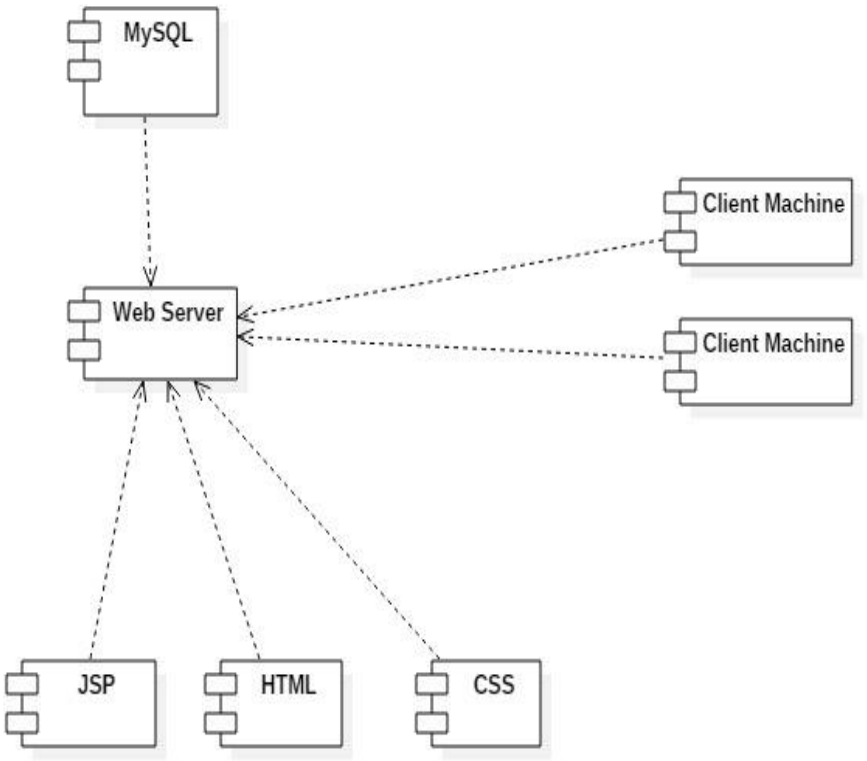
3.6 Entity Relationship Diagram



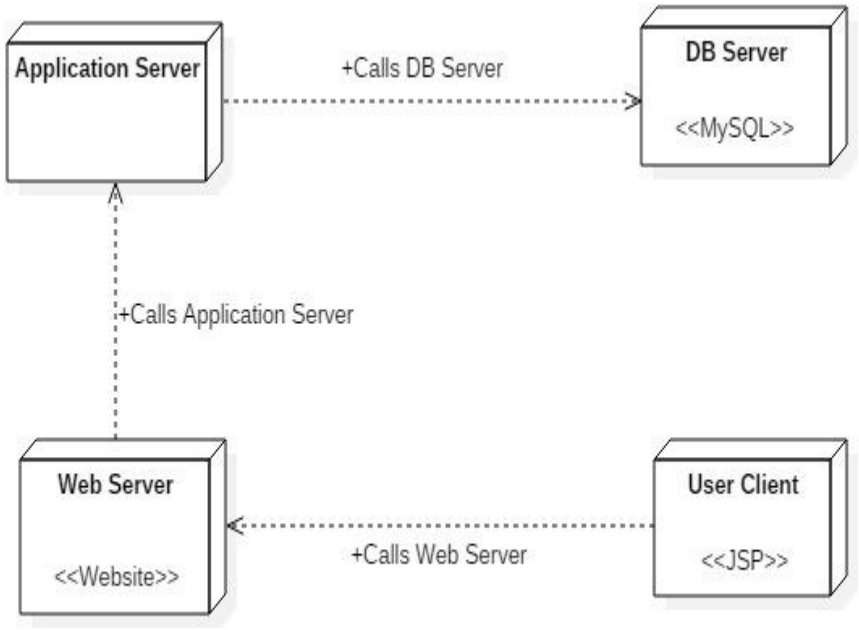
3.7 Module Hierarchy Diagram



3.8 Component Diagram



3.9 Deployment Diagram



3.10 Module Specification

The system contains different modules as:

- Administrator
- Dealer
- Customer
- Employee

1. **Administrator:**

- Admin has secure login.
- Admin can be able to add/delete product Catagariwise on site
- Admin also set the Discounts and the Offer Period.
- Create package.
- Manage FAQ
- Manage Advertisement.
- Manage Security Question
- Manage New Area of Location
- View orders Report Date wise.

- Maintain and View Employee account details.
- View Added Product Details.
- ADD/Update/Delete the Banner on Each Page.
- View Out of Stock Product
- View Report of Cash Order and Cash on Delivery Order.
- Order Management(View Report of Delivered and Undelivered Product)
- Warehouse Management(Stock Management)
- View Report of Profit and the Loss.
- Forgot Password.
- Maintain Contact Us Data.
- Change Password.
- Logout.

2. Dealer:

- Dealer has secure login.
- Dealer can be able to add/delete his product on site
- Also Dealer also able to purchase product online from other business parties.
- Purchase package.
- View orders.
- View account details.
- Order Tracking.
- View Added Product Details.
- Also he can able to manage discounts and offers of his product.
- Forgot Password.
- Change Password.
- Logout.

3. Employee Module:

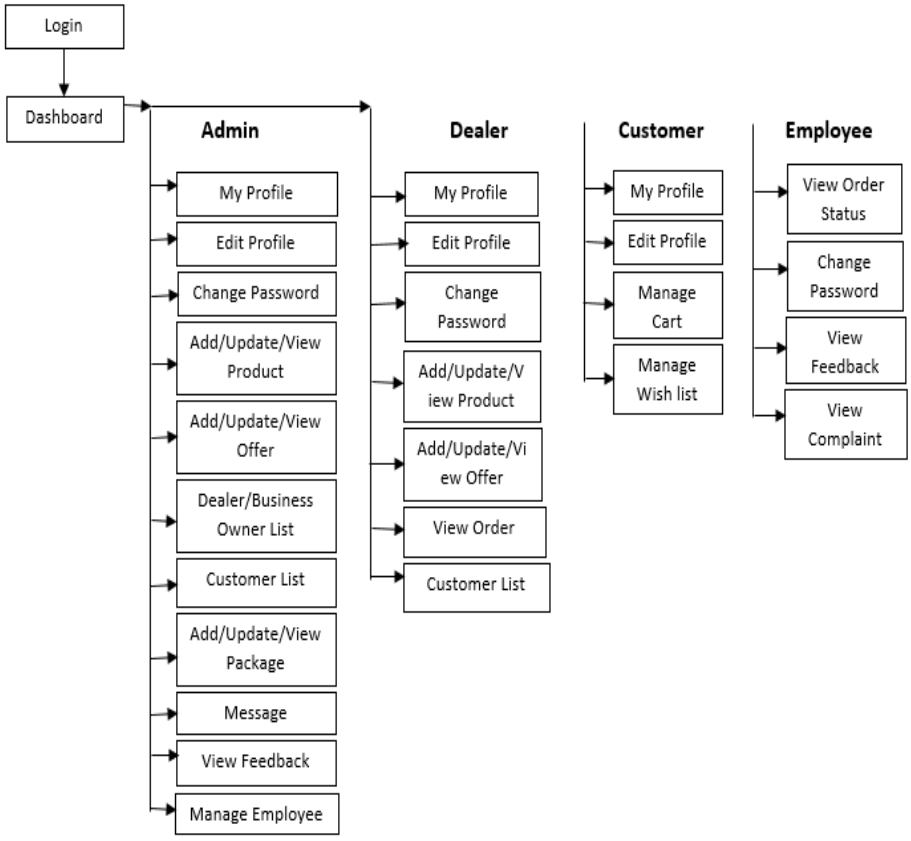
- Employee has a secure login.
- Manage his profile.
- View order status of customer.
- Answer or solution to customer queries.
- View feedback.
- Message sending.
- View Various Reports.
- Forgot Password.
- Change Password.
- Logout.

4. Customer Module:

- Customer has a secure login.
- Manage his profile.
- View and Search all Product Category wise.

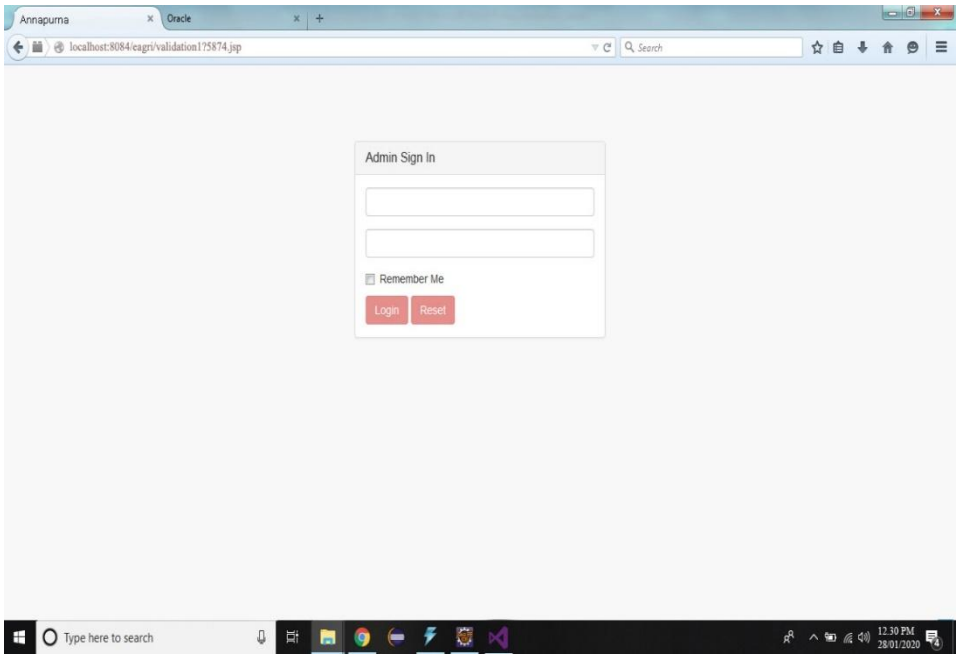
- View order status.
- Return the Damage Products.
- Send Feedback.
- Order Tracking Status.
- View all Reports of all products.
- Forgot Password.
- Change Password.
- Logout.

3.11 Web Site Map Diagram

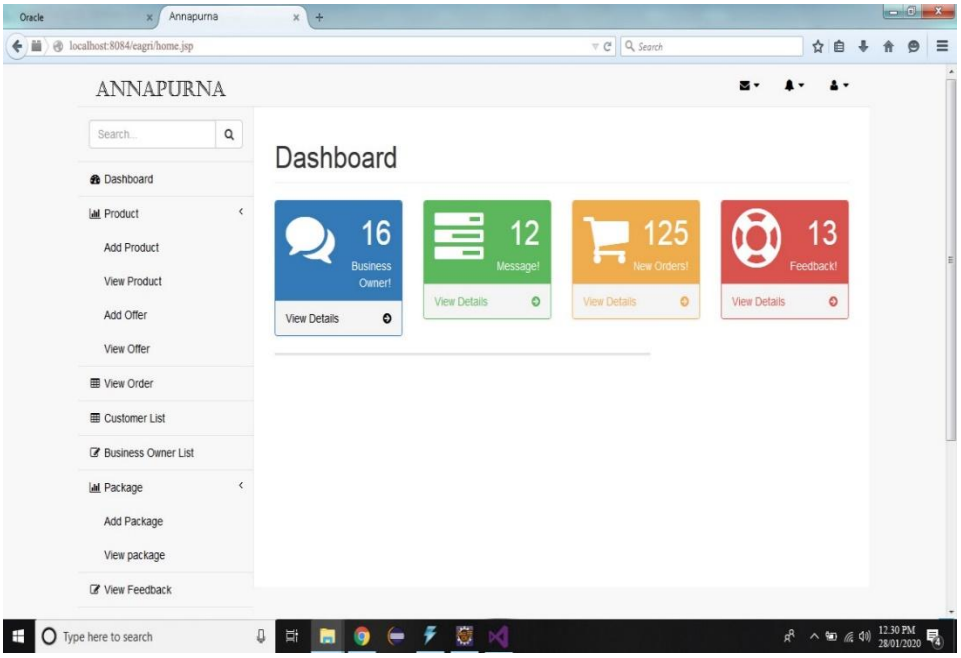


3.12 User Interface Design

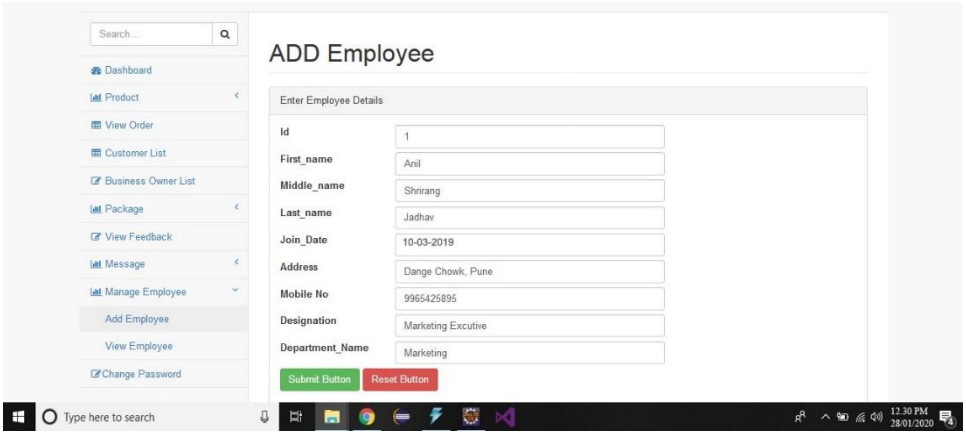
Admin Login Page



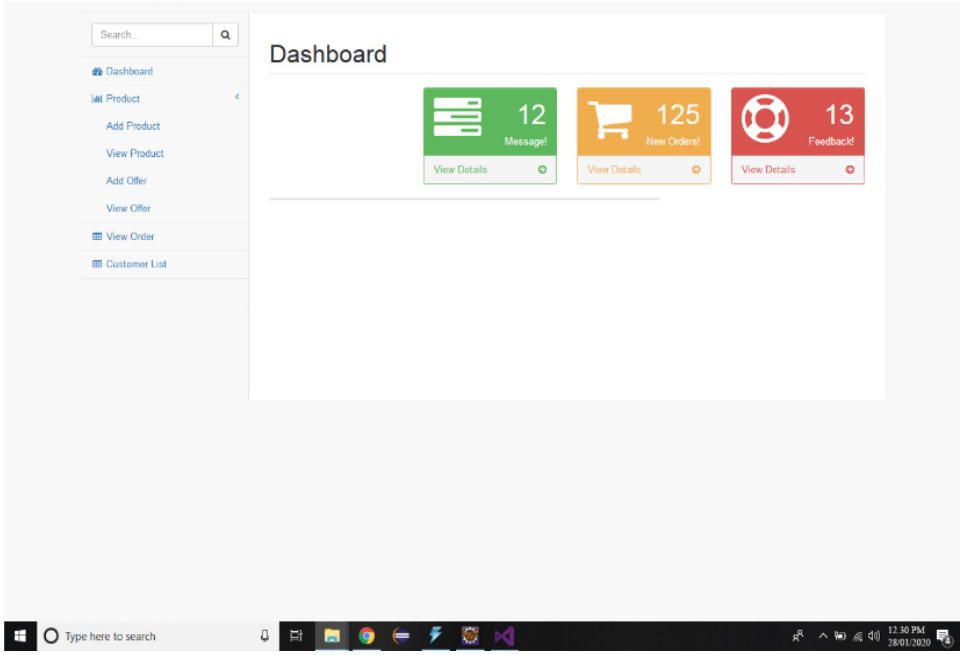
Dashboard



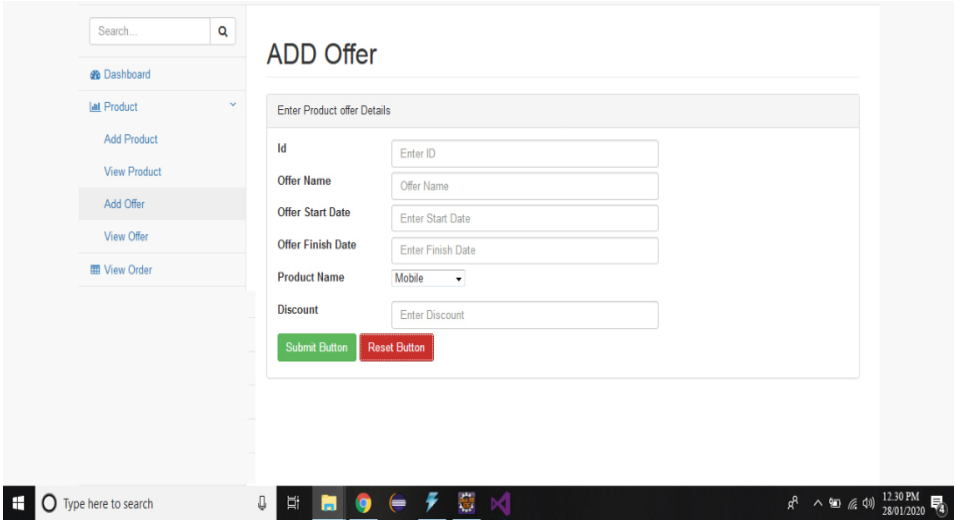
Add Employee



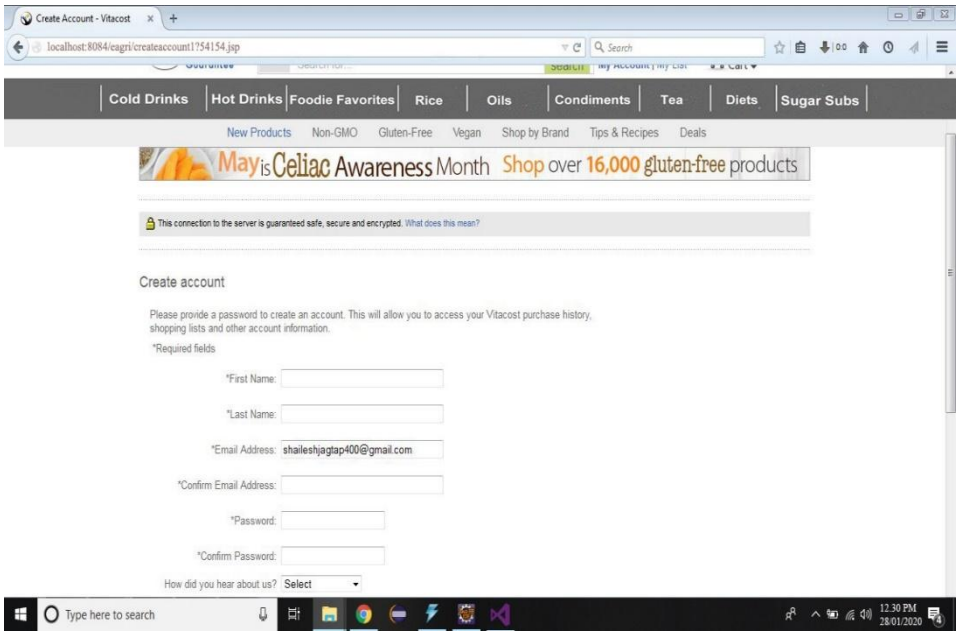
Business Owner/Dealer Dashboard



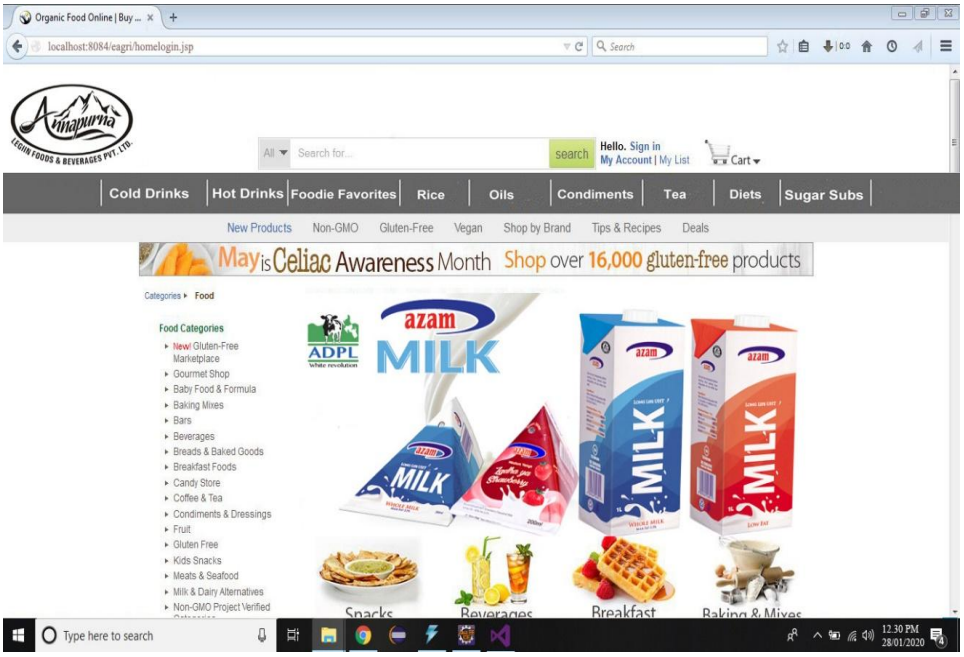
Business Owner/Dealer Add Offer



Customer Create Account



Customer Home


Organic Food Online | Buy ...
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Annapurna
search
Hello. Sign in
My Account | My List
Cart
Cold Drinks
Hot Drinks
Foodie Favorites
Rice
Oils
Condiments
Tea
Diets
Sugar Subs
New Products
Non-GMO
Gluten-Free
Vegan
Shop by Brand
Tips & Recipes
Deals
May is Celiac Awareness Month
Shop over 16,000 gluten-free products
Categories ▸ Food
Food Categories
New! Gluten-Free Marketplace
Gourmet Shop
Baby Food & Formula
Baking Mixes
Bars
Beverages
Breads & Baked Goods
Breakfast Foods
Candy Store
Coffee & Tea
Condiments & Dressings
Fruit
Gluten Free
Kids Snacks
Meats & Seafood
Milk & Dairy Alternatives
Non-GMO Project Verified
azam
MILK
ADPL
Snacks
Beverages
Breakfast
Baking & Mixes
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12:30 PM
28/01/2020

3.13 Data Dictionary

Sr. No.	Field Name	Datat ype	Size	Constr aint	Null	Description
1	Actual _delivery_dat e	Date			No	Actual delivery date no.
2	Address	Varch ar	50		No	Business partner address
3	Amount	Doubl e			No	Total amount
4	Area _id	Int	11	Primary key	No	Area identification number
5	Area _name	Varch ar	25		No	Area name
6	Area _pin	Varch ar	15		No	Area pin code
7	BankAccount No1	Varch ar	20		No	Bank Account No 1
8	BankAccount No2	Varch ar	20		No	Bank Account No 2
9	bill_id	Int	11	Primary key	No	Bill Identification no.
10	BillDate	Date			No	Date of bill
11	BPName	Varch ar	50		No	Business partner name
12	business_part ner_city	Varch ar	50		No	Business partner city
13	business_part ner_country	Varch ar	30		No	Business partner country

14	Business_partner_id	Int	11		No	Business partner Identification no.
15	business_partner_state	Varchar	30		No	Business partner state
16	business_partner_subarea	Varchar	30		No	Business partner subarea
17	business_partner_zip	Int	11		No	Business partner zip code
18	cart_id	Int	11		No	cart Identification no.
19	Case_Id	Int	11	Primary key	No	case Identification no.
20	City _id	Int	11	Primary key	No	City identification number
21	City _name	Varchar	25		No	City name
22	complaint_date	Date			No	Date of complaint
23	complaint_detail	Varchar	200		No	Complaint detail
24	complaint_id	Int	11		No	Complaint identification number
25	complaint_status	Varchar	10		No	Complaint status
26	complaint_title	Varchar	20		No	Complaint title
27	complaint_type	Varchar	20		No	Complaint type
28	Country _id	Int	11	Primary key	No	country identification number

29	Country _name	Varchar	25		No	country name
30	cust_alternate_add	Varchar	100		No	Customer Alternate address.
31	cust_alternate_contact	Varchar	15		No	Customer Alternate contact number
32	cust_city	Varchar	20		No	Customer City.
33	cust_contact	Varchar	15		No	Customer contact number
34	cust_country	Varchar	25		No	Customer Country.
35	cust_dob	Date			No	Birthdate of customer.
36	cust_first_name	Varchar	20		No	Customer First Name
37	cust_gender	Varchar	2		No	Customer Gender
38	Cust_id	Int	11		No	customer Identification no.
39	cust_landmark	Varchar	25		No	Customer landmark..
40	cust_last_name	Varchar	20		No	Customer Last Name
41	cust_middle_name	Varchar	20		No	Customer Middle Name
42	cust_permanent_add	Varchar	100		No	Customer permanent address.
43	cust_state	Varchar	25		No	Customer State.
44	cust_zip	Int	11		No	Customer zip.
45	customer_email	Varchar	30		No	Customer email id

46	Customer_id	Int	11		No	Customer identification number
47	customer_name	Varchar	20		No	Customer name
48	Discount	Double			No	Product discount
49	emp_add	Varchar	150		No	Employee address
50	emp_contact	Varchar	20		No	Employee contact number
51	emp_department_name	Varchar	20		No	Employee Department Name
52	emp_designation	Varchar	20		No	Employee Designation
53	emp_first_name	Varchar			No	Employee first name
54	emp_join_date	Date	20		No	Employee Joining Date
55	emp_last_name	Varchar	20		No	Employee last name
56	emp_middle_name	Varchar	20		No	Employee Middle name
57	employee_id	Int	11	Primary key	No	Employee Identification no.
58	Est_delivery_date	Date			No	Est delivery date
59	feedback_category		30		No	Feedback category
60	feedback_date	Varchar			No	Feedback date
61	feedback_id	Int	11	Primary key	No	Feedback Identification no.
62	feedback_message	Varchar	300		No	Order delivery date

63	FirmRegistrationNo	Varchar	20		No	Business partner firm registration number
64	news_ description	Varchar	1000		No	News description
65	news_id	Int	11	Primary key	No	News identification number
66	news_title	Varchar	50		No	News heading
67	Offer_id	Int	11		No	Offer identification number
68	OfferFinishDate	Date			No	Offer Finish Date
69	OfferId	Int	11	Primary key	No	Offer Identification no.
70	OfferName	Varchar	20		No	Offer name
71	OfferStartDate	Date			No	Offer Start Date
72	OfferType	Varchar	30		No	Offer Type
73	order_date	Date			No	Order date
74	order_delivery_date	Date			No	Order delivery date
75	order_id	Int	11	Primary key	No	Order Identification no.
76	order_price	Double			No	Order price
77	order_shpping_address	Varchar	200		No	Order shpping address
78	Order_status	Varchar	20		No	Order status of product

79	P_Type	Varchar	20		No	Payment type
80	P_Type_id	Int	11		No	Payment type id
81	Package_act_date	Date			No	Package activation date
82	Package_cost	double			No	Package cost
83	Package_description	Varchar	100		No	Package description
84	Package_id	Int	11	Primary key	No	Package Identification no.
85	Package_name	Varchar	20		No	Package name
86	Payment_Id	Int	11		No	payment Identification no.
87	product_base_price	Double			No	Product basic price
88	product_brand	Date			No	Product brand
89	product_category_description	Varchar	1000		No	product category name description
90	product_category_id	Int	11		No	product category Identification no.
91	product_category_name	Varchar	20		No	product category name
92	product_description	Varchar	200		No	product description
93	product_id	Int	11		No	Product identification number
94	product_image	Longblob			No	Product image

95	product_manufacturedate	Varchar	25		No	Product manufacture date
96	product_manufacturedby	Varchar	30		No	product manufactured by.
97	product_name	Varchar	20		No	product name
98	product_price	double			No	Product price
99	product_price_id	Int	11	Primary key	No	Product price identification number
100	product_sell_price	Double			No	Product sale price
101	product_tax1	Double			No	Product tax 1
102	product_tax2	Double			No	Product tax 2
103	product_tax3	Double			No	Product tax 3
104	product_tax4	Double			No	Product tax 4
105	product_warranty	Date			No	Product warranty
106	ProductId	Int	11		No	Product id number
107	Purchase_date	Date			No	Purchase date
108	Question	Varchar	20		No	Question
109	Question_id	Int	11	Primary key	No	Question identification number
110	Region_id	Int	11	Primary key	No	Region identification number

111	Region_name	Varchar	25		No	Region name
112	remain_item	Int	11		No	Package item balance
113	SecureDeposite	Double			No	Business partner Secure Deposite
114	Security_answer	Varchar	20		No	Security Answer
115	Security_question	Int			No	Security Question id
116	SessionEndTime	DateTime			No	Session end Time
117	SessionId	Int	11	Primary key	No	session identification number
118	SessionStartTime	DateTime			No	Session Start Time
119	ship_partner_add	Varchar	50		No	User Type
120	ship_partner_contact	Varchar	20		No	User Password
121	ship_partner_id	Int	11	Primary key	No	Shipping partner Identification no.
122	ship_partner_name	Varchar	20		No	Shipping partner name
123	shipping _id	Int	11	Primary key	No	Shipping Identification no.
124	Solution_by	Int	11		No	Employee id number
125	solution_date	Date			No	Solution date
126	Solution_dtl	Varchar	1000		No	Complaint solution
127	solution_Id	Int	11	Primary key	No	Solution identification number

128	State _id	Int	11		No	State identification number
129	State _name	Varchar	25		No	State name
130	Tax	Double			No	Product tax
131	TaxAccountNo1	Varchar	20		No	Tax Account number1
132	TaxAccountNo2	Varchar	20		No	Tax Account number2
133	Total_items	Int	11		No	Total items in package
134	TotalBillAmt	Double			No	Total bill amount
135	TotalProductQuantity	Int	11		No	Product quantity
136	type_id	Int	11	Primary key	No	Payment type id
137	User_email	Varchar	50		No	User Email Address
138	User_id	Int	11		No	customer identification number
139	User_pass	Varchar	30		No	User Password
140	User_status	Varchar	2		No	User Status
141	User_type	Varchar	2		No	User Type
142	Validity	Int	11		No	Validity in days
143	wishlist_id	Int	11	Primary key	No	wishlist identification number

3.14 Table Specification

Table Name	User			
Table Description	It stores information of Users of the system.			
Primary key	User id			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
User_id	Int(11)	Primary key	No	Unique Identification number for user
User_first_name	Varchar(20)		No	User First name
User_last_name	Varchar(20)		No	User Last name
User_dob	Date		No	User DOB
User_gender	Varchar(20)		No	User Gender
User_contact	Int(10)		No	User Contact
User_permanent_add	Varchar(20)		No	User Address
User_city	Varchar(20)		No	User City
User_landmark	Varchar(20)		No	User Landmark

User_state	Varchar(50)		No	User State
User_country	Varchar(30)		No	User Country
User_pincode	Int(10)		No	User Pincode
User_email	Varchar(20)		No	User Email address
User_pass	Varchar(20)		No	User password
User_type	Varchar(20)		No	User Type

Table Name	User_type			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
type_id	Varchar(10)	Primary key	No	User type id
Admin	Varchar(10)		No	Admin
Business Owner	Varchar(10)		No	Business Owner
Customer	Varchar(10)		No	Customer
Employee	Varchar(10)		No	Employee

Table Name	Package			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
Package_id	Varchar(10)	Primary key	No	Package Id
Package_name	Varchar(20)		No	Package name
Package_description	Varchar(100)		No	Package description
Package_cost	Float(10)		No	Package cost
Item_reference_id	Varchar(10)	Foreign Key	No	FK to Item Table
Start_date	DateTime		No	Package Start Date and Time
End_date	DateTime		No	Package End Date and time

Table Name	Item			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
Item_reference_id	Varchar(10)	Primary key	No	Item Identification no.
Item_1	Varchar(20)			Item 1 Name
Item_2	Varchar(20)			Item 2 Name
Item_3	Varchar(20)			Item 3 Name
Item_4	Varchar(20)			Item 4 Name

Item_5	Varchar(20)			Item 5 Name
Item_6	Varchar(20)			Item 6 Name
Item_7	Varchar(20)			Item 7 Name
Item_8	Varchar(20)			Item 8 Name
Item_9	Varchar(20)			Item 9 Name
Item_10	Varchar(20)			Item 10 Name

Table Name	ProductCategory			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
product_category_id	Varchar(10)	Primary key	No	product category Id
product_category_name	Varchar(20)		No	product category name
product_category_description	Varchar(1000)		No	product category name description

Table Name	ProductDetails			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
product_id	Varchar(10)	Primary key	No	Product Id
product_description	Varchar(200)			Product description
user_id	Varchar(20)	Foreign key	No	Dealer Id
Product_stock	Int(10)		No	Product Stock

product_image	Longblob		No	Product image
product_price	Float(10)		No	Product price
product_category_id	Varchar(10)	Foreign key	No	product category Id
Offer_id	Int(10)	Foreign key		Offer Id

Table Name	Pkg_Product			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
Package_id	Varchar(10)	Foreign key	No	Package Id
Product_id	Varchar(10)	Foreign key	No	Product Id

Table Name	Shopping_cart_detail			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
Cart_id	Varchar(10)	Primary key	No	Cart Id
product_id	Int(10)	Foreign key	No	Product Id
Quantity	Int(10)		No	Product quantity

Table Name	Order_Details			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
order_id	Varchar(10)	Primary key	No	Order Id
cart_id	Varchar(10)	Foreign key	No	Cart Id
order_date	DateTime		No	Order date and time
order_delivery_date	DateTime		No	Order delivery date and time
order_shipping_address	Varchar(200)		No	Shpping address
tax_id	Varchar(200)	Foreign key	No	Tax Id
Price	Float		No	Total Price

Table Name	Feedback			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
feedback_id	Varchar(10)	Primary key	No	Feedback Id
feedback_type	Varchar(20)		No	Feedback type
feedback_message	Varchar(300)		No	Feedback message
feedback_date	Date		No	Feedback date
User_id	Varchar(10)	Foreign key	No	Customer Id
order_id	Varchar(10)	Foreign key	No	Order Id

Table Name	Feedback_Action			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
action_Id	Varchar(10)	Primary key	No	Action Id
feedback_id	Varchar(10)	Foreign key	No	Feedback Id
action_detail	Varchar(1000)		No	Feedback Action
action_date	Date		No	Action date

Table Name	ShippingDetails			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
shipping _id	Varchar(10)	Primary key	No	Shipping Id
order_id	Varchar(10)	Foreign key	No	order Id
Est_delivery_date	Date		No	Est delivery date
Order_status	Varchar(20)		No	Order status

Table Name	Offer			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
OfferId	Varchar(10)	Primary key	No	Offer Id
OfferName	Varchar(20)		No	Offer name
Offer_start_date	Date		No	Offer Start Date

Offer_end_date	Date		No	Offer Finish Date
Discount	Float(10)		No	Product discount

Table Name	Bill			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
bill_id	Varchar(10)	Primary key	No	Bill Id
BillDate	DateTime		No	Date of bill
OrderId	Varchar(10)	Foreign key	No	Order Id
TotalBillAmt	Float(10)		No	Total bill amount

Table Name	Payment			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
payment_id	Varchar(10)	Primary key	No	Payment Id
order_id	Varchar(10)	Foreign key	No	Order Id
package_id	Varchar(10)	Foreign key	No	Package Id
Amount	Float(10)		No	Total Amount
type_of_payment	Varchar(50)		No	Payment Type
Status	Varchar(20)		No	Payment Status

Table Name	Notification			
Field Name	**Datatype**	**Constraint**	**Null**	**Description**
notification_id	Varchar(10)	Primary key	No	Message Id
User_id	Varchar(10)	Foreign key	No	Customer Id
notification_sub	Varchar(300)		No	Notification subject.
notification_detail	Varchar(2000)			Notification Detail.
notification_date	DateTime		No	Notification date and time
order_id	Varchar(10)	Foreign key	No	Order Id
feedback_id	Varchar(10)	Foreign key	No	Feedback Id

3.15 Test Procedures and Implementation

Testing is the exposure of system to trial input to see whether it produces correct output. Testing assumes requirements that are already validated. Testing cannot guarantee correctness, no method can guarantee correctness. Testing is the process of detecting presence of faults. Debugging is the process of locating and correcting faults.

Once source code has been generated, software must be tested to uncover as many errors as possible before delivery to your customer. Our goal is to design a series of test cases that have a high likelihood of finding errors. That's where Software Testing techniques enter the picture.

A set of test cases designed to exercise both internal logic and external requirements is designed and documented, expected results are defined and actual results are recorded.

Test Case ID	**LOGIN_01**				
Test case Name	Test Case For User				
Pre-Requisite	User must login First				
Step No	**Step to be Executed**	**Expected Result**	**Actual Result**	**Pass/ Fail**	**Remark**

1	1)Keep Username and Password blank 2)Press login button	It should display the error 'These fields cannot be blank'	Display error messages for both textboxes	pass	Require field validation is checked
2	1)Enter valid User Name E.g. Admin 2) Enter wrong password	It should display the error	Displays error password'	Fail	Wrong input validations are checked
3	1)Enter special character for username E.g.$% 2)Enter password	It should not accept special characters	It not allows you to type special character except the required characters for an valid username id	Pass	Special characters are checked

4	1)Enter correct username 2)Enter Valid password 3)Press Login button	It should accept user name and password	It accepts user name and Password and forward to User Home screen.	Pass	Valid users login is passed
5	1)Enter only username and click on login	It should display error message	It accepts Correct user name and password.	fail	Only right password and login should entered.

Test Case ID	**Message_view_02**
Test case Name	Test Case For User which are login

Pre-Requisite	1) User should add to his social account. 2) At least one social account should be there.				
Step No	**Step to be Executed**	**Expected Result**	**Actual Result**	**Pass/ Fail**	**Remark**
1	1. Select any message for exploring in Details view.	It should showing The Details	It should displays A result.	Pass	Require at least 1 message to select.
2	1) Click on the Comments Icon, below the message in Details view.	It should display the corresponding comment box.	displays the corresponding comment box.	Pass	Should Clicked on 1 comment box.
3	1 Write the Comments in specified place.	It should prompt space	displays the corresponding comment box	Fail	Should Clicked on 1 comment box.
4	1) Click on the "Send" button.2) Click at the Sent Tab in Left Menu.	All sent messages should be display in the list.	Sent messages should not be display in the list.	pass	Message sends successfully.

Test Case ID	**Compose_message_03**				
Test case Name	Test Case For user				
Pre-Requisite	User should click on Compose tab to send message				
Step No	**Step to be Executed**	**Expected Result**	**Actual Result**	**Pass/Fail**	**Remark**
1	1) Click on the Compose button.	It will display compose box.	Display compose box.	Pass	Require select to compose.
2	1) Create the message & then click on the Send button.	All sent messages should be display in the list.	Sent messages should not be properly display in the list.	fail	All should display
3	1) Select account to send a message. 2.) Select the option from Post as Twitter	It displays a user added account. Post Message is	It displays a user added account. Post Messag	Pass pass	selected sent successfully

	& Facebook & Sent	displaying in the Inbox sub tab & Sent sub tab.	e should be display in the Inbox sub tab & Sent sub tab		

Implementation

Strategies used for Testing

1. Unit Testing

Unit testing concentrates verification on the smallest element of the program – the module. Using the detailed design description important control paths are tested to establish errors within the bounds of the module.

2. Integration testing

Once all the individual units have been tested there is a need to test how they were put together to ensure no data is lost across interface,

one module does not have an adverse impact on another and a function is not performed correctly.

System testing for the current system:

In this level of testing we are testing the system as a whole after integrating all the main modules of the project. We are testing whether system is giving correct output or not. All the modules were integrated and the flow of information among different modules was checked. It was also checked that whether the flow of data is as per the requirements or not. It was also checked that whether any particular module is non-functioning or not i.e. once the integration is over each and every module is functioning in its entirety or not.

In this level of testing we tested the following: -

- Whether all the forms are properly working or not.
- Whether all the forms are properly linked or not.
- Whether all the images are properly displayed or not.
- Whether data retrieval is proper or not.

CHAPTER 4

USER MANUAL

4.1 User Manual

4.1.1 User Manual for Administrator

The administrator is the main user of this system. The administrator has some extra features that are not provided to users/employee.

1) Registration:

This is provided to register with Food CRM system.

By using it you can do registration with the system.

2) Login:

This is provided to do the login.

The Admin must have logged in to use the system.

So to do the login you can use this.

Here simply by entering your login details you can logged in.

3) Add Product/View Product:

This is to add new product to the system.

View all the products in the system

4) Add Offer/View Offer:

This is to add new offer on the product in the system.

View all the offers available on products in the system.

5) Customer List:

To view all Customers present in the system.

6) Dealer/ Business Owner List:

To view all dealers present in the system.

7) Add/View Package:

This is to add new package for dealers in the system.

View all the packages available for dealers in the system.

8) View Feedbacks:

View all the feedbacks of customers about the products in the system.

9) Manage Employee:

This is to add new employee in the system.

Delete the employee from the system

Manage all the employees in the system

10) Message:

To send the messages to dealers or employees about the queries or information.

4.1.2 User Manual for Business Owner/Dealer

1) Registration:

This is provided to register with the system.

By using it you can do registration with the system.

2) Login:

This is provided to do the login.

The distributor must have logged in to use the system.

So to do the login you can use this.

Here simply by entering your login details you can logged in.

3) Add Product/View Product:

This is to add new product to the system.

View all the products in the system

4) Add Offer/View Offer:

This is to add new offer on the product in the system.

View all the offers available on products in the system.

5) Customer List:

To view all Customers present in the system.

6) Order List:

To view all the orders of customers present in the system.

4.1.3 User Manual for Employee

1) Login:

This is provided to do the login.

The employee must have logged in to use the system.

So to do the login you can use this.

Here simply by entering your login details you can logged in.

2) View Order Status:

To view the order status of all customers in the system.

3) View Feedback:

To view the feedback of customers about related orders in the system

4) Message Sending:

To send the message related customers queries or reply to customers feedback

5) View Reports:

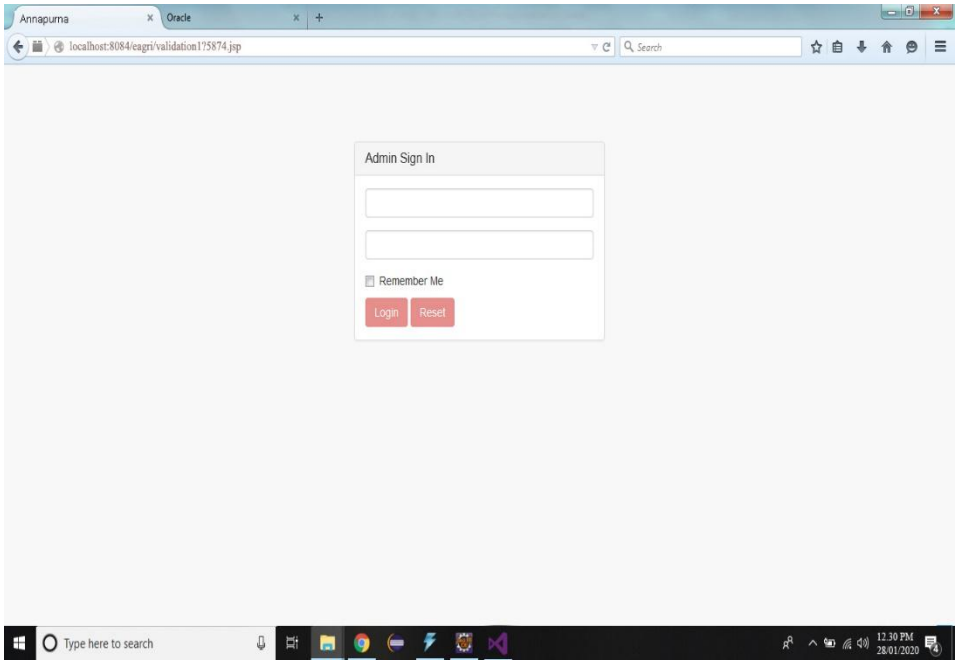
To view reports of all the data present.

4.2 Operation Manual / Menu Explanation

4.2.1 User Manual for Business Owner/Dealer

1. Login

- This is provided to do the login.
- The Admin must have logged in to use the system.
- Here simply by entering your login details you can logged in.



2. Add Business Owner:

- This can be add new Business Owner to the System.

3. Add Employee:

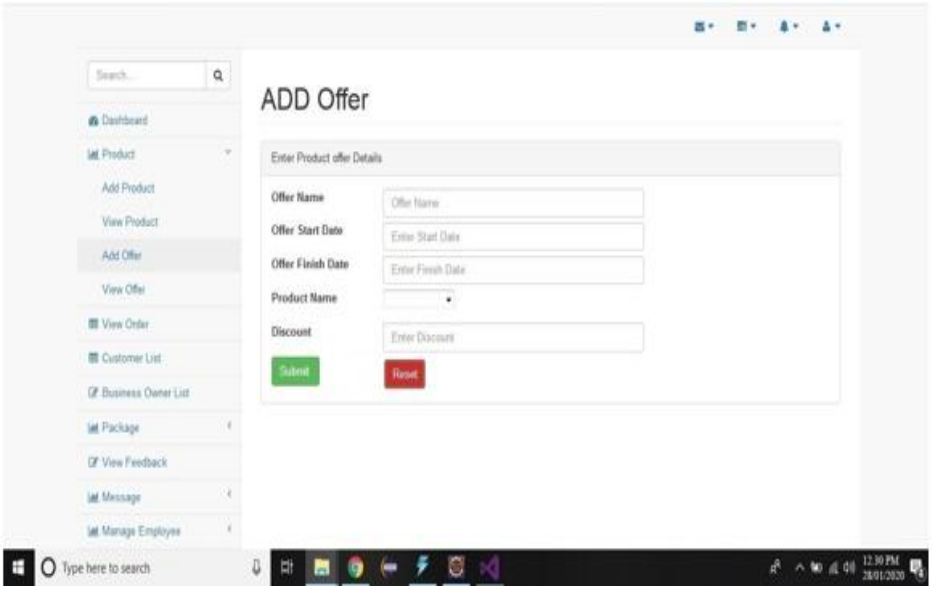
- This can be add new Employee to the System.

4. Add Package:

- This can be add new package to the System.

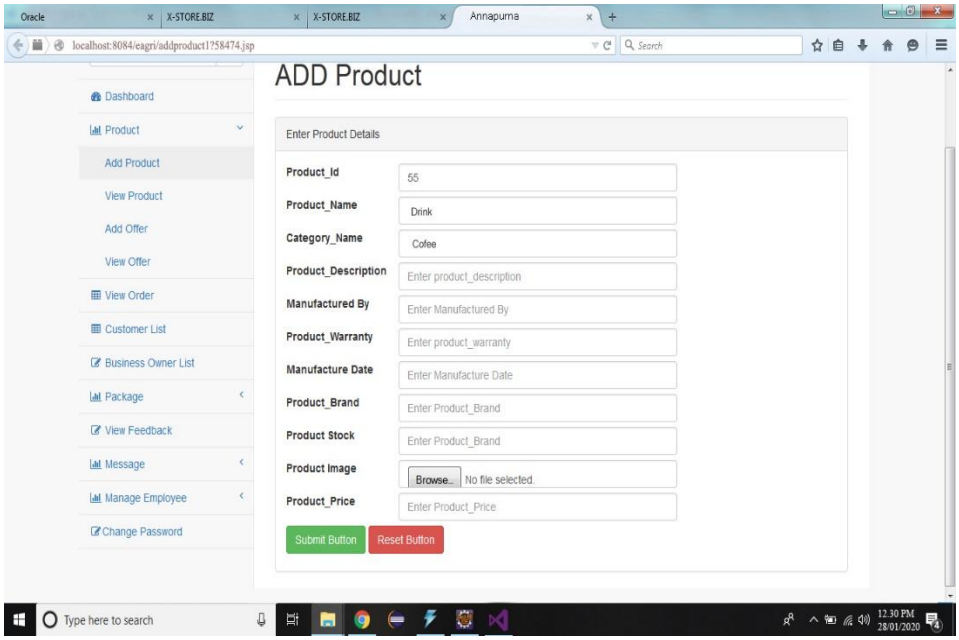
5. Manage Offers:

- This can be add and update offers on the Product.



6. Manage Products:

- This can be add and update Product


Oracle
X-STORE.BIZ
X-STORE.BIZ
Annapurna
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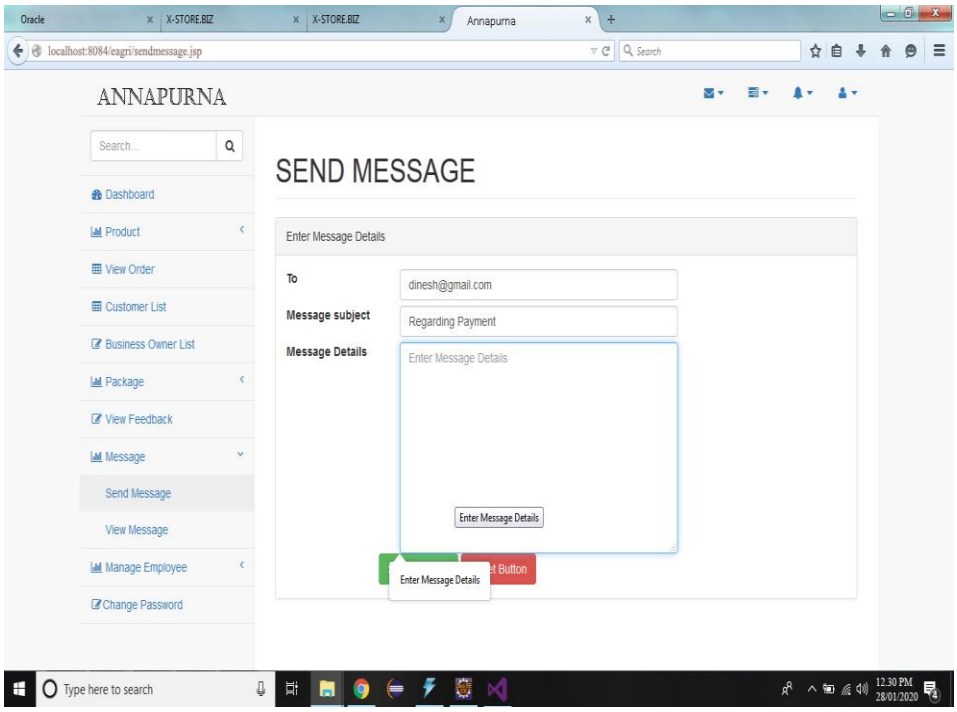
Search
Dashboard
Product
Add Product
View Product
Add Offer
View Offer
View Order
Customer List
Business Owner List
Package
View Feedback
Message
Manage Employee
Change Password
ADD Product
Enter Product Details
Product_Id
55
Product_Name
Drink
Category_Name
Cofee
Product_Description
Enter product_description
Manufactured By
Enter Manufactured By
Product_Warranty
Enter product_warranty
Manufacture Date
Enter Manufacture Date
Product_Brand
Enter Product_Brand
Product Stock
Enter Product_Brand
Product Image
Browse..
No file selected.
Product_Price
Enter Product_Price
Submit Button
Reset Button
Type here to search
12:30 PM
28/01/2020

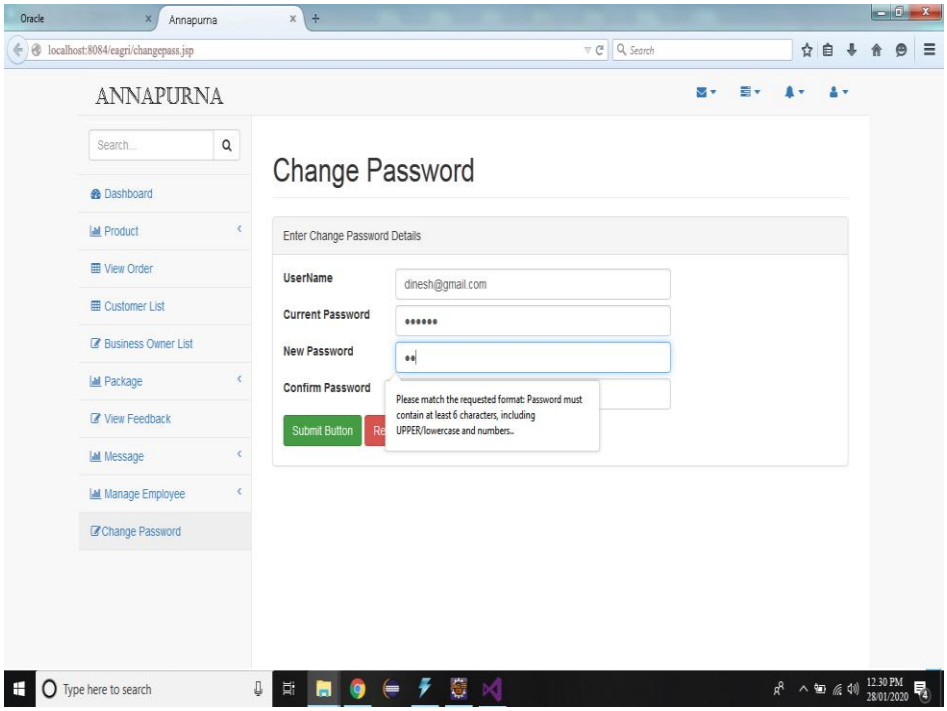
7. Send Messages:

- Admin can send messages to the employee and business owner regarding their work



8. Change Password:

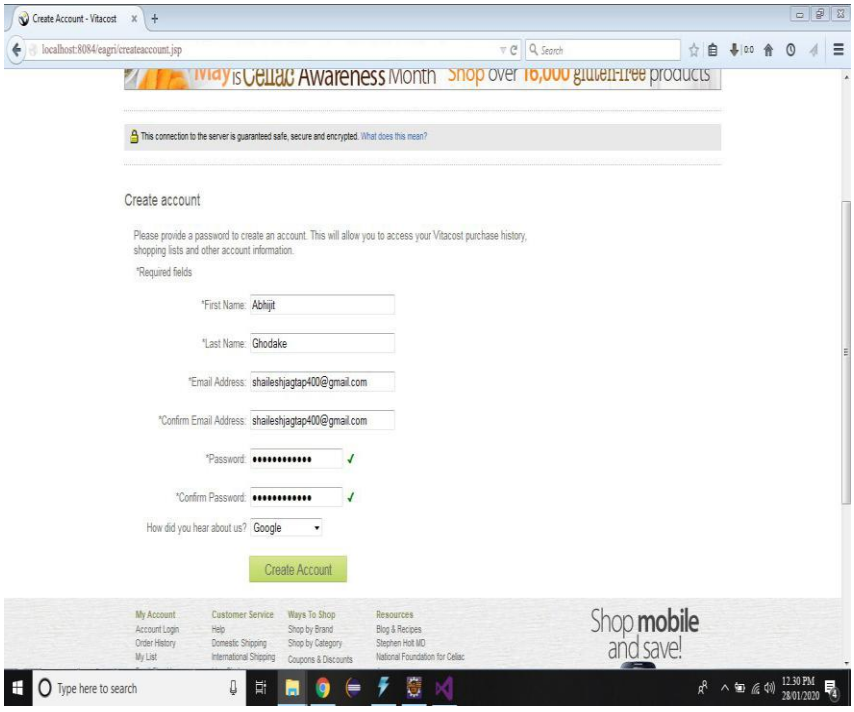
- Admin can change his Password



4.2.2 Operations Manual for Customer:

1. Create new account:

- Here user can create their new account by filling information
- After filling the user information user can set his email id and password

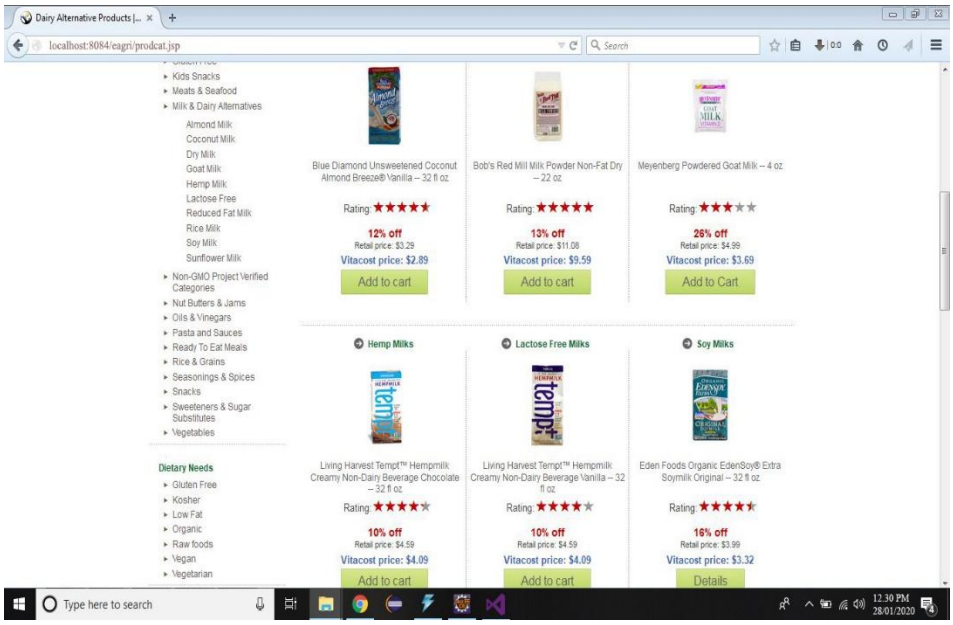


2. Login:

- This is provided to do the login.
- The Customer must have logged in to use the system.
- Here simply by entering your login details you can logged in

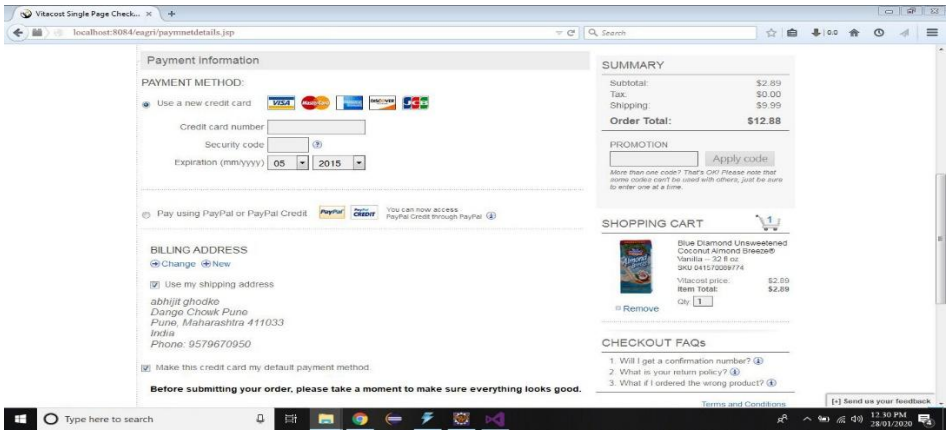
3. Purchase Product:

- Customer can search product, select, product, add that product to the cart.



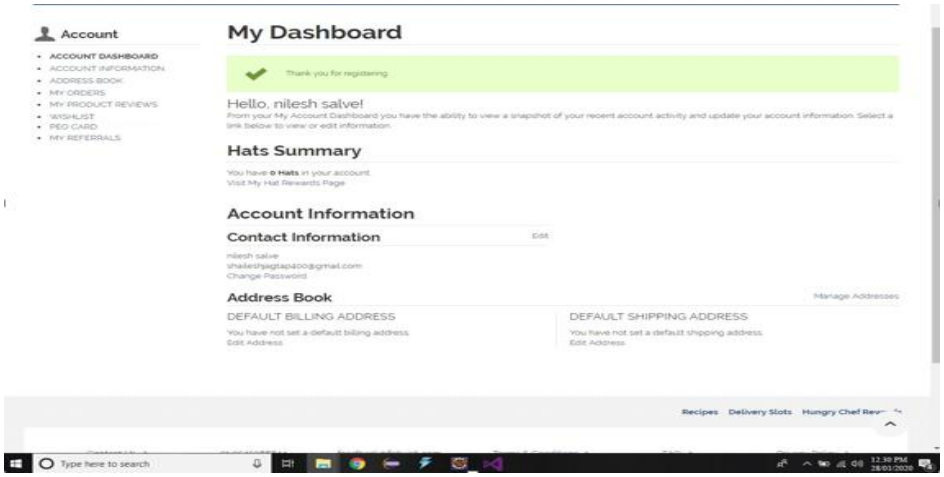
4. Payment:

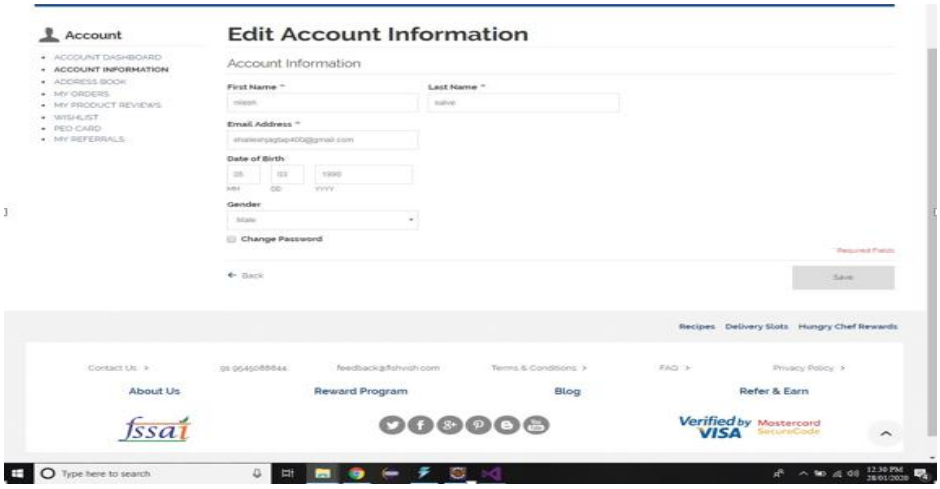
- Customer can pay bill by using online payment method or cash on delivery method



5. Update Profile:

- Here, customer can update his profile
- Customer can edit his personal information
- Customer can add his new address




Account
ACCOUNT DASHBOARD
ACCOUNT INFORMATION
ADDRESS BOOK
MY ORDERS
MY PRODUCT REVIEWS
WISHLIST
PEO CARD
MY REFERRALS
Edit Account Information
Account Information
First Name *
Last Name *
Email Address *
Date of Birth
Gender
Change Password
Back
Save
Recipes
Delivery Slots
Hungry Chef Rewards
Contact Us
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About Us
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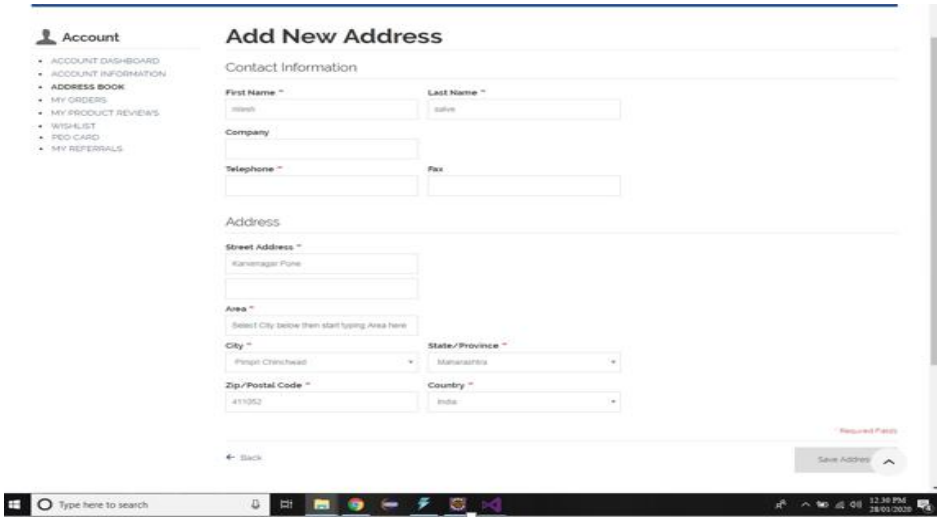
Blog
Refer & Earn
Type here to search


Account
ACCOUNT DASHBOARD
ACCOUNT INFORMATION
ADDRESS BOOK
MY ORDERS
MY PRODUCT REVIEWS
WISHLIST
PEO CARD
MY REFERRALS
Add New Address
Contact Information
First Name *
Last Name *
Company
Telephone *
Fax
Address
Street Address *
Area *
City *
State/Province *
Zip/Postal Code *
Country *
Back
Type here to search

4.3 Program Specifications

---

1. Login Module

Module Name	Authentication and Authorization	
Program Name	Login	
Purpose	Check authentication of user	
Event	Click on “Login” Button	
Input	**Constraints**	**Description**
Login Detail	The required field Should not be null	Login details gets checked against database
Output	Login details are checked against database to check the authentication of the user and user get direction to their respective page	

2. Add Dealer

Module Name	Add Dealer	
Program Name	Add Dealer	
Purpose	Add Dealer details	
Event	Click on “Submit” Button	
Input	**Constraints**	**Description**
Login Detail	The required field Should not be null	Customer details are Stored
Output	Dealer details are stored in the Dealer table and Admin gets acknowledgement message of record added	

DRAWBACKS & LIMITATIONS

- This system is not supported for multicurrency.
- This system is available in limited area.
- This system is not supported for Multilanguage's.
- Product view in not in video format.

PROPOSED ENHANCEMENTS

- Develop module for multicurrency.
- Adding new delivery location.
- Adding module for Multilanguage support.
- Adding product comparison.
- Adding product view in video format

CONCLUSION

From the consideration of all the above points we conclude that This **Annapurna Integrated System** Application is developed for online shopping purpose. This website is useful for customer, Dealer and employee. Customer is able to register and login into system. Customer is able to purchase product from this website he have a facility to pay amount online. Customer can create his shopping cart and manage his cart. Customer can also post his complaints on to the portal. Customer also facilities like wish list management, view order detail, order tracking, view shopping history, etc. In this website Dealer is able to add his product on shopping portal. Also able to view order details of customers. Dealer can select and purchase the package for adding product on website. Package contains number of items added on portal and validity of package. Dealer can view his account balance at any time. He can also able to track customer order and manage discount offers. Admin

is able to view and control other user of the system. He is able to add new category on website. Also he/she able to remove, blocks any user. He is able to manage package and security question on the portal. Also he can add new location or area in to the system. Employee on this portal is useful for providing support to customer for his order status and any other purpose. He can solve the query posted by customer. Also able to view orders and feedback of customer.

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- https://www.tutorialspoint.com/
- https://www.javatpoint.com/

Books –

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2) Alexis Leon (1999). Enterprise Resource Planning. New Delhi: Tata

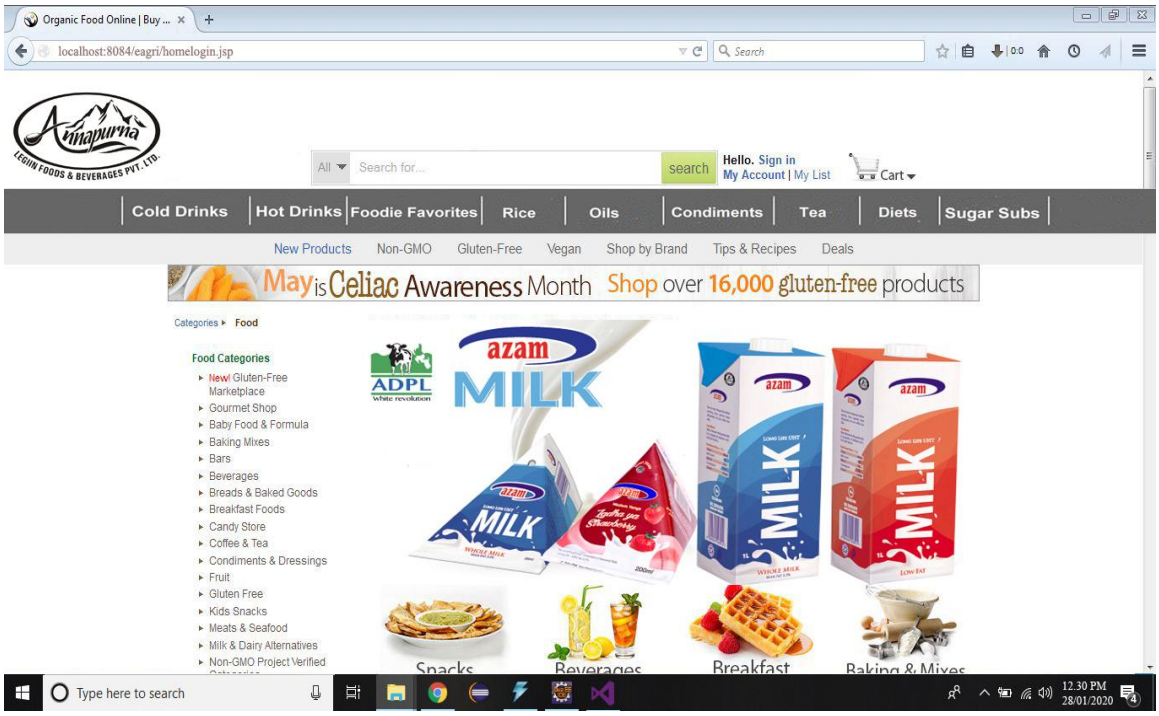
McGraw-Hill Publishing Company.

ANNEXURES

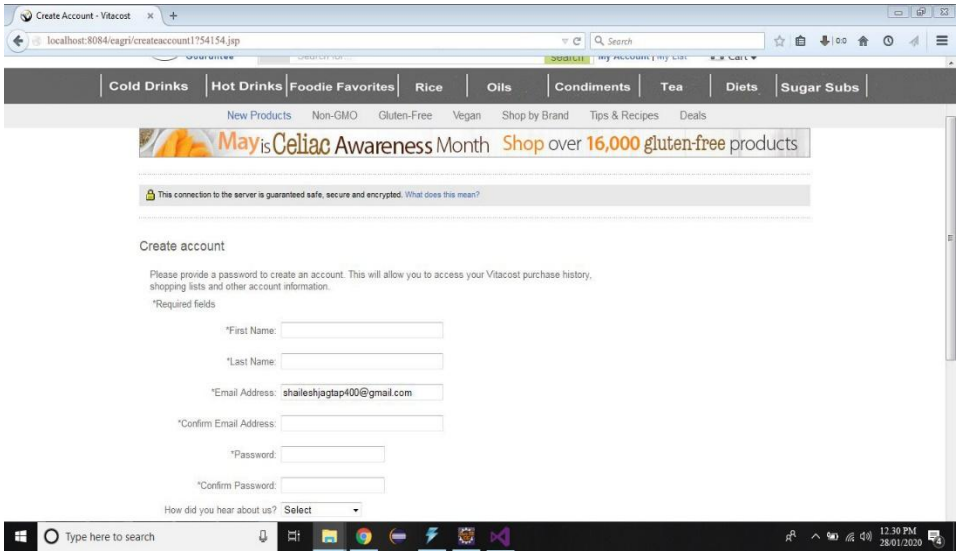
ANNEXURE 1: USER INTERFACE SCREENS

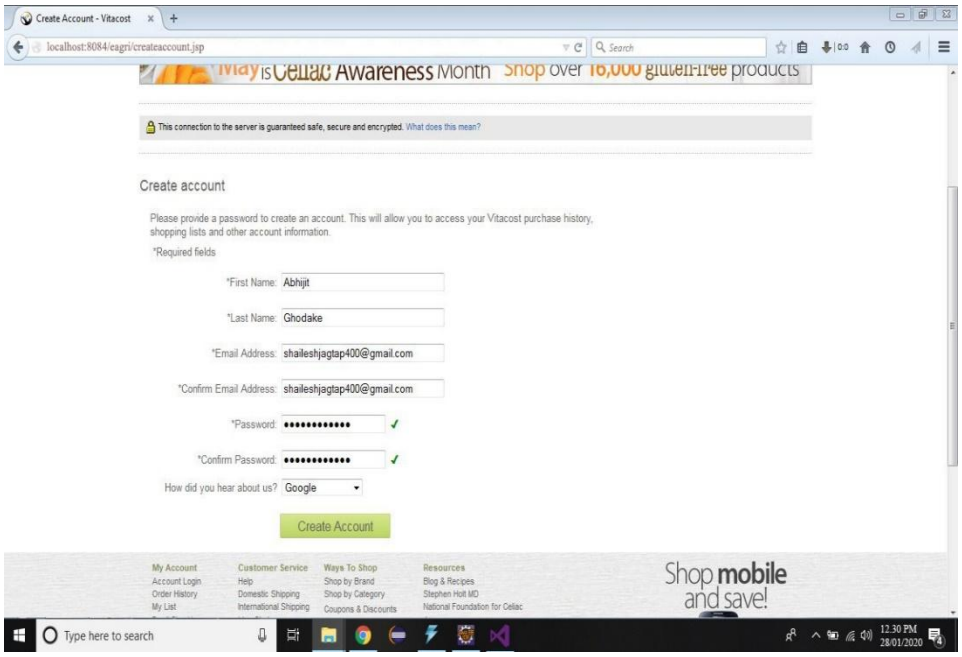
CUSTOMER

Home Page

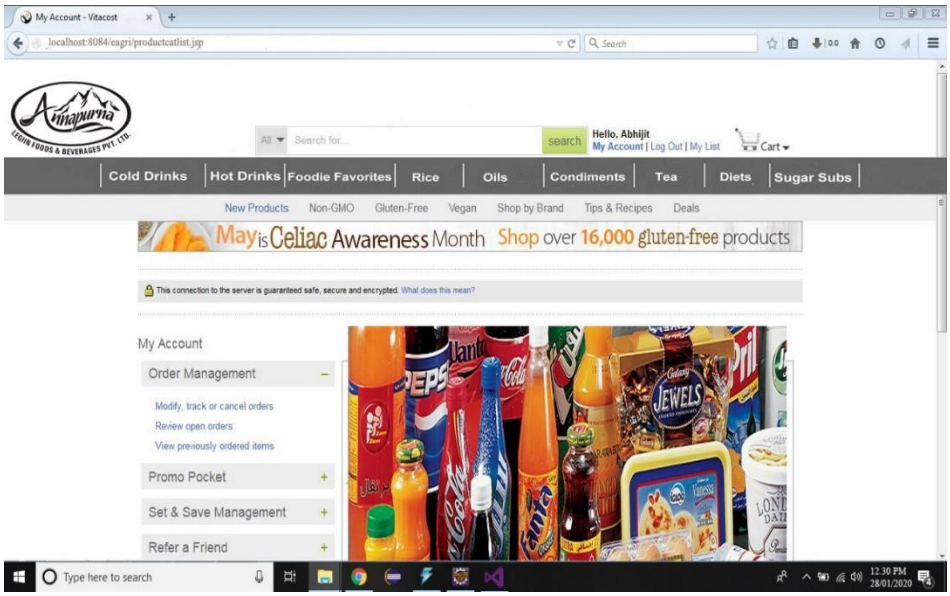


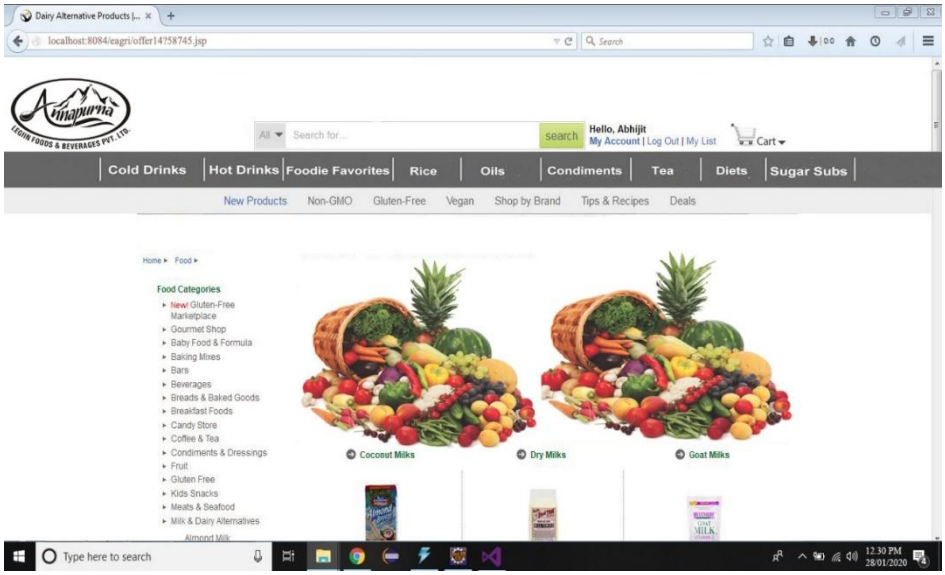
Create Account



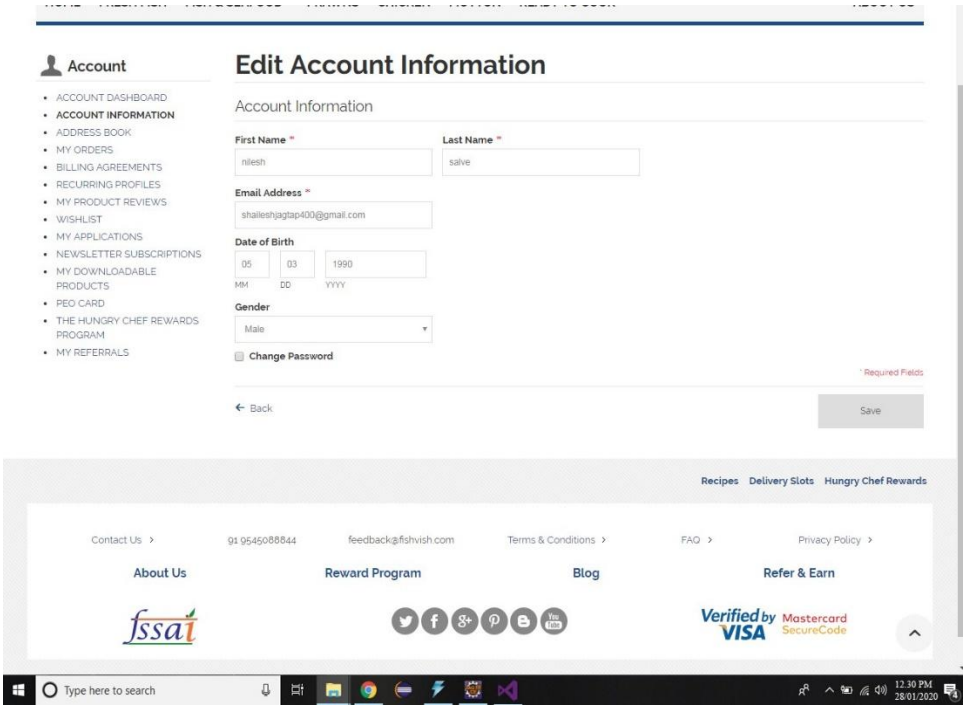


Customer Home

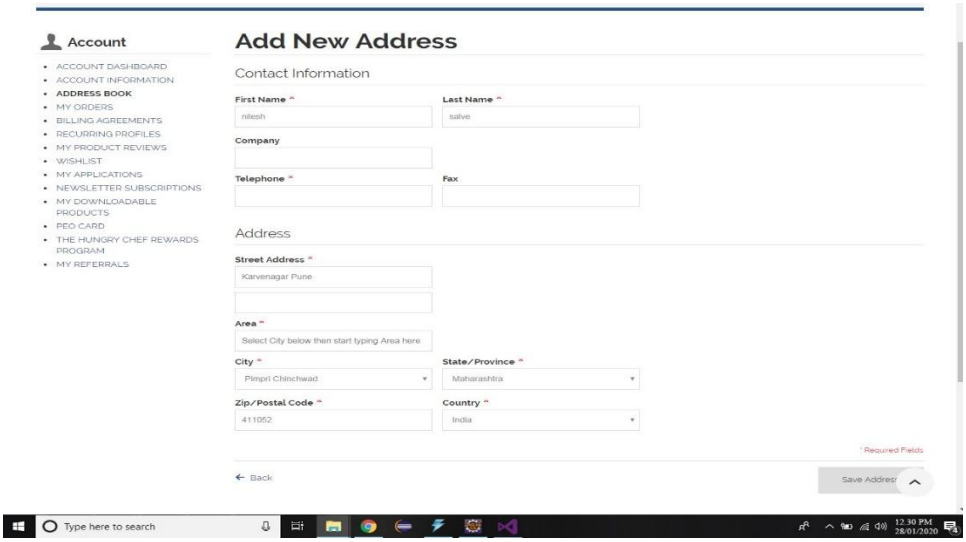




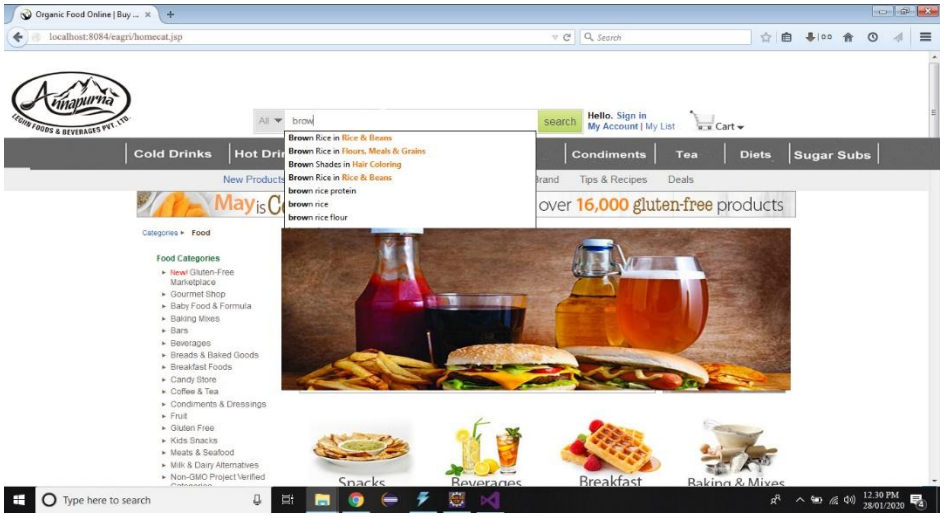
Edit Account Information



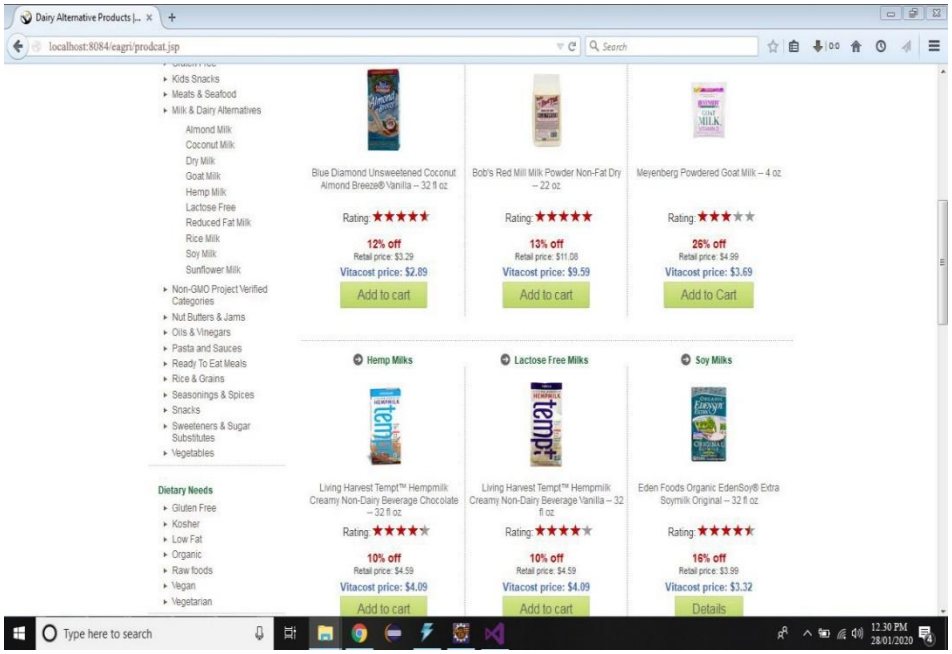
Add New Address



Search Product

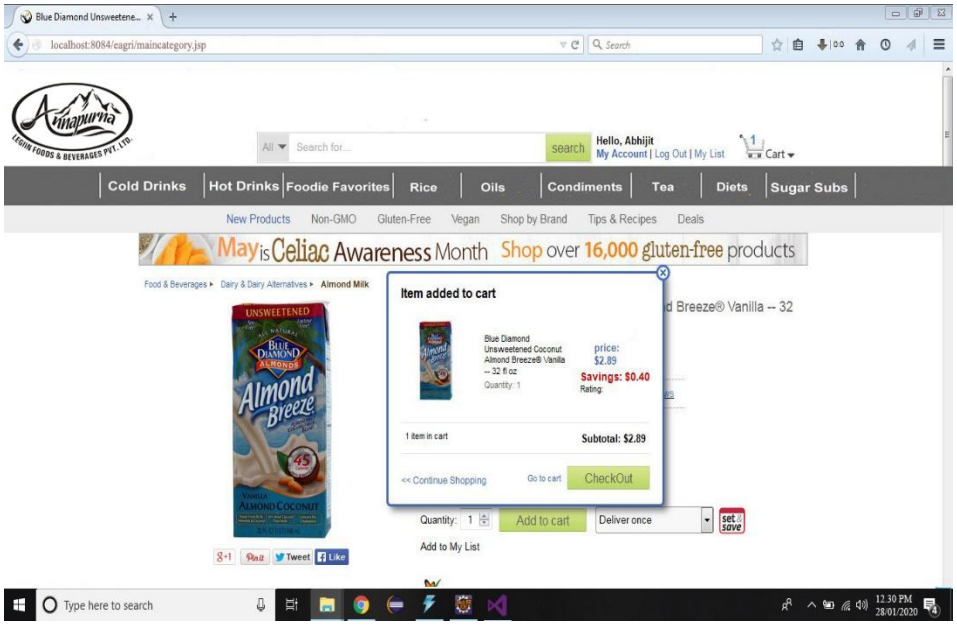


Purchase Product

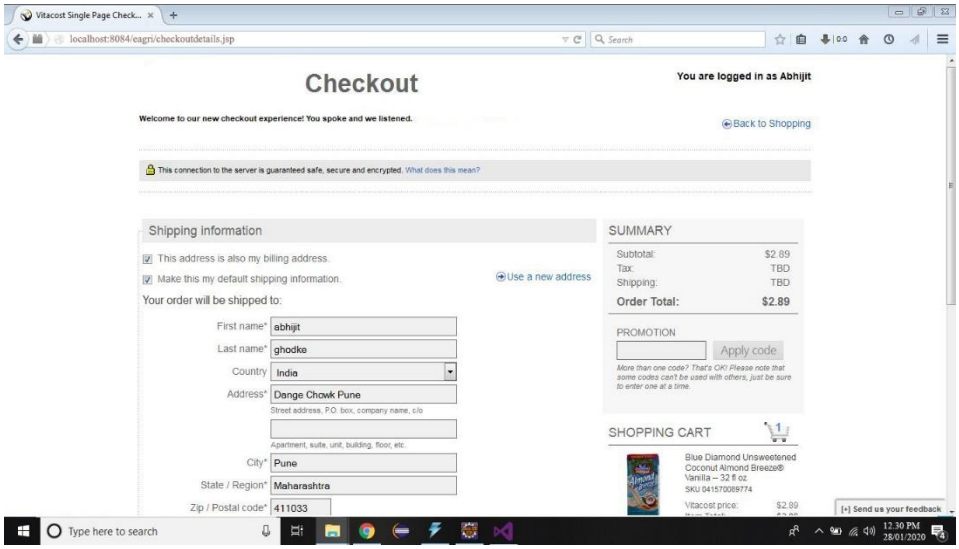


Blue Diamond Unsweetene...
localhost:8084/eagri/newproduct4758745.jsp
Search
Hello, Abhijit
My Account | Log Out | My List
Cart
Cold Drinks
Hot Drinks
Foodie Favorites
Rice
Oils
Condiments
Tea
Diets
Sugar Subs
New Products
Non-GMO
Gluten-Free
Vegan
Shop by Brand
Tips & Recipes
Deals
May is Celiac Awareness Month Shop over 16,000 gluten-free products
Food & Beverages ▸ Dairy & Dairy Alternatives ▸ Almond Milk
Blue Diamond Unsweetened Coconut Almond Breeze® Vanilla -- 32 fl oz
SKU #: 041570089774 Shipping Weight: 2.21 Servings: 4
Non-GMO
4.6 / 5 Out of 5 stars
Read all 22 reviews
$2.89
Retail $3.29 Save: 12%
In stock
Flavor: Vanilla
Quantity: 1
Add to cart
Deliver once
Add to My List
Type here to search
12:30 PM
28/01/2020

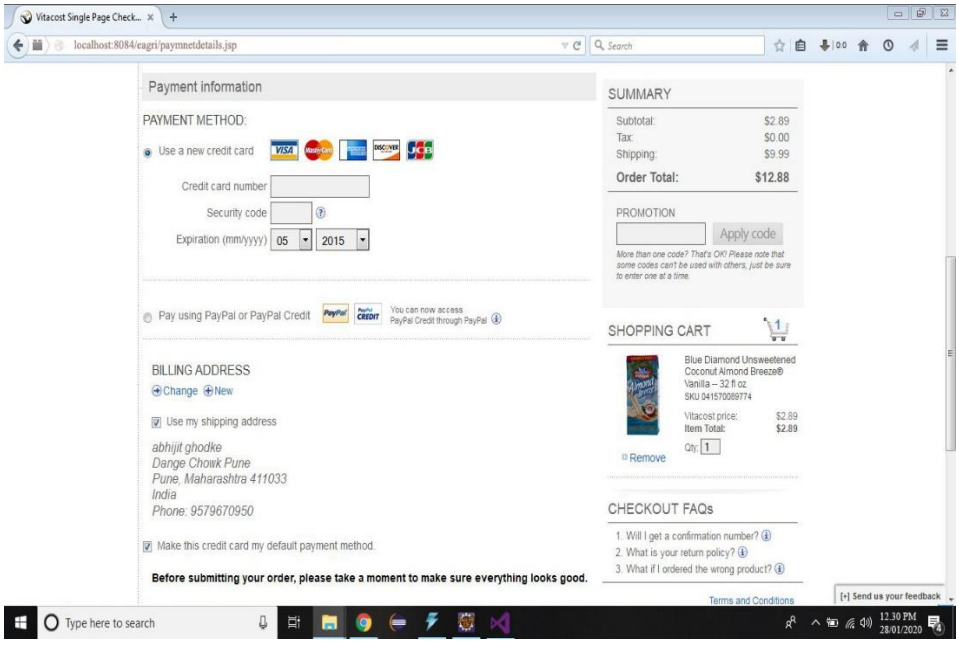
Add to Cart


Blue Diamond Unsweetene...
localhost:8084/eagri/maincategory.jsp
Search
Hello, Abhijit
My Account | Log Out | My List
Cart
Cold Drinks
Hot Drinks
Foodie Favorites
Rice
Oils
Condiments
Tea
Diets
Sugar Subs
New Products
Non-GMO
Gluten-Free
Vegan
Shop by Brand
Tips & Recipes
Deals
May is Celiac Awareness Month Shop over 16,000 gluten-free products
Food & Beverages ▸ Dairy & Dairy Alternatives ▸ Almond Milk
Item added to cart
Blue Diamond Unsweetened Coconut Almond Breeze® Vanilla -- 32 fl oz
Quantity: 1
price: $2.89
Savings: $0.40
Rating:
1 item in cart
Subtotal: $2.89
<< Continue Shopping
Go to cart
CheckOut
Quantity: 1
Add to cart
Deliver once
Add to My List
Type here to search
12:30 PM
28/01/2020

Product Checkout

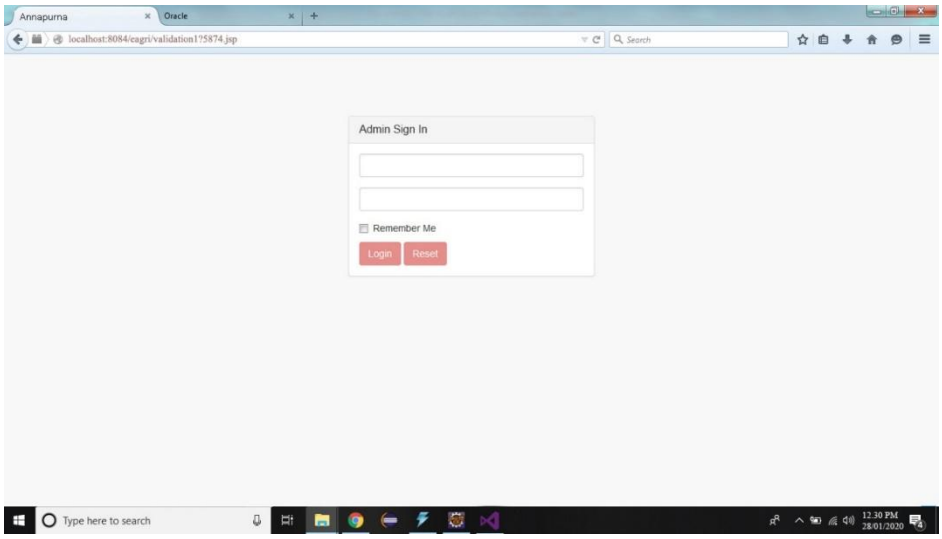


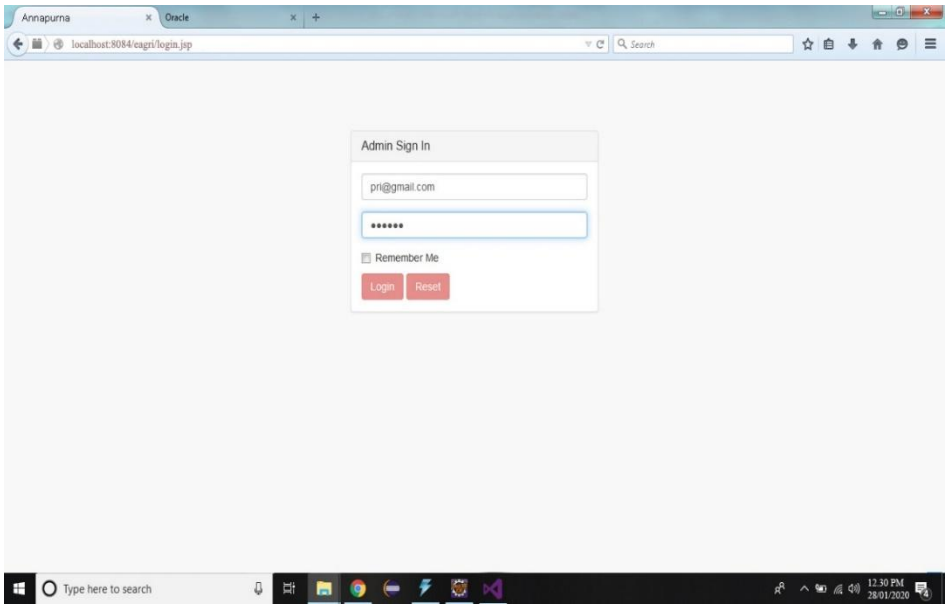
Payment



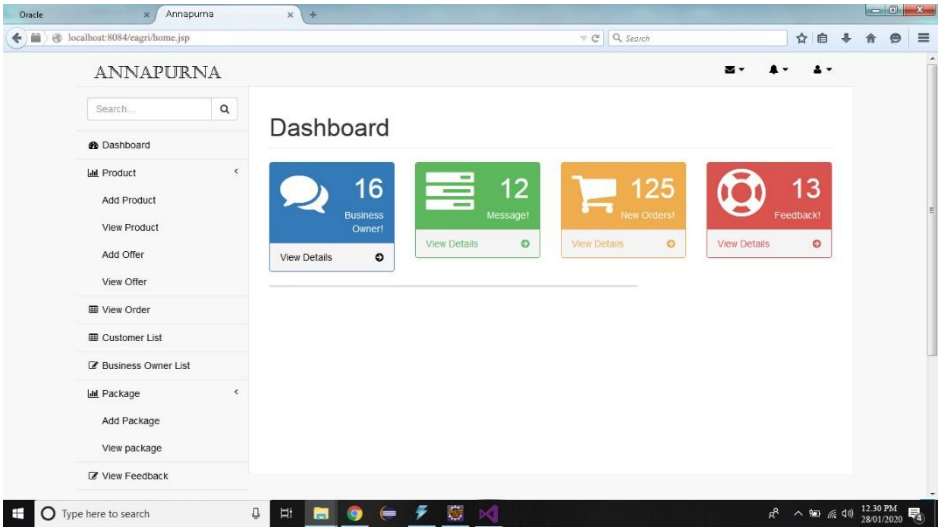
ADMIN

Login/ Sign In

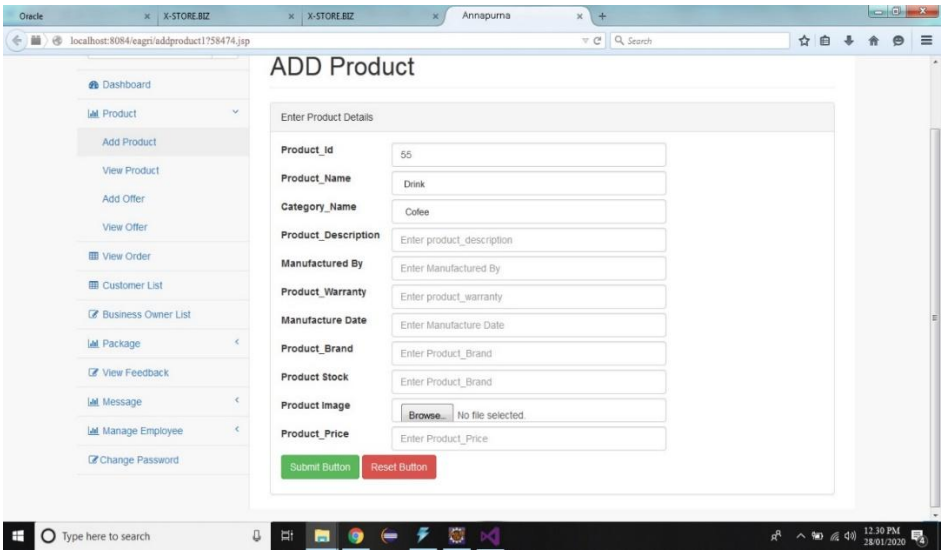




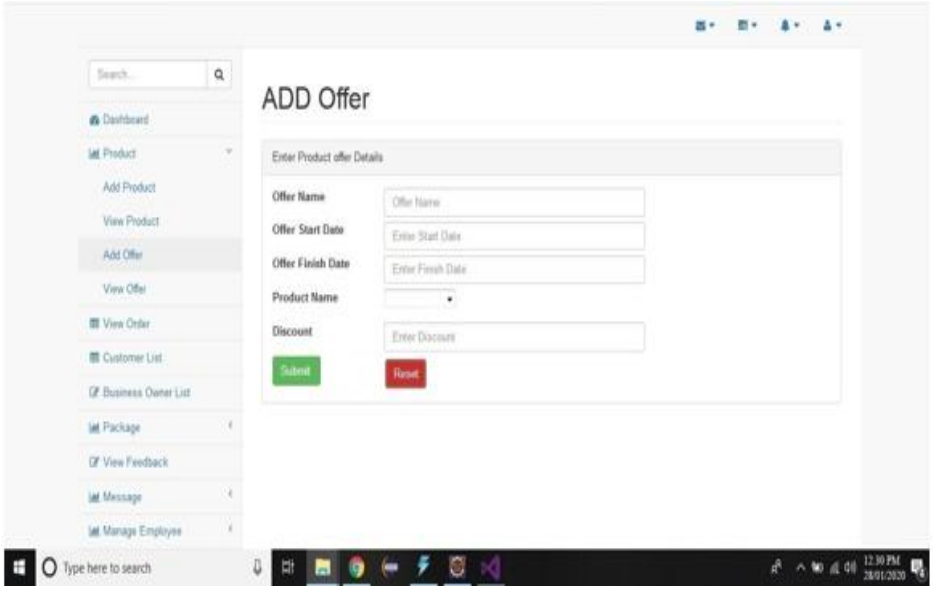
Dashboard / Home



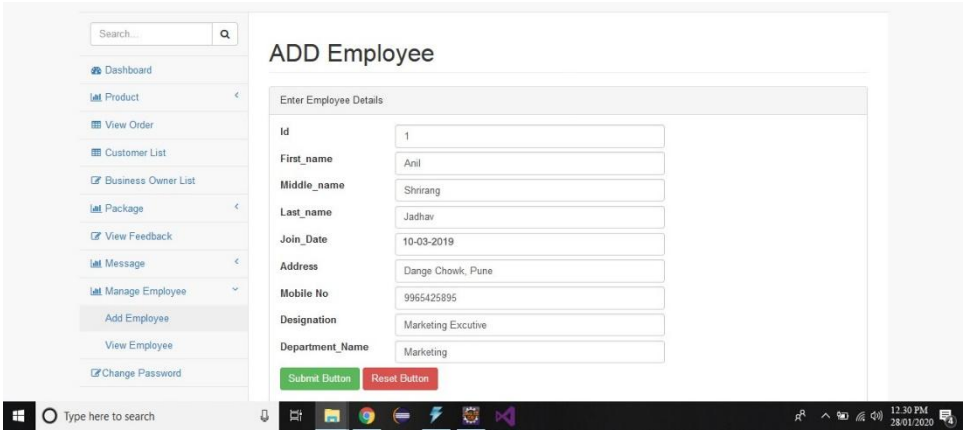
Add Product



Add Offer

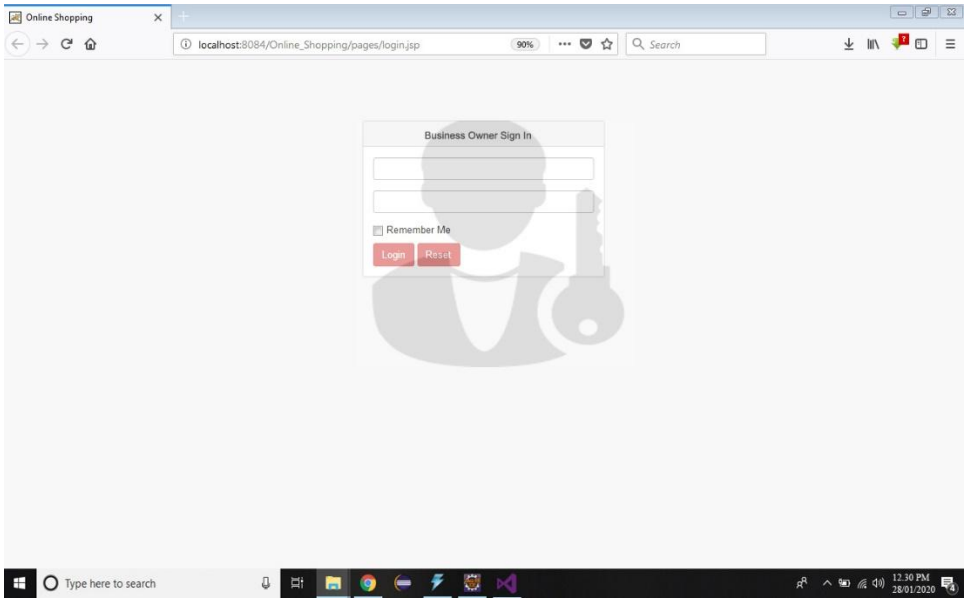


Add Employee

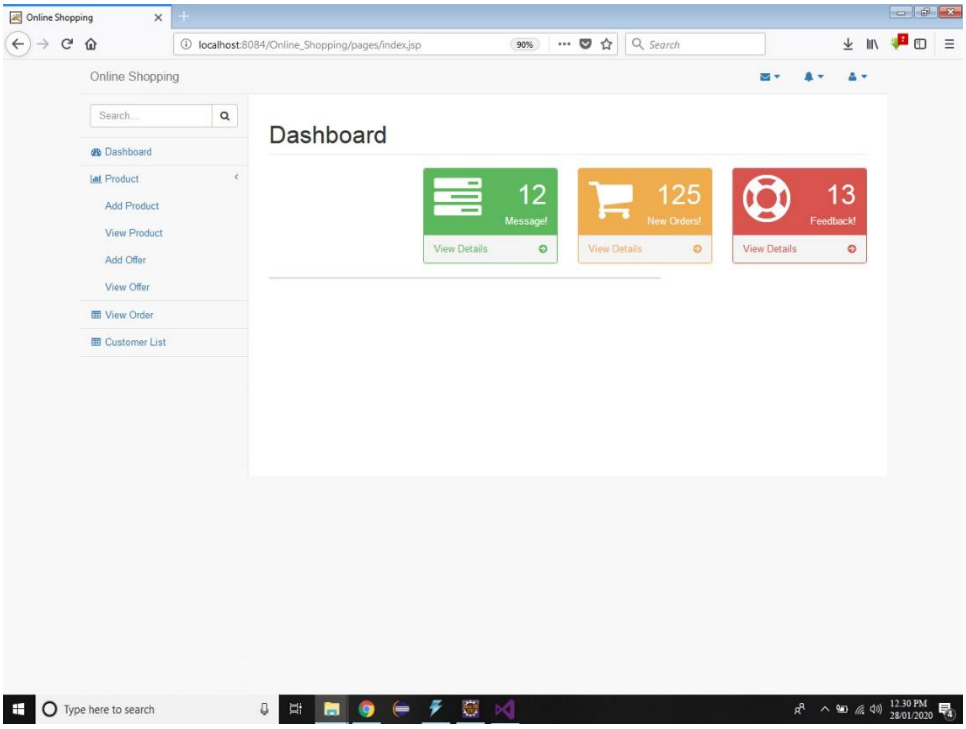


DEALER

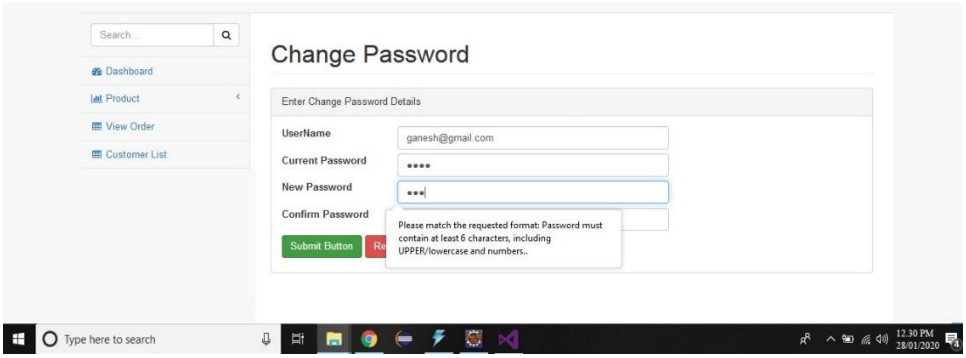
Login/ Sign In



Dealer Dashboard

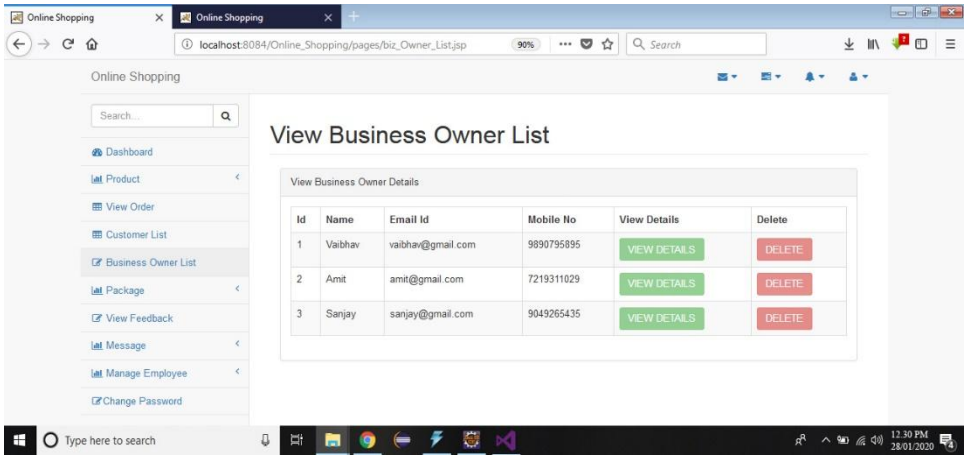


Change Password

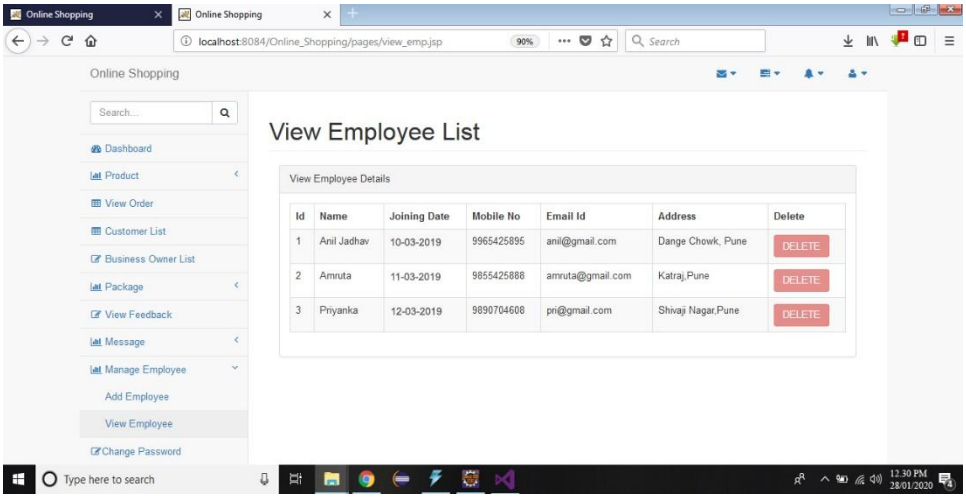


ANNEXURE 2: OUTPUT REPORTS WITH DATA

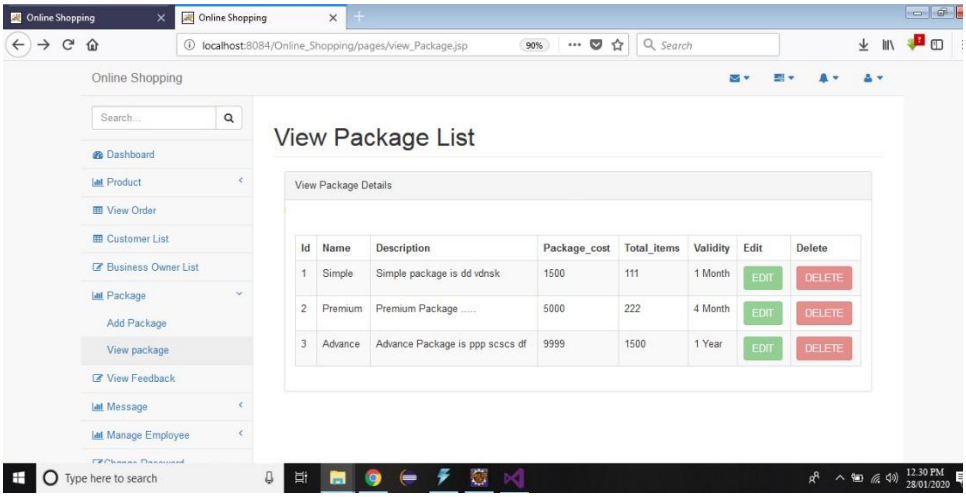
View Business Owner/Dealers List/ Report



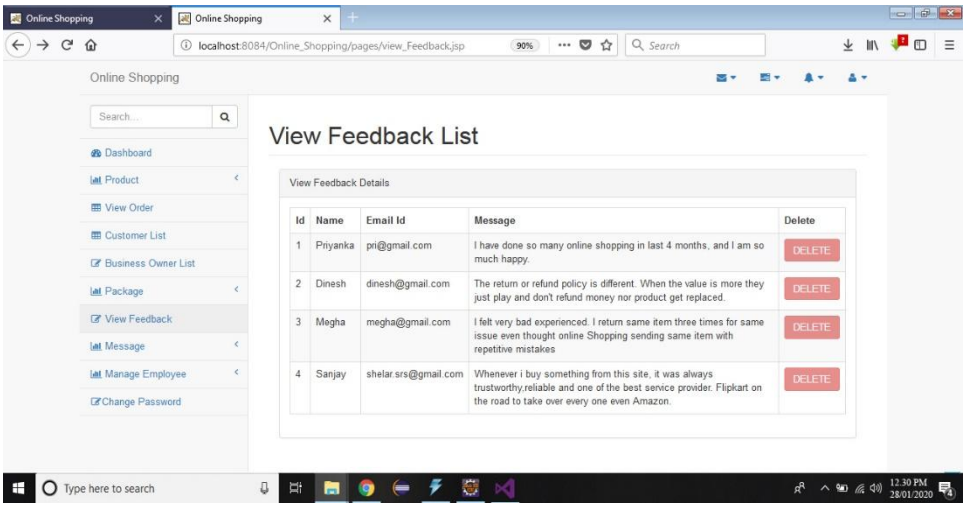
View Employee List/ Report



View Packages List/ Reports



View Feedback Reports



ANNEXURE 3: SAMPLE CODE

Add Package

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
    <title>DAIRY</title>


    <!-- Bootstrap Core CSS -->
    <link
href="../bower_components/bootstrap/dist/css/bootstrap.min.css"
rel="stylesheet">
    <!-- MetisMenu CSS -->
    <link
href="../bower_components/metisMenu/dist/metisMenu.min.css"
rel="stylesheet">
    <!-- Custom CSS -->
```

```
    <link href="../dist/css/sb-admin-2.css" rel="stylesheet">

    <!-- Custom Fonts -->

    <link href="../bower_components/font-awesome/css/font-
awesome.min.css" rel="stylesheet" type="text/css">




</head>

<body >

    <div id="wrapper">

        <!-- Navigation -->

        <nav class="navbar navbar-default navbar-static-top"
role="navigation" style="margin-bottom: 0">

            <div class="navbar-header">
```

```
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target=".navbar-collapse">
                    <span class="sr-only">Toggle navigation</span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="index.jsp">E-agri</a>
            </div>
            <!-- /.navbar-header -->
            <ul class="nav navbar-top-links navbar-right">
                <li class="dropdown">
                    <a class="dropdown-toggle" data-toggle="dropdown"
href="#">
```

```
                    <i class="fa fa-envelope fa-fw"></i>  <i class="fa fa-
caret-down"></i>
                </a>
                <!-- /.dropdown-messages -->
            </li>
            <!-- /.dropdown -->
            <li class="dropdown">
                <a class="dropdown-toggle" data-toggle="dropdown"
href="#">
                    <i class="fa fa-tasks fa-fw"></i>  <i class="fa fa-
caret-down"></i>
                </a>
                <ul class="dropdown-menu dropdown-tasks">
                    <li>
```

```
                    <a href="#">
                        <div>
                            <p>
                                <strong>Task 1</strong>
                                <span class="pull-right text-muted">40%
Complete</span>
                            </p>
                            <div class="progress progress-striped
active">
                                <div class="progress-bar progress-bar-
success" role="progressbar" aria-valuenow="40" aria-valuemin="0"
aria-valuemax="100" style="width: 40%">
                                    <span class="sr-only">40% Complete
(success)</span>
                                </div>
```

```
                    </div>
                </div>
            </a>
        </li>
        <li class="divider"></li>
        <li>
            <a href="#">
                <div>
                    <p>
                        <strong>Task 2</strong>
                        <span class="pull-right text-muted">20%
Complete</span>
                    </p>
```

```
                        <div class="progress progress-striped
active">
                            <div class="progress-bar progress-bar-info"
role="progressbar" aria-valuenow="20" aria-valuemin="0" aria-
valuemax="100" style="width: 20%">
                                <span class="sr-only">20%
Complete</span>
                            </div>
                        </div>
                    </a>
                </li>
                <li class="divider"></li>
                <li>
                    <a href="#">
```

```
                    <div>
                        <p>
                            <strong>Task 3</strong>
                            <span class="pull-right text-muted">60%
Complete</span>
                        </p>
                        <div class="progress progress-striped
active">
                            <div class="progress-bar progress-bar-
warning" role="progressbar" aria-valuenow="60" aria-valuemin="0"
aria-valuemax="100" style="width: 60%">
                                <span class="sr-only">60% Complete
(warning)</span>
                            </div>
                        </div>
```

```
                </div>
            </a>
        </li>
        <li class="divider"></li>
        <li>
            <a href="#">
                <div>
                    <p>
                        <strong>Task 4</strong>
                        <span class="pull-right text-muted">80%
Complete</span>
                    </p>
                    <div class="progress progress-striped
active">
```

```
                                <div class="progress-bar progress-bar-
danger" role="progressbar" aria-valuenow="80" aria-valuemin="0"
aria-valuemax="100" style="width: 80%">
                                    <span class="sr-only">80% Complete
(danger)</span>
                                </div>
                            </div>
                        </div>
                    </a>
                </li>
                <li class="divider"></li>
                <li>
                    <a class="text-center" href="#">
                        <strong>See All Tasks</strong>
```

```
                                <i class="fa fa-angle-right"></i>

                            </a>

                        </li>

                    </ul>

                    <!-- /.dropdown-tasks -->

                </li>

                <!-- /.dropdown -->

                <li class="dropdown">

                    <a class="dropdown-toggle" data-toggle="dropdown"
href="#">

                        <i class="fa fa-bell fa-fw"></i>  <i class="fa fa-caret-
down"></i>

                    </a>

                    <ul class="dropdown-menu dropdown-alerts">
```

```
                    <li>
                        <a href="#">
                            <div>
                                <i class="fa fa-comment fa-fw"></i> New
Comment
                                <span class="pull-right text-muted small">4
minutes ago</span>
                            </div>
                        </a>
                    </li>
                    <li class="divider"></li>
                    <li>
                        <a href="#">
                            <div>
```

 3 New Followers

12 minutes ago

<li class="divider">

<a href="#">

 Message Sent

4 minutes ago

```
                </div>
            </a>
        </li>
        <li class="divider"></li>
        <li>
            <a href="#">
                <div>
                    <i class="fa fa-tasks fa-fw"></i> New Task
                    <span class="pull-right text-muted small">4
minutes ago</span>
                </div>
            </a>
        </li>
        <li class="divider"></li>
```

```
                    <li>
                        <a href="#">
                            <div>
                                <i class="fa fa-upload fa-fw"></i> Server
Rebooted
                                <span class="pull-right text-muted small">4
minutes ago</span>
                            </div>
                        </a>
                    </li>
                    <li class="divider"></li>
                    <li>
                        <a class="text-center" href="#">
                            <strong>See All Alerts</strong>
```

```
                                <i class="fa fa-angle-right"></i>

                            </a>

                        </li>

                    </ul>

                    <!-- /.dropdown-alerts -->

                </li>

                <!-- /.dropdown -->

                <li class="dropdown">

                    <a class="dropdown-toggle" data-toggle="dropdown"
href="#">

                        <i class="fa fa-user fa-fw"></i>  <i class="fa fa-
caret-down"></i>

                    </a>

                    <ul class="dropdown-menu dropdown-user">
```

```
                    <li><a href="#"><i class="fa fa-user fa-fw"></i>
User Profile</a>
                    </li>
                    <li><a href="#"><i class="fa fa-gear fa-fw"></i>
Settings</a>
                    </li>
                    <li class="divider"></li>
                    <li><a href="login.html"><i class="fa fa-sign-out fa-
fw"></i> Logout</a>
                    </li>
                </ul>
                <!-- /.dropdown-user -->
            </li>
            <!-- /.dropdown -->
```

```
            </ul>
            <!-- /.navbar-top-links -->
        <div class="navbar-default sidebar" role="navigation">
                <div class="sidebar-nav navbar-collapse">
                    <ul class="nav" id="side-menu">
                        <li class="sidebar-search">
                            <div class="input-group custom-search-form">
                                <input type="text" class="form-control"
placeholder="Search...">
                                <span class="input-group-btn">
                                <button class="btn btn-default" type="button">
                                    <i class="fa fa-search"></i>
                                </button>
                            </span>
```

```
                </div>
                <!-- /input-group -->
            </li>
            <li>
                <a href="index.php"><i class="fa fa-dashboard fa-
fw"></i> Dashboard</a>
            </li>
            <li>
                <a href="#"><i class="fa fa-bar-chart-o fa-
fw"></i> Product<span class="fa arrow"></span></a>
                <ul class="nav nav-second-level">
                    <li>
                        <a href="add_product.jsp">Add Product</a>
                    </li>
```

```
                        <li>
                            <a href="view_Product.jsp">View
Product</a>
                        </li>
                       <li>
                            <a href="add_offer.jsp">Add Offer</a>
                        </li>
                        <li>
                            <a href="view_offer.jsp">View Offer</a>
                        </li>

                    </ul>
                    <!-- /.nav-second-level -->
                </li>
```

```
<li>

<a href="view_Order.jsp"><i class="fa fa-table fa-
fw"></i> View Order</a>

</li>

<li>

<a href="cust_List.jsp"><i class="fa fa-table fa-
fw"></i> Customer List</a>

</li>

<li>

<a href="biz_Owner_List.jsp"><i class="fa fa-edit
fa-fw"></i> Business Owner List</a>

</li>

<li>

<a href="#"><i class="fa fa-bar-chart-o fa-
fw"></i> Package<span class="fa arrow"></span></a>
```

```
                        <ul class="nav nav-second-level">
                            <li>
                                <a href="add_Package.jsp">Add Package</a>
                            </li>
                            <li>
                                <a href="view_Package.jsp">View
package</a>
                            </li>


                        </ul>
                        <!-- /.nav-second-level -->
                    </li>
                     <li>
```

```
                    <a href="view_Feedback.jsp"><i class="fa fa-edit
fa-fw"></i> View Feedback</a>
                </li>
                <li>
                    <a href="#"><i class="fa fa-bar-chart-o fa-
fw"></i> Message<span class="fa arrow"></span></a>
                    <ul class="nav nav-second-level">
                        <li>
                            <a href="send_Message.jsp">Send
Message</a>
                        </li>
                        <li>
                            <a href="view_Message.jsp">View
Message</a>
                        </li>
```

```
                </ul>
            </li>
            <li>
                <a href="#"><i class="fa fa-bar-chart-o fa-
fw"></i> Manage Employee<span class="fa arrow"></span></a>
                <ul class="nav nav-second-level">
                    <li>
                        <a href="add_emp.jsp">Add Employee</a>
                    </li>
                    <li>
                        <a href="view_emp.jsp">View
Employee</a>
                    </li>
```

```
                        </ul>

                        <!-- /.nav-second-level -->

                    </li>



                    <li>

                        <a href="Change_Password.jsp"><i class="fa fa-
edit fa-fw"></i>Change Password</a>

                    </li>

                </ul>

            </div>

            <!-- /.sidebar-collapse -->

        </div>

        <!-- /.navbar-static-side -->

    </nav>
```

```
<div id="page-wrapper">
    <div class="row">
        <div class="col-lg-12">
            <h1 class="page-header">ADD Package</h1>
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
    <div class="row">
        <div class="col-lg-12">
            <div class="panel panel-default">
                <div class="panel-heading">
```

Enter Package Details

```
</div>


<div class="panel-body">
    <div class="row">
        <div class="col-lg-10">
            <form action="#" method="post">
             <div>
                <div style="height:40px;">
                <div id="l"> <label>Id</label></div>
                <div id="s">
                <input type="text" class="form-control"
name="id" placeholder="Enter Package Id" required x-moz-
errormessage="Enter Package ID">
                </div>
```

```
</div>

<div style="height:40px;">

<div id="l">

<label>Package_name</label></div>

<div id="s">

<input type="text" class="form-control"

name="n" placeholder="Enter Package Name" required x-moz-

errormessage="Enter Package name" >

</div>

</div>

<div style="height:40px;">

<div id="l">

<label>Package_description</label></div>
```

<input type="text" class="form-control" name="d" placeholder="Enter Package Description" required x-moz-errormessage="Enter Package Description">

<label>Package_cost</label>

<input type="text" class="form-control" name="c" placeholder="Enter Package Cost" required x-moz-errormessage="Enter Package Cost">

<label>Total_items</label>

<input type="text" class="form-control" name="i" placeholder="Enter Total Items" required x-moz-errormessage="Enter Total Items">

<label>Validity</label>

```
                                <input type="text" class="form-control"
name="v" placeholder="Enter Validity" required x-moz-
errormessage="Enter Validity">
                                </div>
                                </div>
                                </div>
                                <div style="height:40px;">
                                 <button type="submit" class="btn btn-
success">Submit Button</button>
                                <button type="reset" class="btn btn-
danger">Reset Button</button>
                                </div>
                              </form>
                            </div>
                            <!-- /.col-lg-6 (nested) -->
```

```
                        <!-- /.col-lg-6 (nested) -->
                    </div>
                    <!-- /.row (nested) -->
                </div>
                <!-- /.panel-body -->
            </div>
            <!-- /.panel -->
        </div>
        <!-- /.col-lg-12 -->
    </div>
    <!-- /.row -->
</div>
<!-- /#page-wrapper -->
```

```
    </div>

    <!-- /#wrapper -->



    <!-- jQuery -->

    <script
src="../bower_components/jquery/dist/jquery.min.js"></script>



    <!-- Bootstrap Core JavaScript -->

    <script
src="../bower_components/bootstrap/dist/js/bootstrap.min.js"></scri
pt>



    <!-- Metis Menu Plugin JavaScript -->
```

```
    <script
src="../bower_components/metisMenu/dist/metisMenu.min.js"></sc
ript>

    <!-- Custom Theme JavaScript -->
    <script src="../dist/js/sb-admin-2.js"></script>

</body>

</html>
```

Insert code pk

```
<%--
```

```
    Document   : add_pk2
    Created on : Apr 15, 2015, 4:15:27 PM
    Author     : sanjay
--%>


<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
```

```
<%@page import="java.sql.*"%>

<%@page import="oracle.jdbc.driver.*" %>

<%@page import="oracle.sql.*" %>

<%@page import="oracle.jdbc.driver.OracleDriver"%>




<%

    String id=request.getParameter("id");

     String name=request.getParameter("n");

     String des=request.getParameter("d");

     String cost=request.getParameter("c");

     String item=request.getParameter("i");

     String vali=request.getParameter("v");
```

```
    Class.forName("oracle.jdbc.driver.OracleDriver");

    Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe
", "gst", "gst");



     Statement st = con.createStatement();

      String query="insert into pk
values('"+id+"','"+name+"',"+des+","+cost+","+item+","+vali+")";

      st.executeQuery(query);
```

```
%>

    </body>

</html>
```