PROJECT REPORT

ON

Canvas – Crafts & Paintings

BY

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CERTIFICATE

This is to certify that the Project Report entitled ***"Canvas(Crafts & Paintings)"*** is prepared by ***Shalaka Sanjay Deshmukh,*** 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 SavitribaiPhule Pune University.

To the best of our knowledge, this is original study done by the said student and important sources used by her 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 SavitribaiPhule Pune University.

Dr. Ravindra Vaidya ***Dr. Santosh Deshpande***

HOD, Department of MCA, IMCC ***Director, IMCC***

Acknowledgement

I present with pride and pleasure the project report of "Canvas (Crafts & Paintings)" aimed to the supplement has required under the regulation of University of Pune.

Firstly, I would like to thank Dr. Santosh Deshpande (Director, IMCC) & Dr. Ravindra Vaidya (HOD) for their guidance throughout the course of development of the project. I also express my special thanks to internal project advisor Mrs. Shilpa Parlikar for being a constant source of inspiration and assistance in the all phases of project work.

I am thankful to external project advisor Mr. Shrikant Mhaske for providing me his valuable time for the guidance support. Finally, I am extremely thankful to all teaching and non-teaching staff without whom this project would have been a distant reality.

Shalaka Deshmukh

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CHAPTER 1

INTRODUCTION:

1.1 Company Profile

1.2 Existing System and Need for System

- This existing system maintain all the data in register and handles all the details using files. This system maintains employee and customer details for crafts and painting product. Basically system provides human resources for system to increase sale of crafts product.
- This system handles all the details of the customer as well as sales order of the customer. It generates bill and payment details.
- Supplier is used to handle all the purchase details and also maintain stock details.
- Existing System maintains all data in excel and word and also use tally billing at only client side so if the computer system may crash we lost all data. In this system only one computer handle all the data maintain by staff or employee.

- **Problems of the Existing system**

  - It is difficult to generate reports for working efficiency and methods which are daily required.
  - Bill generation done by manually.
  - Updations need time.
  - Data is not updated accurately.
  - Payment receipt may be not generated manually so its very difficult to search whether payment done or not.
  - There are possibilities of human error while calculating or omitting of any operations.

Need for the system:

- **Less Expensive:**

  Have you ever advertised your business through various forms such as printed media, radio, television or by other means? It's expensive! Investing in advertising is necessary,but it takes a lot of money. Having a website will make promoting our company less expensive. Many versions of offline advertising available on the internet are sometimes free.

- **Satisfaction:**

  Having a website will be more convenient for our customers and leads. It is very easy for our customers to purchase from us. Many will be more likely to visit our website, rather than driving a car to our physical location and browsing for our products. From a customer's point of

view, it's better for them if they don't have to ask anything. They can just find what they're looking for on our online site.

- **Increase Customers:**

  Most businesses have local popularity, but what about potential customers outside their city? A website can help you generate more customers. Not just outside our city, but worldwide. The internet offers a global community. With a website, our business will be visible around the world.

- **Accessibility:**

  Have you ever experienced having to turn customers away because it's closing time? Well, you don't have to close the doors of our website. An online site can be visited any time of the day or night. People will look to our site instead

of going to our shop because it is more accessible. Just make sure to post enough information about our products and services.

- **Access to Info:**

  We can actually track everything that is happening on our website. We can even look for information that will tell us how many people visited to our site, or how many people messaged or emailed us.We can access the progress of our website and view all its pages. We can even make an update anytime, making it much less expensive than printed material.

- **Links:**

  Links are very important to viral marketing. If we have many sites linking, it is like spreading the information about our company all around the world. If we have a good

website with good content related to information, products or services, people are more likely to link our website to theirs. This means they recognize our website as valuable.

- **Better Relationship:**

  Having a website can build better relationships with your customers. We can send messages instantly to our customers through email. Also, our customers can review our products online and can also leave feedback for us and our business. It's best to always send our customer a message. This is essential for building a good relationship with them.We can even give them more information about our business through messages or emails.

- **Increase Sales:**

  We can drive more people to our site by consistently updating and promoting the contents of our site. The more informative our site is, the greater the possibility of increasing our sales.

1.3 Scope of Work:

Crafts and painting website is a unique medium for artist and as well as customer who can buy and sell their crafts idea and painting .There is no online platform for only crafts and paintings .These website is used to handle all the details of the registration as well as login to access authorized user. Unique feature of the system is they can share every data with customer and also gives review about the crafts and paintings.User can select product according to review and feedback so it get more idea about it.

Scope:

- Customer
- Category
- Painting types
- Product sales order
- Delivery and invoice process
- Share review
- Rate crafts and painting
- Complaint
- Feedback

1.4 Operating environment- Hardware and Software:

- **HARDWARE PLATFORM**

MICROPROCESSOR : PENTIUM IV and above

RAM : 256 and above

HDD : 40 GB and above

PRINTER : DOT MATRIX/LASER JET

- **SOFTWARE PLATFORM**

FRONTEND : JSP/HTML/CSS

BACKEND : MYSQL

OPERATING SYSTEM :WINDOWS XP/VISTA/2003or above

1.5 Detailed Description Of Technology Used:

Front End:

- **HTML:**

- HTML stands for Hyper Text Markup Language.
- HTML describes the structure of a Web page.
- HTML consists of a series of elements.
- HTML elements tell the browser how to display the content.
- HTML elements are represented by tags.
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on.
- Browsers do not display the HTML tags, but use them to render the content of the page.

- **CSS:**

- CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes. The style definitions are normally saved in external .css files.
- With an external stylesheet file, you can change the look of an entire website by changing just one file.

- **JSP:**

- JavaServer Pages (JSP) is a technology that helps software developers create dynamically generated web pages based on HTML, XML, or other document types. Released in 1999 by Sun Microsystems, JSP is similar to PHP and ASP, but it uses the Java programming language.

- To deploy and run JavaServer Pages, a compatible web server with a servlet container, such as Apache Tomcat is required.
- JSP pages use several delimiters for scripting functions. The most basic is <% ... %>, which encloses a JSP scriptlet. A scriptlet is a fragment of Java code that is run when the user requests the page. Other common delimiters include <%= ... %> for expressions, where the scriptlet and delimiters are replaced with the result of evaluating the expression, and directives denoted with <%@ ... %>.

- Java code is not required to be complete or self-contained within a single scriptlet block. It can straddle markup content, provided that the page as a whole is syntactically correct. For example, any Java if/for/while blocks opened in one scriptlet must be correctly closed in a later scriptlet for the page to successfully compile.

- Architecturally, JSP may be viewed as a high-level abstraction of Java servlets. JSPs are translated into servlets at runtime, therefore JSP is a Servlet; each JSP servlet is cached and re-used until the original JSP is modified.
- JSP allows Java code and certain predefined actions to be interleaved with static web markup content, such as HTML, with the resulting page being compiled and executed on the server to deliver a document. The compiled pages, as well as any dependent Java libraries, contain Java bytecode rather than machine code. Like any other Java program, they must be executed within a Java virtual machine (JVM) that interacts with the server's host operating system to provide an abstract, platform-neutral environment.

- JSPs are usually used to deliver HTML and XML documents, but through the use of OutputStream, they can deliver other types of data as well.
- The Web container creates JSP implicit objects like request, response, session, application, configuration, page, pageContext, out and exception. JSP Engine creates these objects during translation phase.

Back End

➢ MYSQL:

- MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

- A database is a separate application that stores a collection of data. Each database has one or more distinct APIs for creating, accessing, managing, searching and replicating the data it holds.
- Other kinds of data stores can also be used, such as files on the file system or large hash tables in memory but data fetching and writing would not be so fast and easy with those type of systems.
- MySQL is a fast, easy-to-use.MySQL is becoming so popular because of many good reasons.
- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.
- MySQL uses a standard form of the well-known SQL data language.

- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.
- MySQL works very quickly and works well even with large data sets.
- MySQL is very friendly to PHP, the most appreciated language for web development.
- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theortical limit of 8 million terabytes (TB).

CHAPTER 2

PROPOSED SYSTEM:

2.1 Proposed System:

Purpose:

Online shopping is the process whereby customer directly buy goods and services from a seller interactively in real-time without an intermediary service over the internet. If an intermediary service is present the process is called electronic commerce. An online shop, E-shop, web store or virtual store evokes the physical analogy of buying products or services at a bricks-and-mortar retailer or in a shopping mall.

This project deals with the ‘online shopping of Crafts and Paintings’. The system is used for daily activities such as view new arrived,add into cart, make payment etc. The main idea behind the system is to provide online ordering facilities. Customers can:

- View the new arrivals
- Search for the product
- Add into cart(buy online)
- Make payment
- Shipping facilities

Nowadays,people are very busy and they don’t find much time to go to a dealer to get products. But they need to buy products. And most of the people are accessing internet.

Then why don’t we help them in searching and getting products online. Of course this is helpful for company and dealer also to improve the sales.

The system is used to:

- To maintain all the details of the product according to their type.
- To calculate and compute transaction as it is based on various parameters.
- To generate various reports and statements in prescribed format.
- To keep proper update record of master data such as customer supplier as well as about product.
- To keep all the purchase order details generated by our system for supplier.
- To maintain all the details of the sales order generated by our customer.
- To facilitate the user to generate accurate, timely and neat reports.
- To maintain all the details of the feedback given by customer.

2.1 Objectives of the System:

- To keep proper update record of master data such as customer details, product details, order details, delivery details.
- To keep proper update record of master data such as employee.
- To maintain record of team points to give them receipts and account details based on their transaction.

- To automate the time consuming process to go to store and purchase products.
- To provide a searchable database of all customers and accounts.
- To minimize the amount of paper work required in daily services.
- To provide a secure interface for the banking transactions.
- To provide an interface so that user can take advantage of anytime, anywhere shopping.

2.3 User Requirements:

There are two main categories of requirements:

1. Functional 2. Non-Functional

- **Functional Requirements:** They give a description of how the system will function from users' perspective. The system has two categories of users:

- Customer: This is the person who visits the system to order or buy items.
- Admin: This is the person who manages the transactions and activity that happens in the system.

The system must provide following functionalities:

- Maintenance of master data such as staff, Customer, Account etc.
- To keep track of various accounts and providing the necessary information to the customer.
- Allow customers to buy products online.
- Allow admin to access and manage all activities of the shop online.
- To maintain record of bill and payments.

- Generate various analytical and statistical reports for the Management based on summarized data for routine decision making.

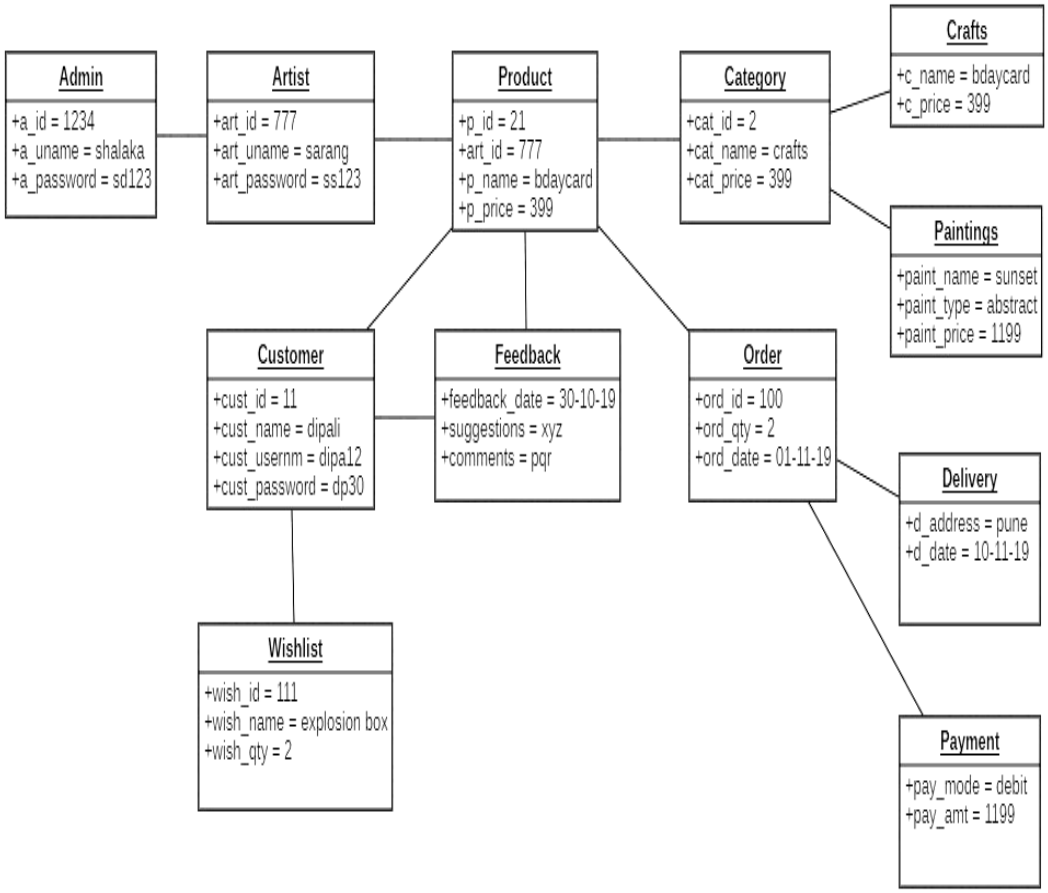
❖ Non-Functional Requirements:

- Secure access of confidential data (Customer's details).
- 24 hours availability.
- Reliability of the system.
- Easy to maintain.
- The system should be portable to different platforms.

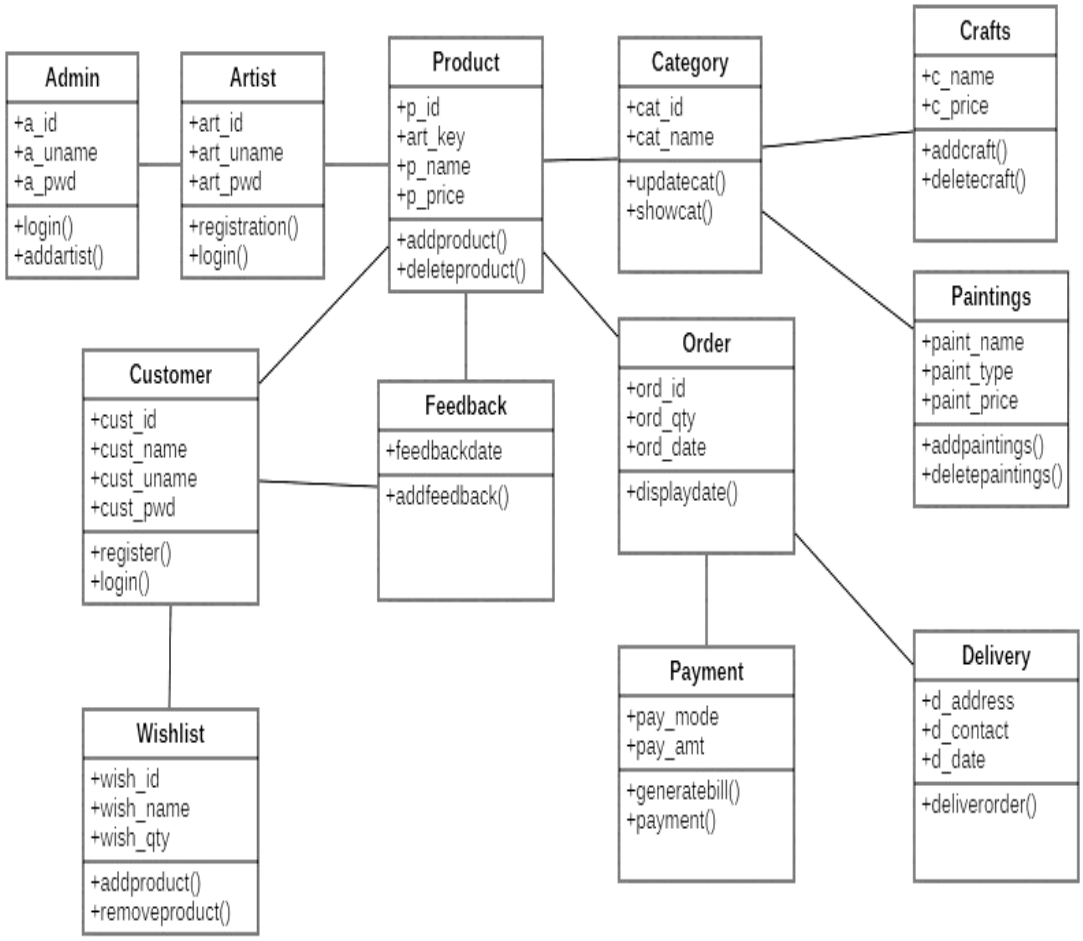
CHAPTER 3

ANALYSIS & DESIGN:

3.1 Object Diagram:

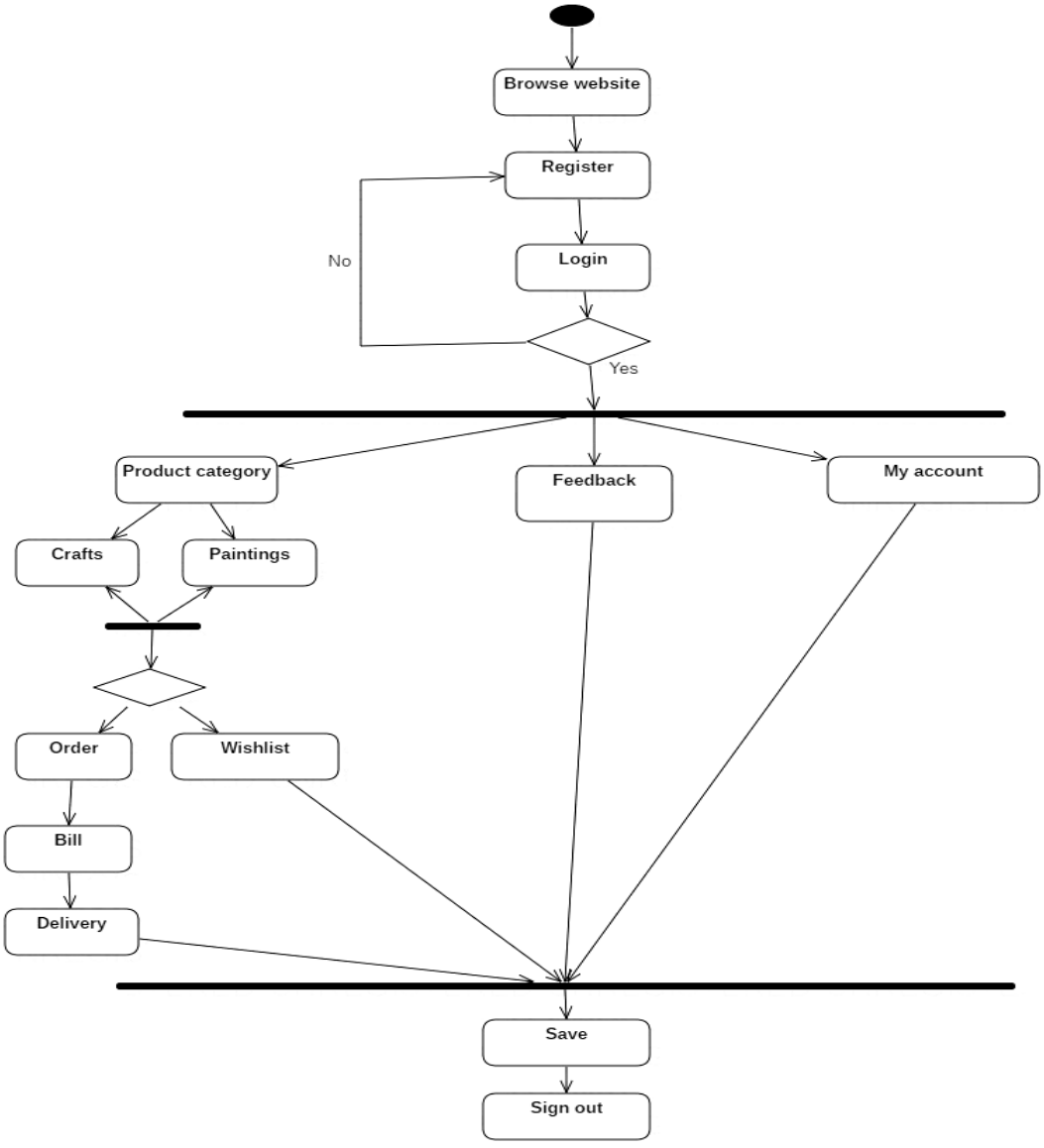


3.2 Class Diagram:



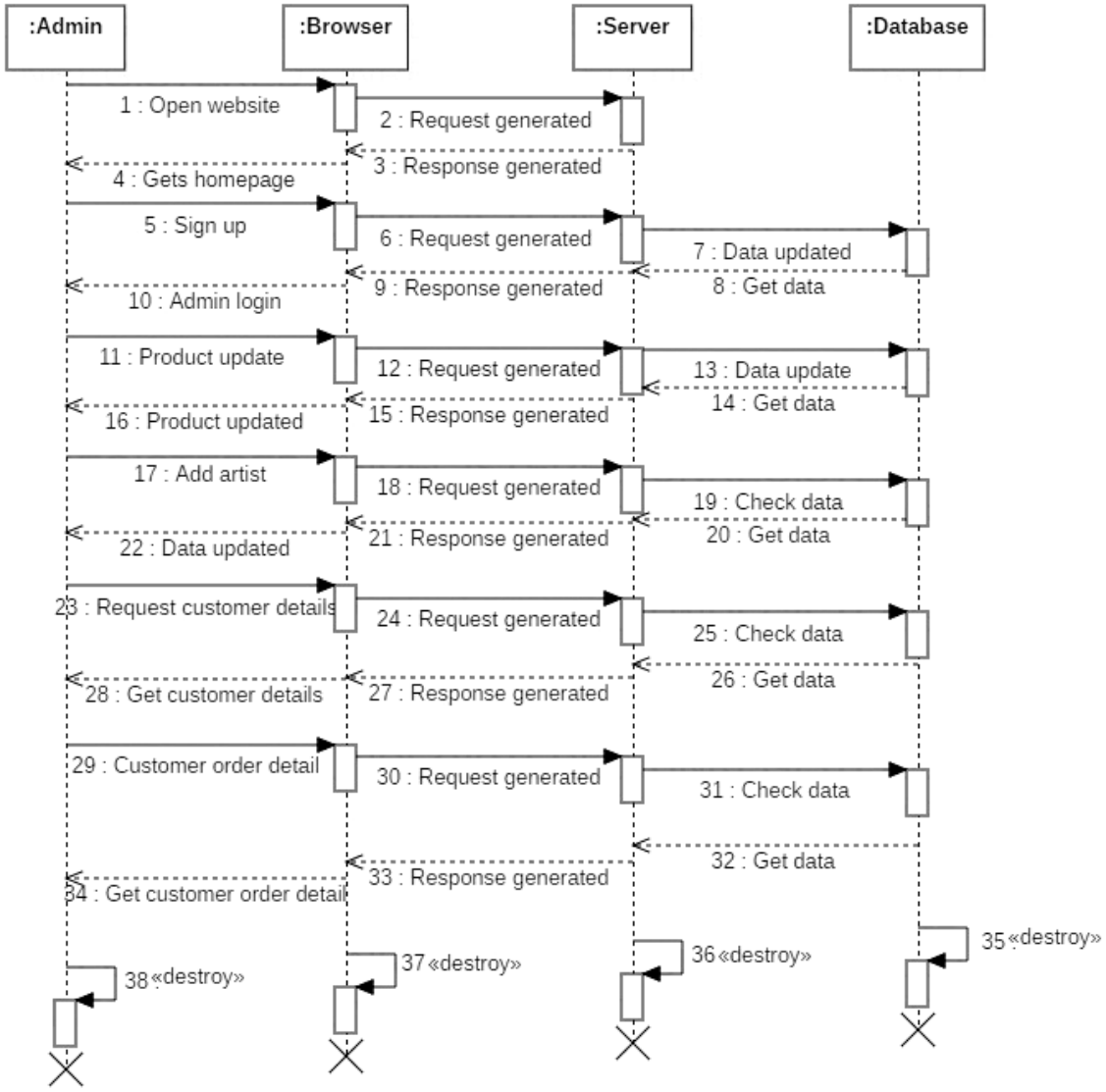
3.3 Use Case Diagram:

3.4 Activity Diagram:

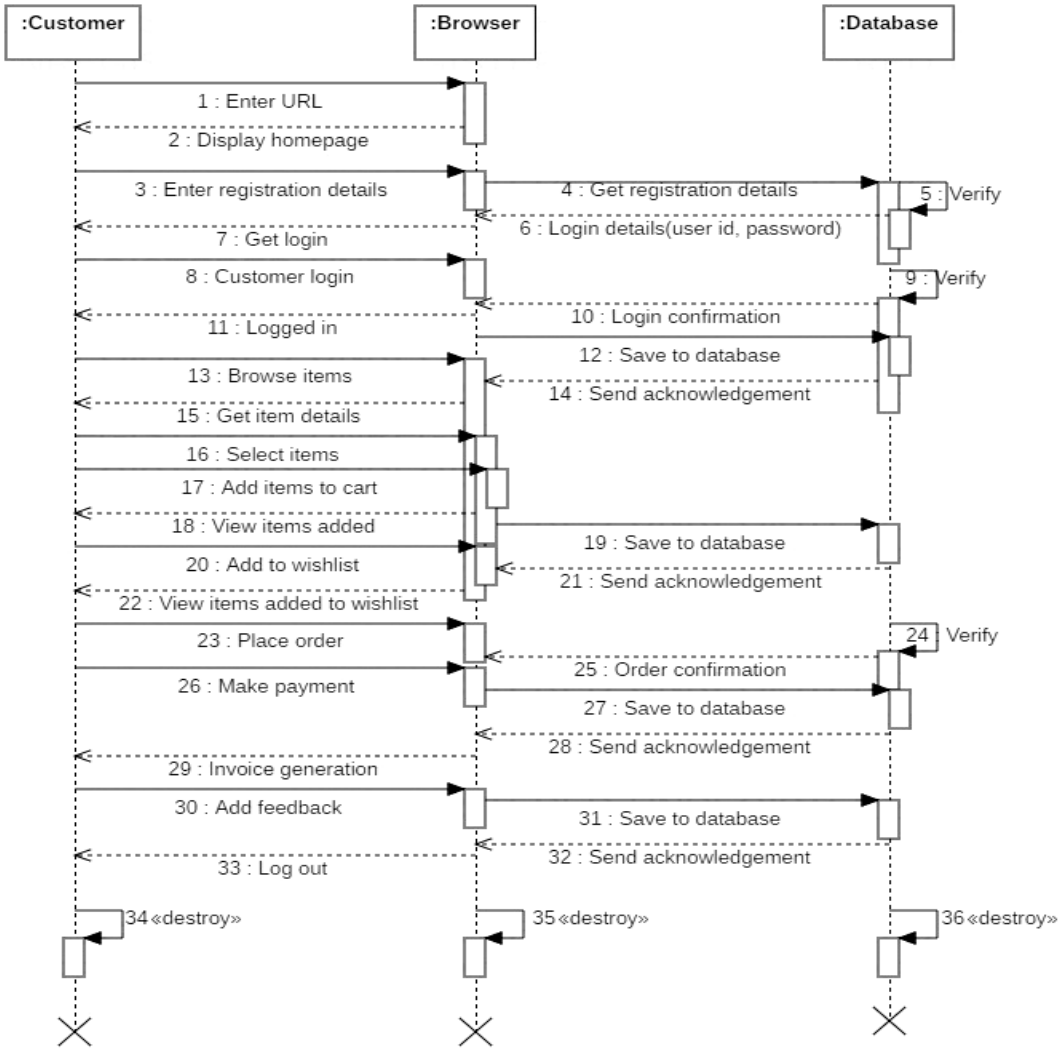


3.5 Sequence Diagram:

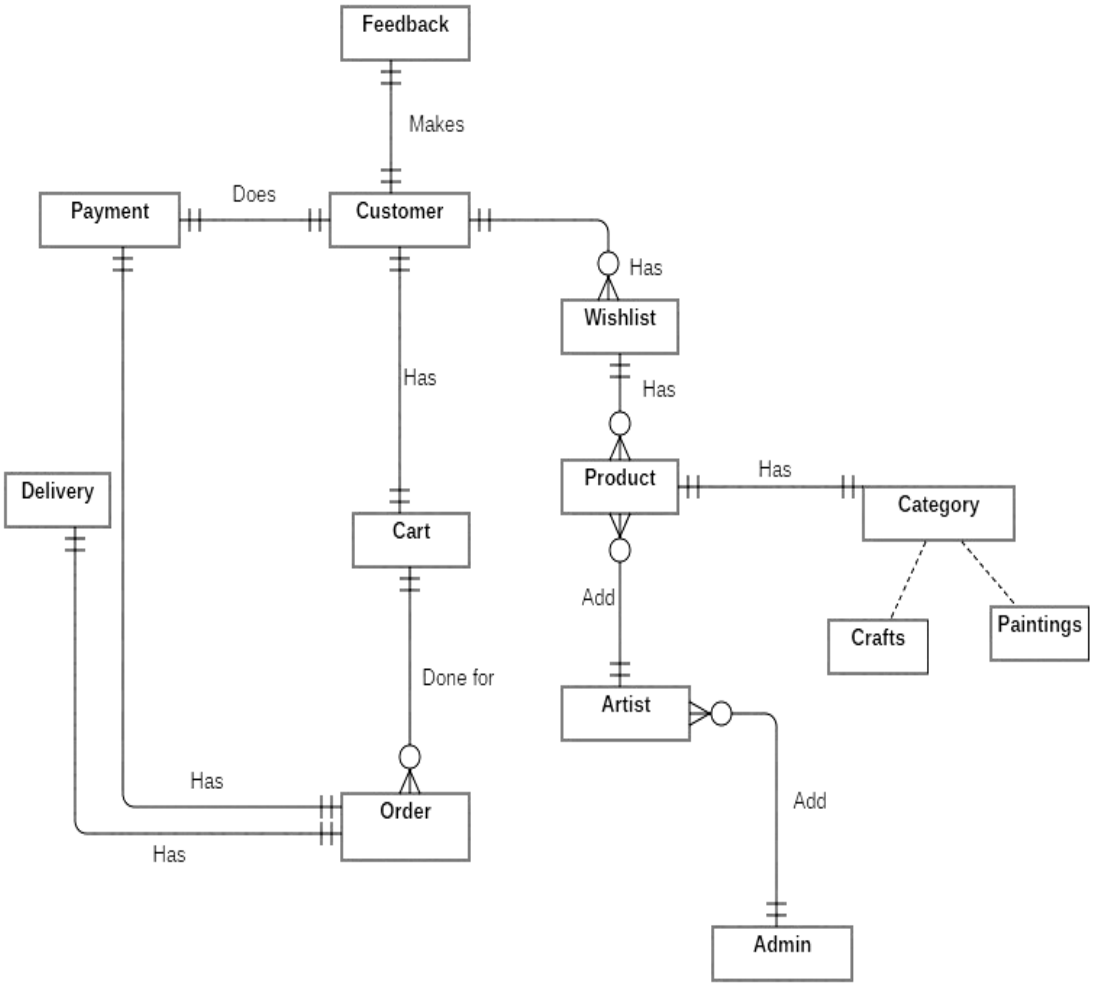
3.5.1 Admin side:



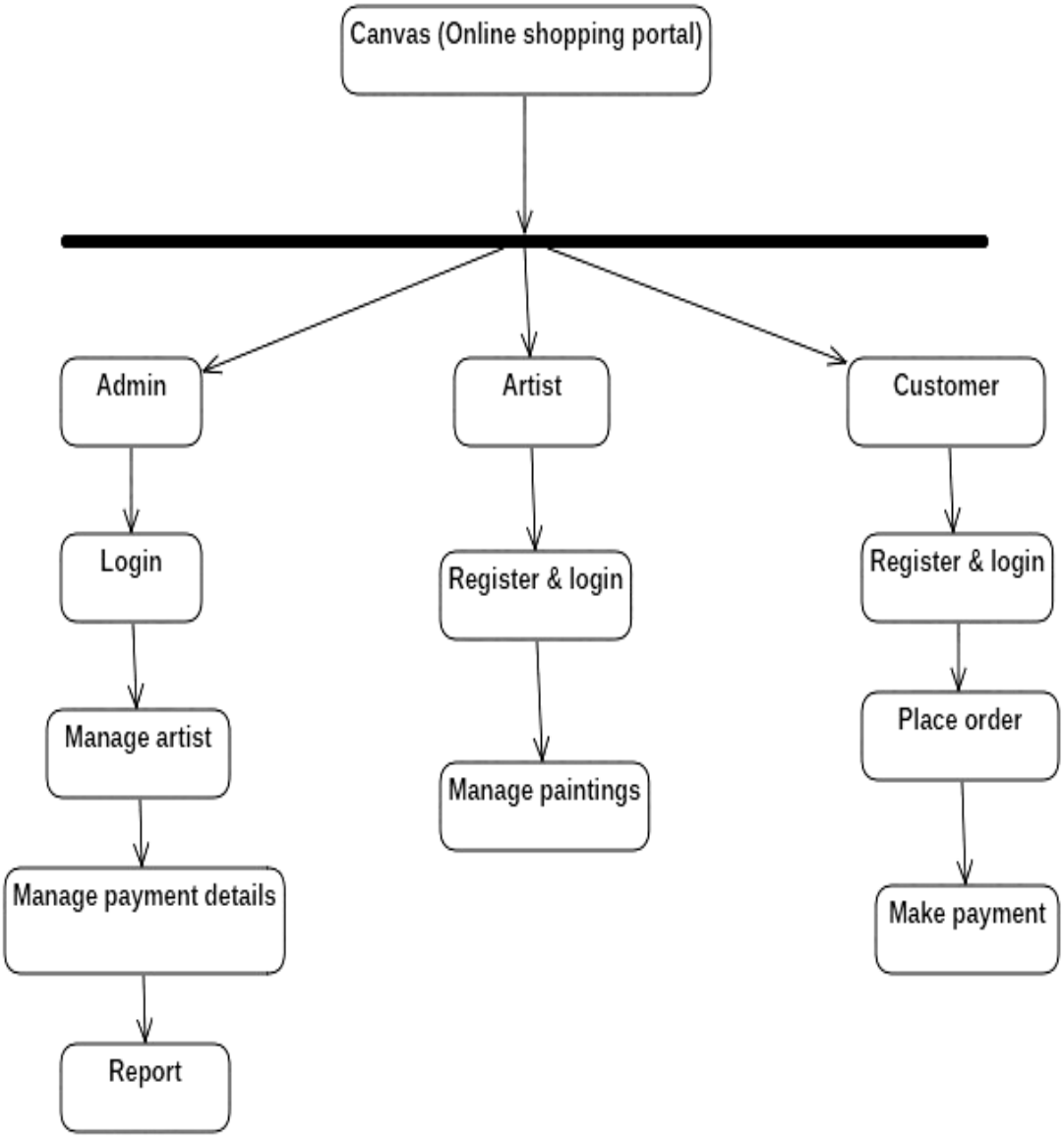
3.5.2 Customer side:



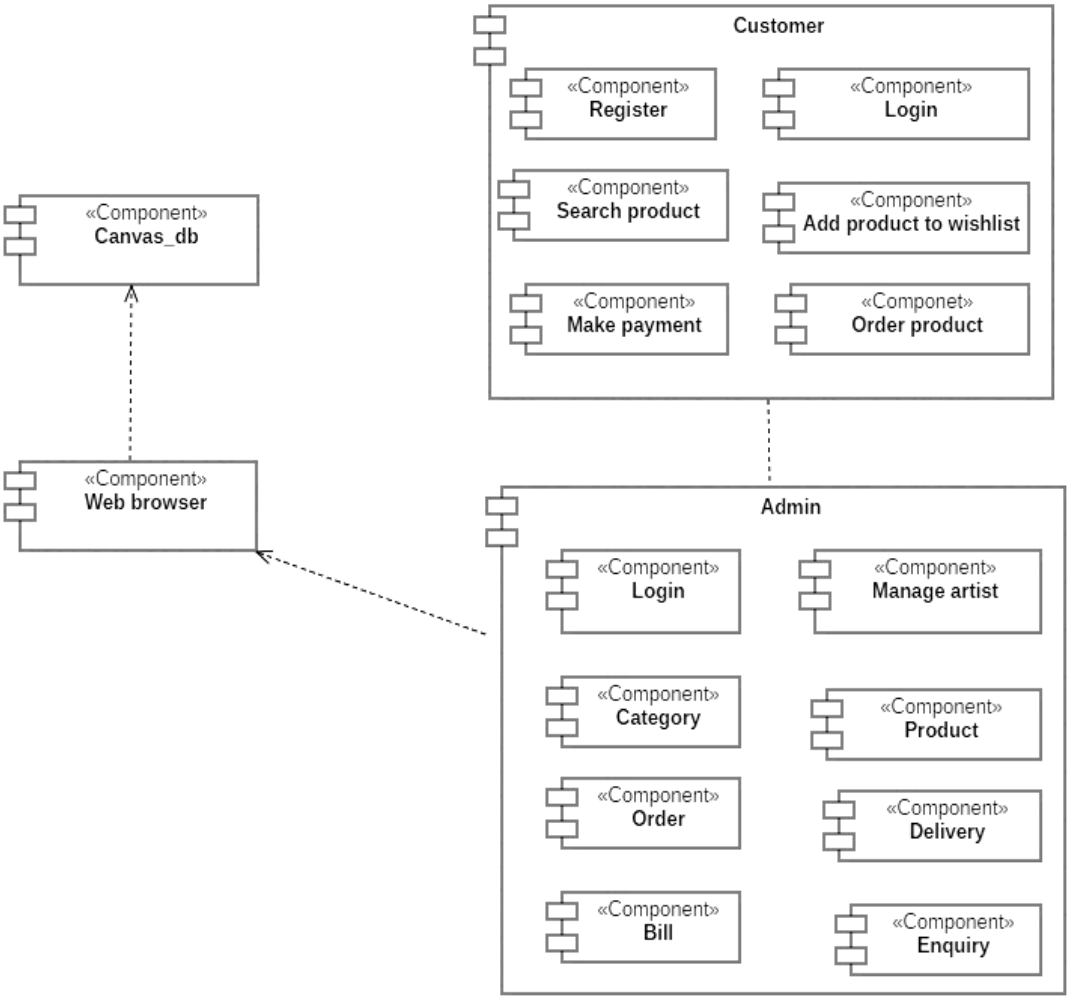
3.6 Entity Relationship Diagram (ERD):



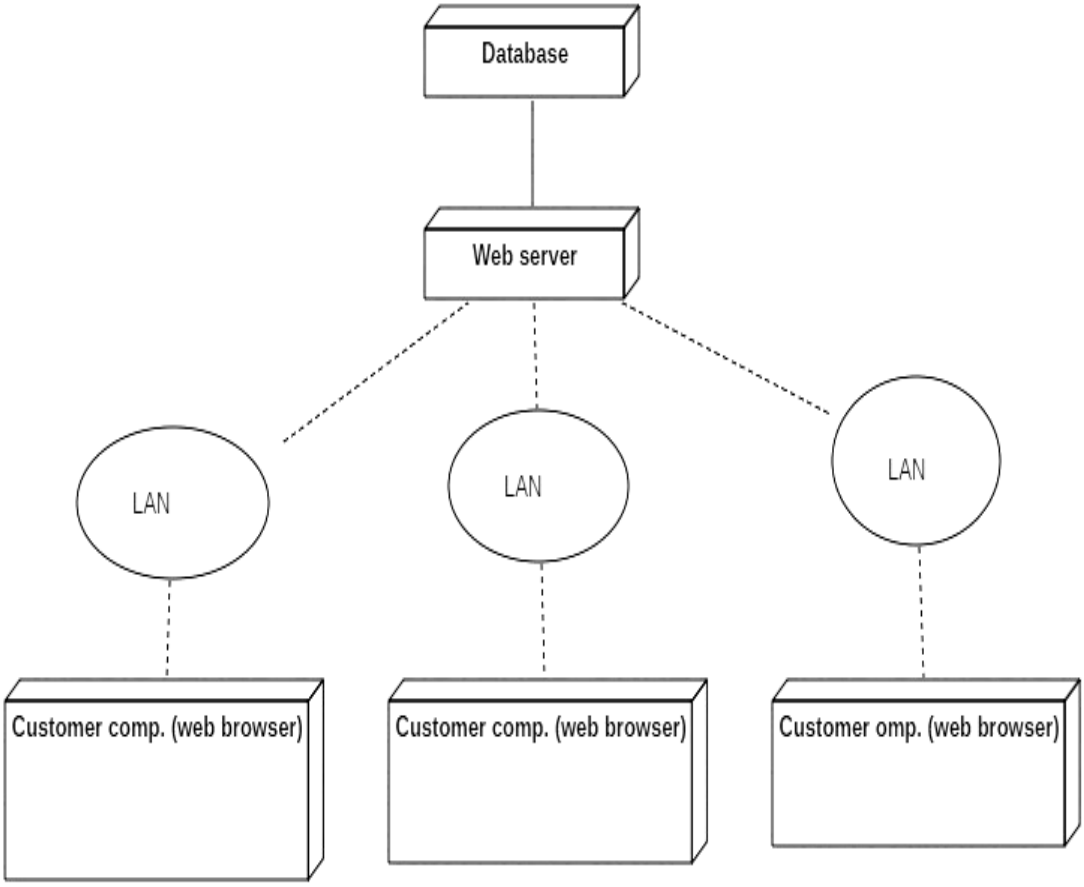
3.7 Module Hierarchy Diagram:



3.8 Component Diagram:


Customer
«Component»
Register
«Component»
Login
«Component»
Search product
«Component»
Add product to wishlist
«Component»
Make payment
«Componet»
Order product
«Component»
Canvas_db
«Component»
Web browser
Admin
«Component»
Login
«Component»
Manage artist
«Component»
Category
«Component»
Product
«Component»
Order
«Component»
Delivery
«Component»
Bill
«Component»
Enquiry

3.9 Deployment Diagram:



3.10 Module Specification:

User Module:

User is able to do the followig tasks:

- Registration
- Login
- View Category
- Select Category
- View Products
- Select Products
- View Cart
- Place Order
- Make Payment
- Give Feedback

Admin Module:

Admin is able to do following tasks:

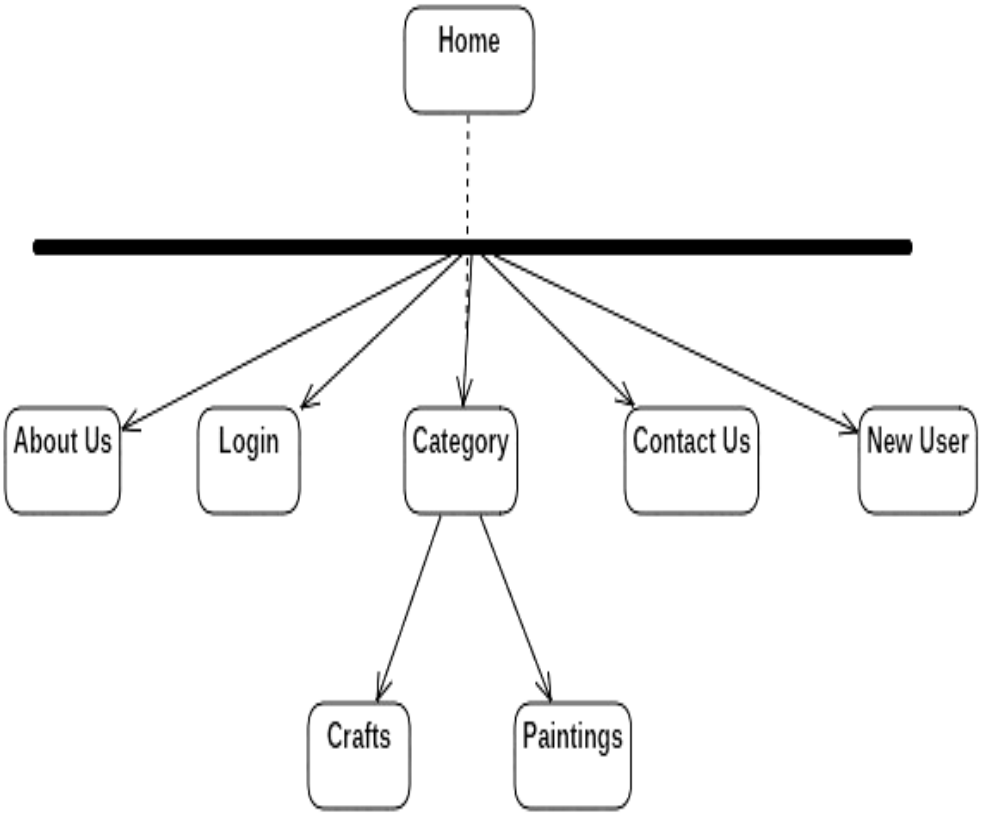
- Login for Administration
- View Customer Details
- View Customer List
- View All Orders
- View Customer Feedback
- Manage Reports
- Manage Artists

Artist Module:

Artist is able to do following tasks:

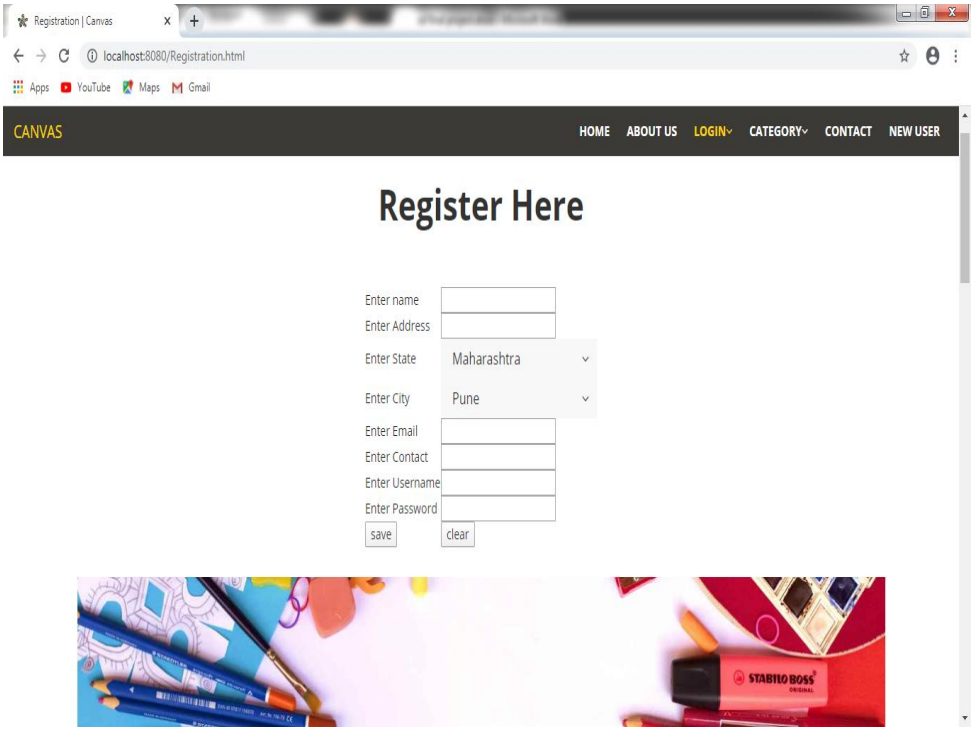
- Registration
- Login
- Manage Paintings
- Gives Offers On Products

3.11 Web site map Diagram:

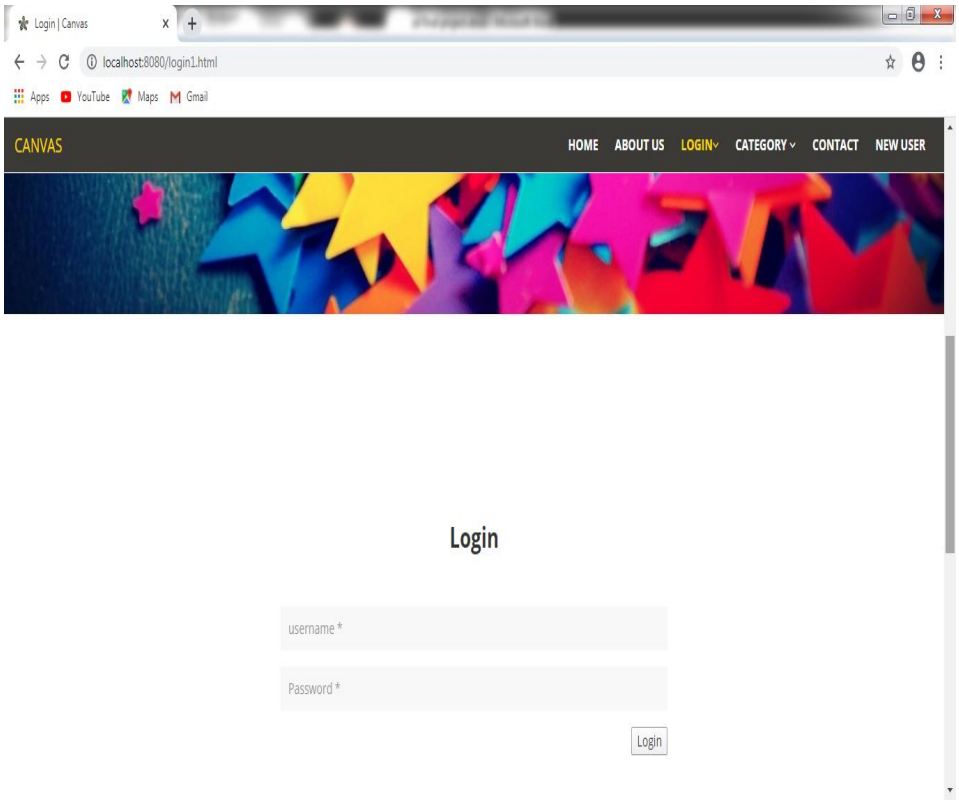


3.12 User Interface Design:

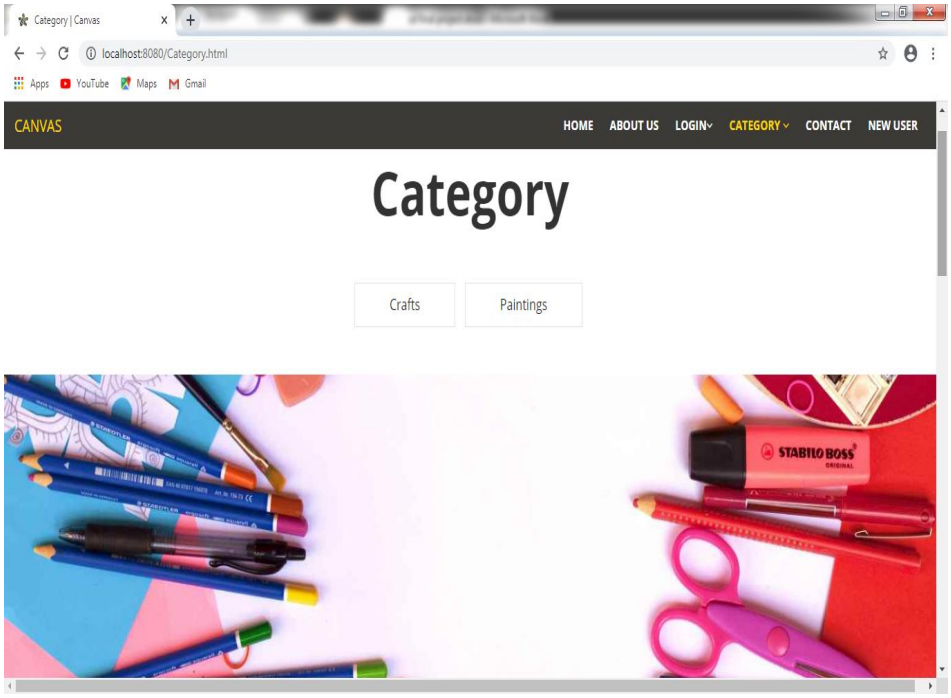
1. Registration Page:



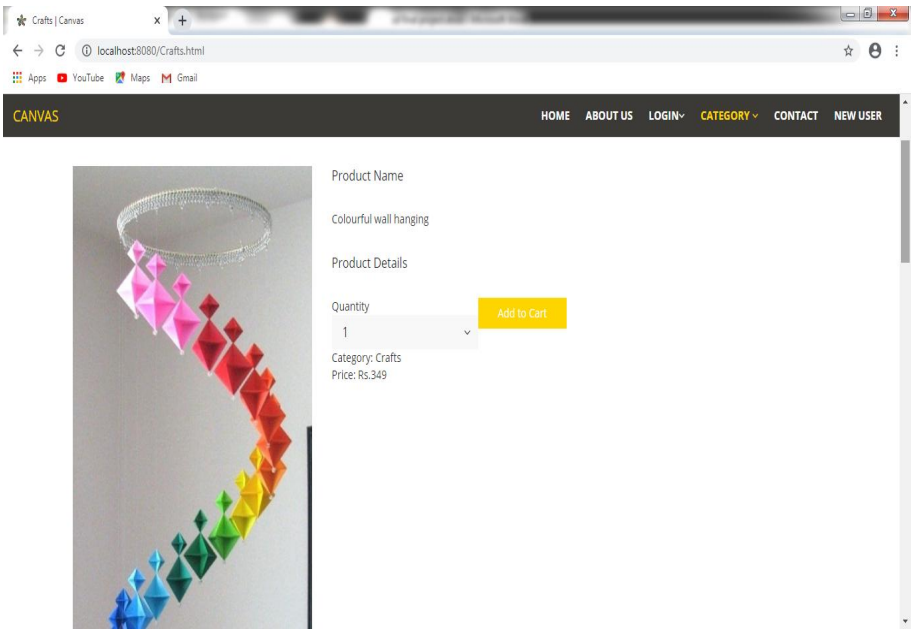
2. Login Page:


Login | Canvas
localhost:8080/login1.html
Apps
YouTube
Maps
Gmail
CANVAS
HOME
ABOUT US
LOGIN
CATEGORY
CONTACT
NEW USER
Login
username *
Password *
Login

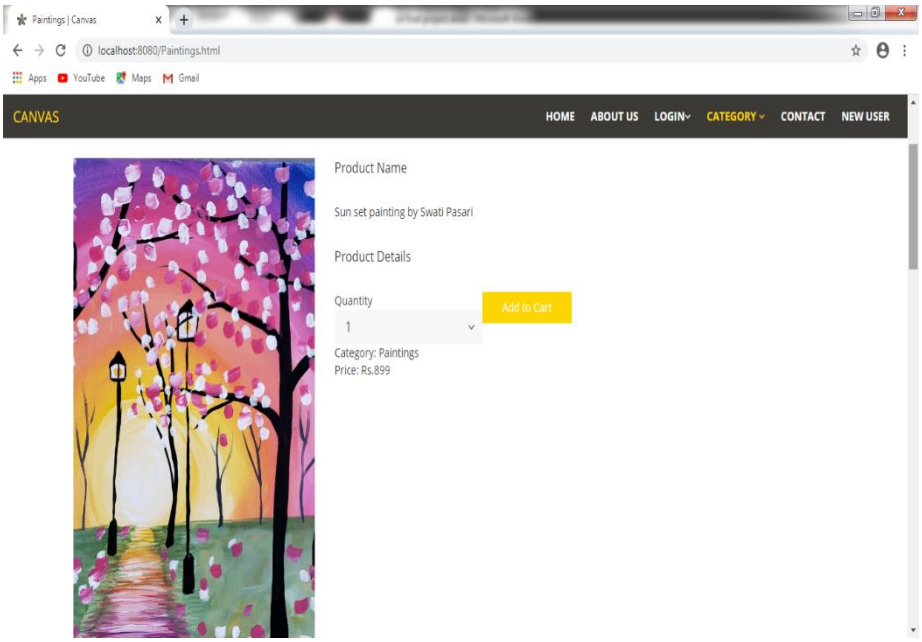
3. Category Page:



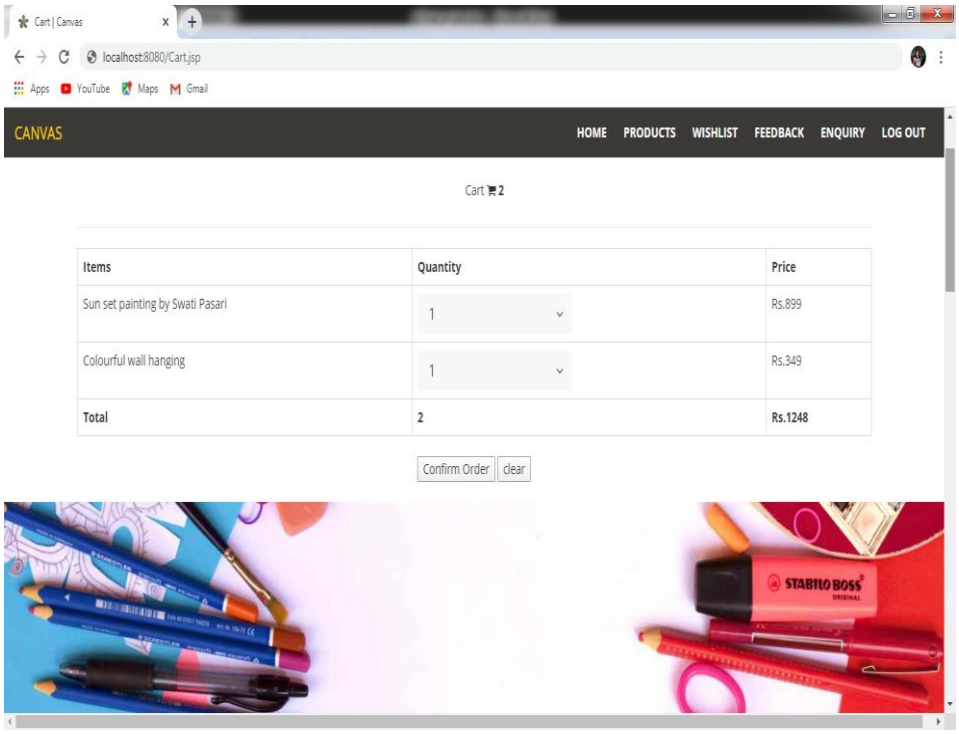
4. Category Crafts:



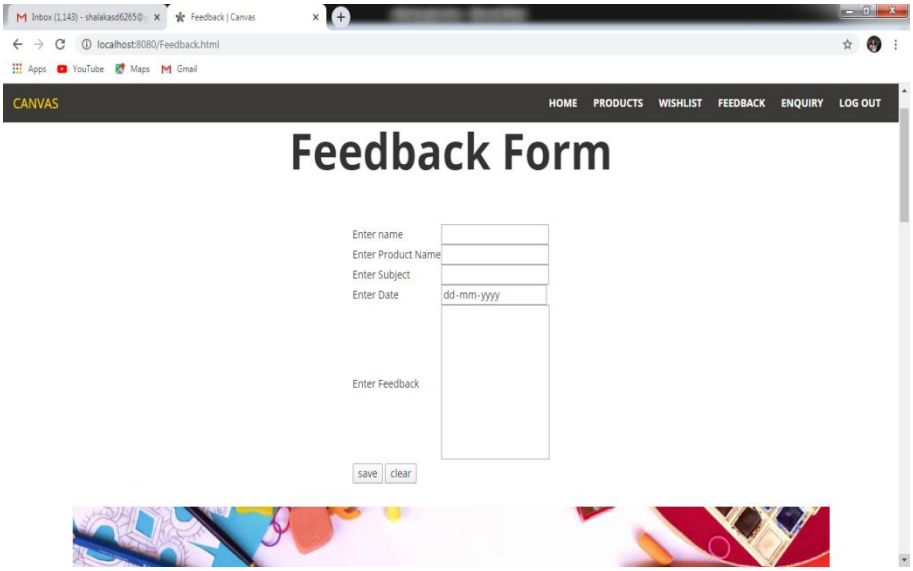
5. Category Paintings:



6. Add to Cart Page:



7. Feedback Page:



3.13 Data Dictionary:

Sr.No	Field name	Data type	constraints	Description	Table name
1	a_id	Number(10)	Primary key	Admin id	Admin
2	a_pwd	Varchar(10)	Not null	Password of admin	Admin
3	a_uname	Varchar(20)	Not null	Name of admin	Admin
4	art_email	Varchar(10)	Not null	Email of artist	Artist
5	art_id	Number(10)	Primary key	Artist id	Artist
6	art_pwd	Varchar(10)	Not null	Password of artist	Artist
7	art_uname	Varchar(20)	Not null	Name of artist	Artist
8	cart_id	Number(10)	Primary key	Cart id	Shopping Cart
9	cat_id	Varchar(10)	Primary key	Category id	Product Category
10	cat_name	Varchar(10)	Not null	Category name	Product Category
11	cat_type	Varchar(10)	Not null	Category type	Product Category
12	City	Varchar(10)	Not null	City of customer	Customer

13	cust_addr	Varchar(20)	Not null	Address of customer	Customer
14	cust_id	Number(10)	Primary key	Customer id	Customer
15	cust_name	Varchar(20)	Not null	Name of customer	Customer
16	cust_pwd	Varchar(10)	Not null	Password of customer	Customer
17	Date	Date(08)	Not null	Date of feedback, Order	Feedback,Order
18	delivery_status	Varchar(10)	Not null	Delivery status	Order
19	Email	Varchar(10)	Not null	Email of customer	Customer
20	feed_desc	Varchar(20)	Not null	Description	Feedback
21	feed_id	Number(10)	Primary key	Feedback id	Feedback
22	Order_id	Number(10)	Primary key	Order id	Order
23	ord_total	Number(10)	Not null	Order total	Order
24	p_desc	Varchar(15)	Not null	Product description	Product
25	p_id	Number(10)	Primary key	Product id	Product
26	p_name	Varchar(10)	Not null	Product name	Product
27	p_price	Number(5)	Not null	Product price	Product
28	p_qty	Number(10)	Not null	Product quantity	Product
29	p_type	Varchar(10)	Not null	Product type	Product
30	pay_amt	Number(10)	Not null	Payment amount	Payment
31	pay_date	Date(08)	Not null	Payment date	Payment
32	pay_id	Number(10)	Primary key	Payment id	Payment
33	pay_mode	Varchar(10)	Not null	Payment mode	Payment

34	ph_no	Number(10)	Not null	Phone no of customer	Customer
35	State	Varchar(20)	Not null	State of customer	Customer
36	total_qty	Number(10)	Not null	Total no.of products	Shopping cart,Shopping cart details
37	total_shipping	Number(10)	Not null	Shipping cost	Shopping cart,Shopping cart details
38	Wish_id	Number(5)	Not Null	Wishlist id	Wishlist,Wishlist details
39	Wish_name	Varchar(20)	Not Null	Wishlist name	Wishlist,Wishlist details
40	Wish_qty	Number(2)	Not Null	Wishlist quantity	Wishlist,Wishlist details

3.14 Table Specification:

Table: Admin

Field	Datatype	Size	Constraint	Description
a_id	Number	10	Primary key	Admin id
art_id	Number	10	Foreign key	Artist id
a_uname	Varchar	20	Not null	Name of admin
a_pwd	Varchar	10	Not null	Password of admin

Table: Artist

Field	Datatype	Size	Constraint	Description
art_id	Number	10	Primary key	Artist id
art_uname	Varchar	20	Not null	Name of artist
art_pwd	Varchar	10	Not null	Password of artist

art_email	Varchar	10	Not null	Email of artist

Table: Customer

Field	Datatype	Size	Constraint	Description
cust_id	Number	10	Primary key	Customer id
cust_name	Varchar	20	Not null	Name of customer
cust_addr	Varchar	20	Not null	Address of customer
ph_no	Number	10	Not null	Phone no of customer
Email	Varchar	10	Not null	Email of customer
cust_pwd	Varchar	10	Not null	Password of customer
City	Varchar	10	Not null	City of customer
State	Varchar	20	Not null	State of customer

Table: Enquiry

Field	Datatype	Size	Constraint	Description
cust_name	Varchar	20	Not null	Name of customer
p_type	Varchar	10	Not null	Product type
p_name	Varchar	10	Not null	Product name
Email	Varchar	10	Not null	Email of customer
ph_no	Number	10	Not null	Phone no of customer

Table: Wishlist

Field	Datatype	Size	Constraint	Description
wish_id	Number	10	Primary key	Wishlist id
wish_name	Varchar	10	Not null	Wishlist name
wish_qty	Number	10	Not null	Wishlist quantity
p_id	Number	10	Foreign key	Product id

Table: Wishlist details

Field	Datatype	Size	Constraint	Description
wish_id	Number	10	Foreign key	Wishlist id
wish_name	Varchar	10	Not null	Wishlist name

wish_qty	Number	10	Not null	Wishlist quantity
p_id	Number	10	Foreign key	Product id

Table: Product category

Field	Datatype	Size	Constraint	Description
cat_id	Varchar	10	Primary key	Category id
cat_type	Varchar	10	Not null	Category type
cat_name	varchar	10	Not null	Category name

Table: Product

Field	Datatype	Size	Constraint	Description
p_id	Number	10	Primary key	Product id
art_id	Number	10	Foreign key	Artist id
p_name	Varchar	10	Not null	Product name
p_type	Varchar	10	Not null	Product type
p_desc	Varchar	15	Not null	Product description
p_price	Number	5	Not null	Product price
p_qty	Number	10	Not null	Product quantity
cat_id	Number	10	Foreign key	Category id

Table: Shopping cart

Field	Datatype	Size	Constraint	Description
cart_id	Number	10	Primary key	Cart id
p_id	Number	10	Foreign key	Product id
total_qty	Number	10	Not null	Total no. of products
total_shipping	Number	10	Not null	Shipping cost
cat_id	Number	10	Foreign key	Category id

Table: Shopping cart details

Field	Datatype	Size	Constraint	Description
cart_id	Number	10	Foreign key	Cart id
p_id	Number	10	Foreign key	Product id
total_qty	Number	10	Not null	Total no. of products
total_shipping	Number	10	Not null	Shipping cost
cat_id	Number	10	Foreign key	Category id

Table: Order

Field	Datatype	Size	Constraint	Description
ord_id	Number	10	Primary key	Order id
cust_id	Number	10	Foreign key	Customer id
cart_id	Number	10	Foreign key	Cart id
ord_total	Number	10	Not null	Order total
Date	Date	08	Not null	Date of order
delivery_status	Varchar	10	Not null	Delivery status

Table: Feedback

Field	Datatype	Size	Constraint	Description
feed_id	Number	10	Primary key	Feedback id
cust_id	Number	10	Foreign key	Customer id
Date	Date	08	Not null	Date of feedback
feed_desc	Varchar	20	Not null	Description

Table: Payment

Field	Datatype	Size	Constraint	Description

pay_id	Number	10	Primary key	Payment id
cust_id	Number	10	Foreign key	Customer id
ord_id	Number	10	Foreign key	Order id
pay_mode	Varchar	10	Not null	Payment mode
pay_amt	Number	10	Not null	Payment amount
ship_method	Varchar	10	Not null	Shippment method
pay_date	Date	08	Not null	Payment date

3.15 Test Procedures and Implementation:

Test procedure:

- Testing is vital to success of system. Testing hs to be varied out of ensuring the accuracy,efficiency,effectiveness of system.

- Software testing is the purpose of executing the program with the intent of finding the error.
- A good test case is that having high probability of finding at yet undiscovered errors.
- Testing demonstrates that software are fully functional and the software perform ccording to specifications.
- Methods used to test data:

- Input screens were executed using dynamic data.
- All the valiations are checked. To check validations irrelevant and incorrect data were entered.
- All outputs were checked based on dummy data.
- Testing was doe in various stages as: Unit testing, System testing, User acceptance testing, Security testing, Recovery testing.

Test Cases

Test Case ID	Test Case Name	Purpose/ Objective	Steps	Expected Result	Actual Result	Pass /Fail

T1	**Validate Login**	**Register Users**	**Register new user with valid details**	**Message pops-up "Registered successfully "**	**Message pops-up "Registered successfully "**	**Pass**
T2	**Validate Login**	**Register Users**	**Register new user with invalid details**	**Message pops-up "Invalid details"**	**Message pops-up "Registered successfully "**	**Fail**
T3	**Mandatory fields of form**	**To validate mandatory fields**	**Enter all mandatory fields along with other fields**	**User is registered**	**Successfully registered**	**Pass**
T4	**Mandatory fields of form**	**To validate mandatory fields**	**Skip mandatory fields and submit form**	**Message pops-up "Fill the mandatory fields"**	**Message pops-up "Registered successfully "**	**Fail**
T5	**Validate Username**	**Register Users**	**Login with registered username and password**	**Message pops-up"Login successfully "**	**Message pops-up"Login successfully "**	**Pass**

T6	**Validate Username**	**Register Users**	**Login with unregistered username and password**	**Message pops-up”Invalid username”**	**Message pops-up”Login successfully ”**	**Fail**
T7	**Credentials of login**	**To invalidate credentials**	**Enter wrong password but correct username**	**Invalid username or password**	**Invalid password**	**Pass**
T8	**Credentials of login**	**To invalidate credentials**	**Enter wrong password but correct username**	**Invalid username or password**	**Login successfully**	**Fail**
T9	**Update category**	**Update products**	**Admin adds or upload more items to a category**	**New or modified items or categories on site**	**Display New or modified items or categories on site**	**Pass**
T10	**Update cart**	**To add product in cart**	**1]select atleast one product**	**Message pops-up”Continue Shopping”**	**Message pops-up”Continue Shopping”**	**Pass**

			2]Click on add to cart button	**or "view checkout"**	**or "view checkout"**	
T11	**Update cart**	**To add product in cart**	**1]select atleast one product 2]Click on add to cart button**	**Message pops-up"Continue Shopping" or "view checkout"**	**Message pops-up"Empty cart"**	**Fail**
T12	**Validate cart details**	**For empty cart**	**1]Don't select any product 2]Open cart details**	**Message pops-up"Empty cart"**	**Message pops-up"Empty cart"**	**Pass**
T13	**Validate cart details**	**For empty cart**	**1]Don't select any product 2]Open cart details**	**Message pops-up"Empty cart"**	**Message pops-up"Continue shopping or view checkout"**	**Fail**
T14	**Update cart**	**To invalidate cart updating**	**Edit cart by removing 1 item in it**	**Cart edited correctly**	**Cart not edited correctly**	**Fail**

T15	**Update cart**	**To validate cart updating**	**Edit cart by removing 1 item in it**	**Cart edited correctly**	**Cart edited correctly**	**Pass**
T16	**Validate checkout**	**To invalidate checkout process**	**1]Not registered customer 2]Enter details for billing 3]Continue**	**Message pops-up"First registered yourself"**	**Message pops-up"First registered yourself"**	**Pass**
T17	**Validate checkout**	**To validate checkout process**	**1]Not registered customer 2]Enter details for billing 3]Continue**	**Message pops-up"First registered yourself"**	**Proceed for shipping information**	**Fail**
T18	**Validate order**	**To validate order**	**Continue with checkout**	**Order id generate and payment processed**	**Order id generate and payment processed**	**Pass**
T19	**Validate order**	**To invalidate order**	**Continue with checkout**	**Order id generate and**	**Invalid order**	**Fail**

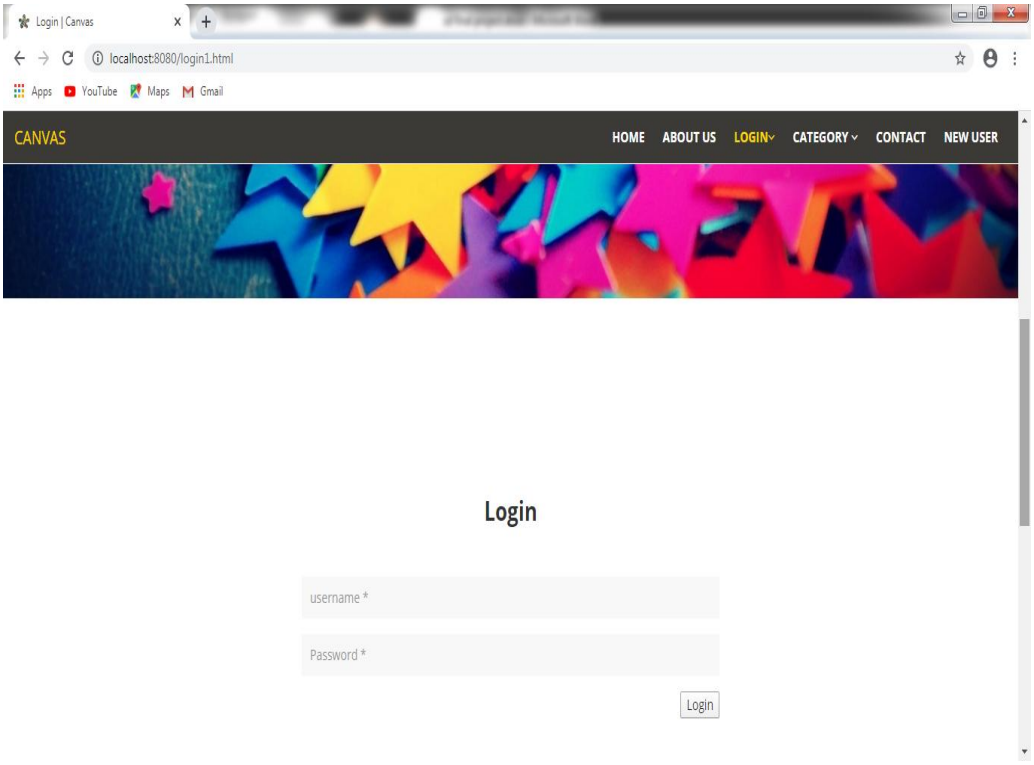
				payment processed		
T20	**Logoff**	**To validate logging off**	**Click on logout**	**Successfully logged off**	**Successfully logged off**	**Pass**
T21	**Logoff**	**To invalidate logging off**	**Click on logout**	**Successfully logged off**	**User isn't logged off**	**Fail**

CHAPTER 4

USER MANUAL:

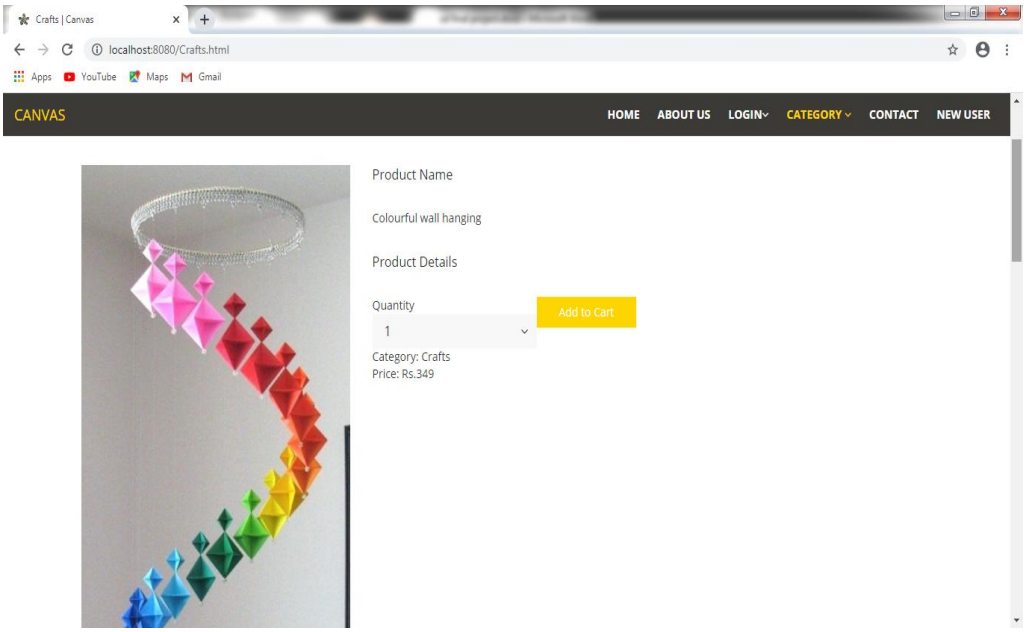
4.1 User Manual

Login :



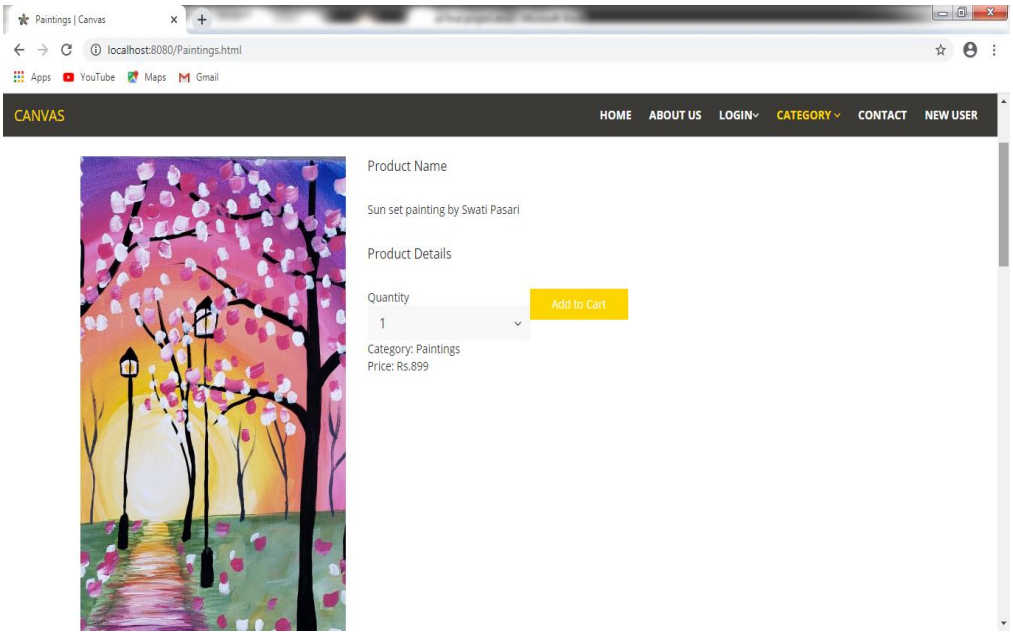
- New customer can create his/her account by clicking on "New User".
- Already registered customers can login by entering their username and password.

Category crafts:



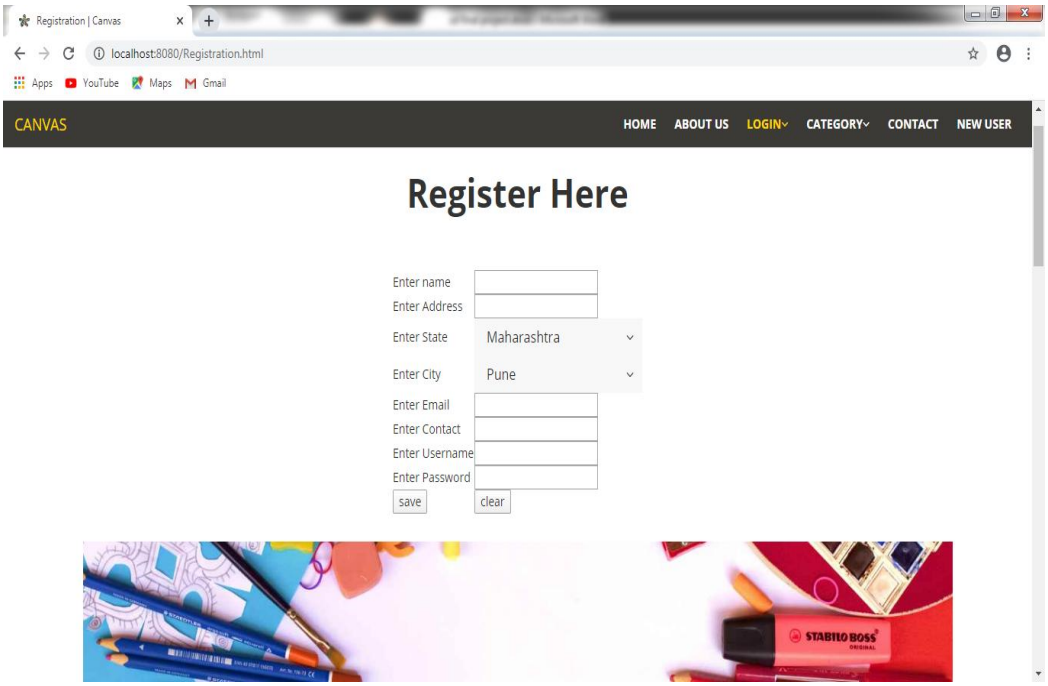
- In this category customer can see category craft.
- Customer can order crafts of their choice.

Category painting:



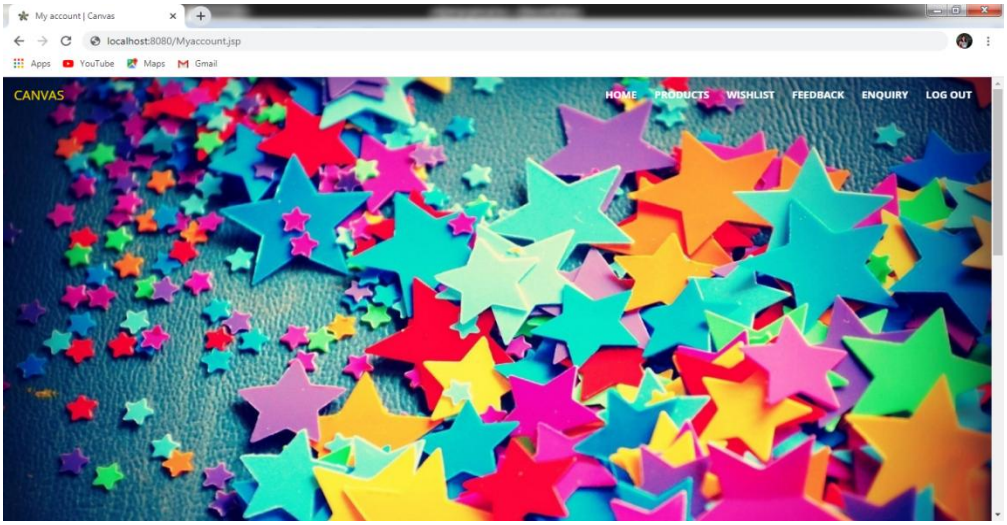
- In this category customer can see category paintings.
- Customer can order paintings of their choice.

New user:



- User has to fill the personal details like username, password,etc. Which he/she will be using every time he/she logs in.
- User has to fill name, address, state,city,email,contact number.
- User has to click on save button then user gets registered

My Account:



- User can keep track of his/her account from "My Account".
- In this user can do enquiry about product,give feedback etc.

4.2 Operation Manual:

1. Home:

Home page is a page where user can see all the product categories,login,contact,etc.

2. Login:

If the user is already registered user then he/she can directly log in by entering his/her username and password and click on login.

3. New user:

If user doesn’t have account then he/she can create his/her account here. The form will ask for name,address and other few personal details as email,contact,etc. After filling all this by user when user clicks on save then user will be registered.

4. Category:

There are two categories of product i.e Crafts and Paintings. Here user can select the category of product.

5. Wishlist:

Wishlist is a place where user adds product which he/she cannot buy right now but wish to buy later on.

6. Enquiry:

Enquiry is a place where user can enquires about product which he/she wish to buy.

7.Add to cart:

Here user can add product to their cart to order.

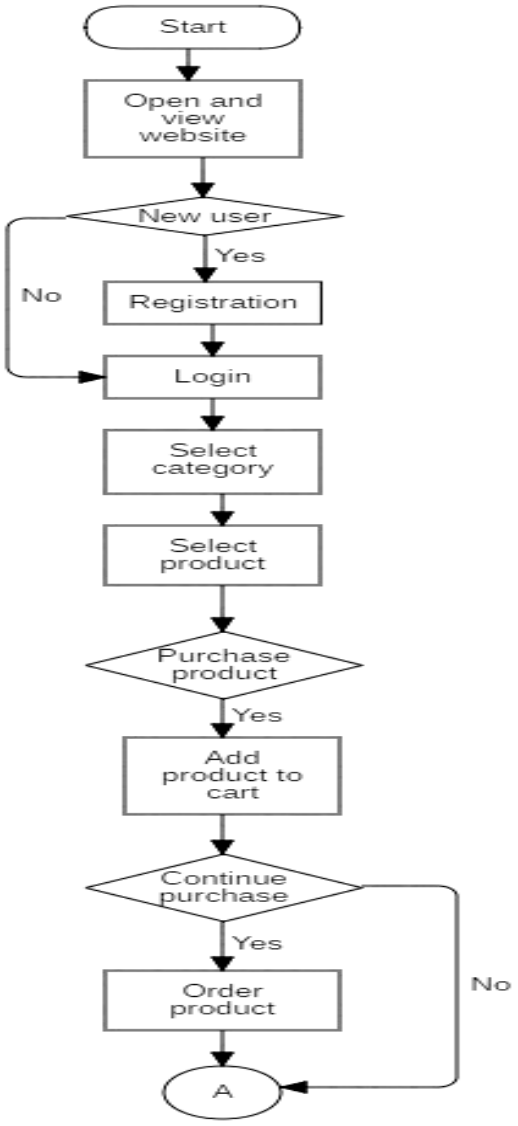
8. Order:

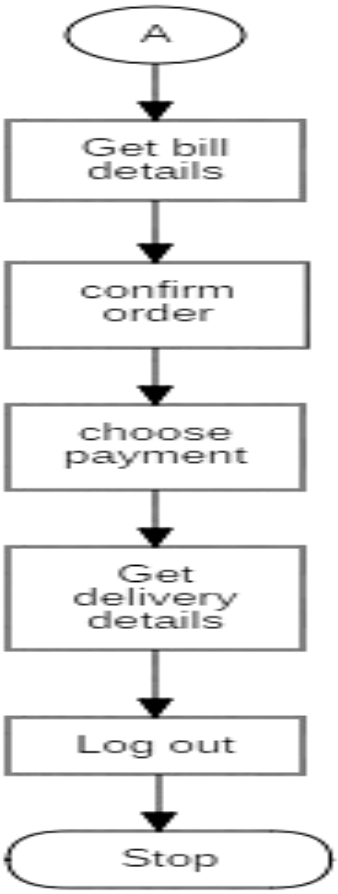
Here user can order the product by filling the appropriate address.

9. Log out:

User can log out from their account at any time by clicking on log out.

4.3 Flow Chart:


Start
Open and view website
New user
Yes
No
Registration
Login
Select category
Select product
Purchase product
Yes
Add product to cart
Continue purchase
Yes
No
Order product
A



Drawbacks and Limitations:

- Customer once ordered cannot replace his product.
- Customer once ordered cannot cancel his product.
- Customer needs to be present at delivery address at the time of delivery.

Proposed enhancement:

- The software can be converted to attractive mobile android app.
- Additional features as “gift to a friend” can be added.
- Order cancellation and order replacement provision can be added.
- Delete and block customers who repeatedly cancels order feature can be added.
- Share product with friends via email,facebook,etc feature can be added.

Conclusion:

All the requirements stated have been addressed in this software and the system is tested successfully. For customers online shopping website can lower expense in two ways: By making payment processing more efficient, by making online order placement cost to travel to particular shop is reduced. Most important thing customer need not to spend much time in shopping,user friendliness of website makes shopping easier. So far it is clear Online Shopping System website is far better than old manual shopping system. It is because of their gaining popularity that many companies round the globe is shifting from old manual system to new website system.

Bibliography:

Reference Books:

The Complete Reference MYSQL

The Complete Reference HTML

Web Reference:

www.google.com

www.w3school.com

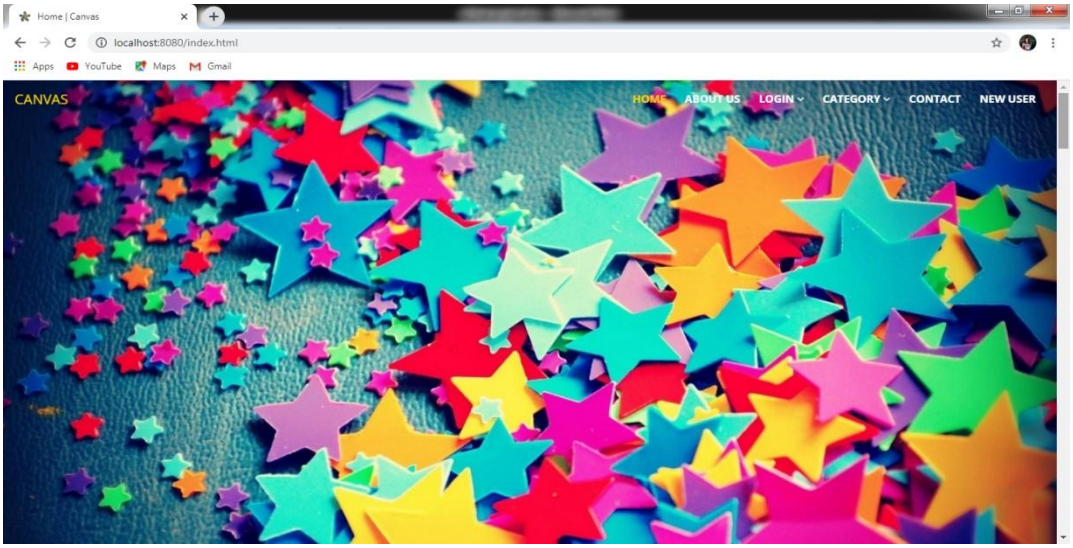
www.tutorialspoint.com

ANNEXURE 1: USER INTERFACE SCREENS

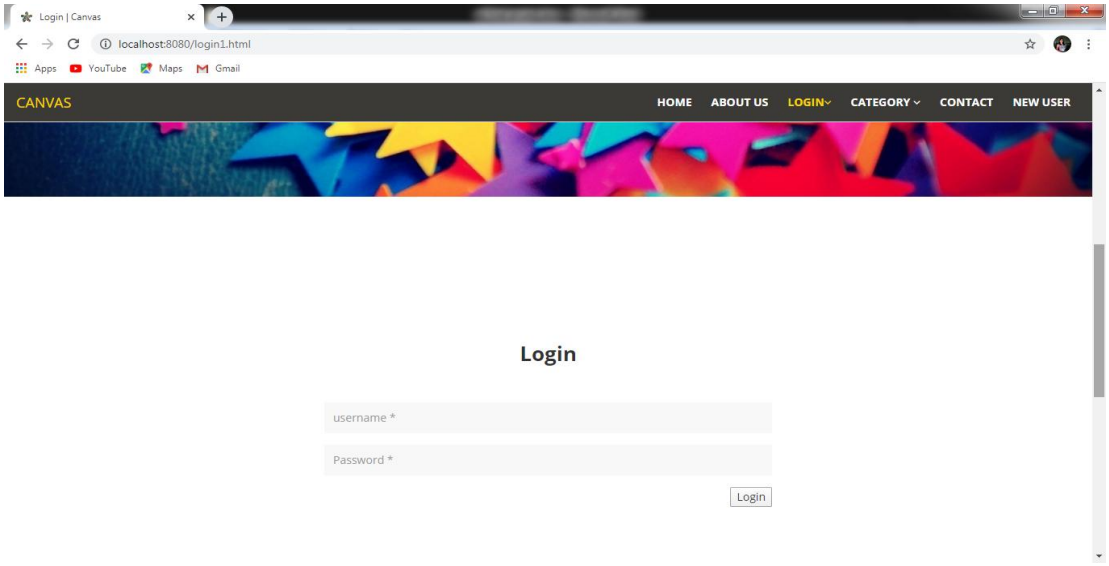
ANNEXURE 1

USER INTERFACE SCREENS:

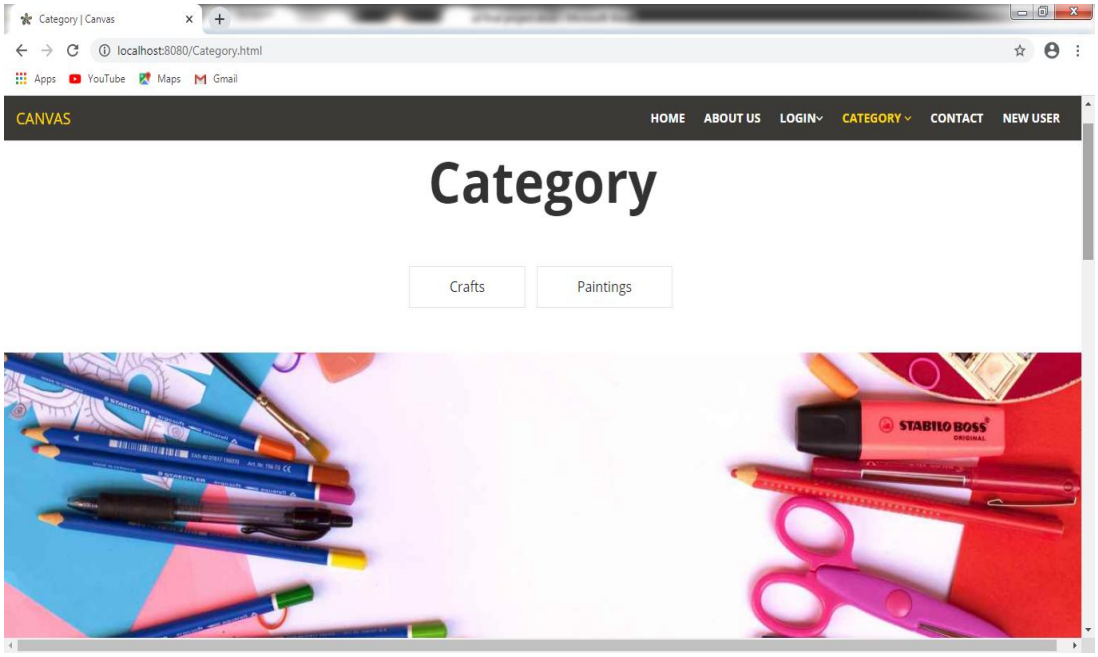
Home Page:



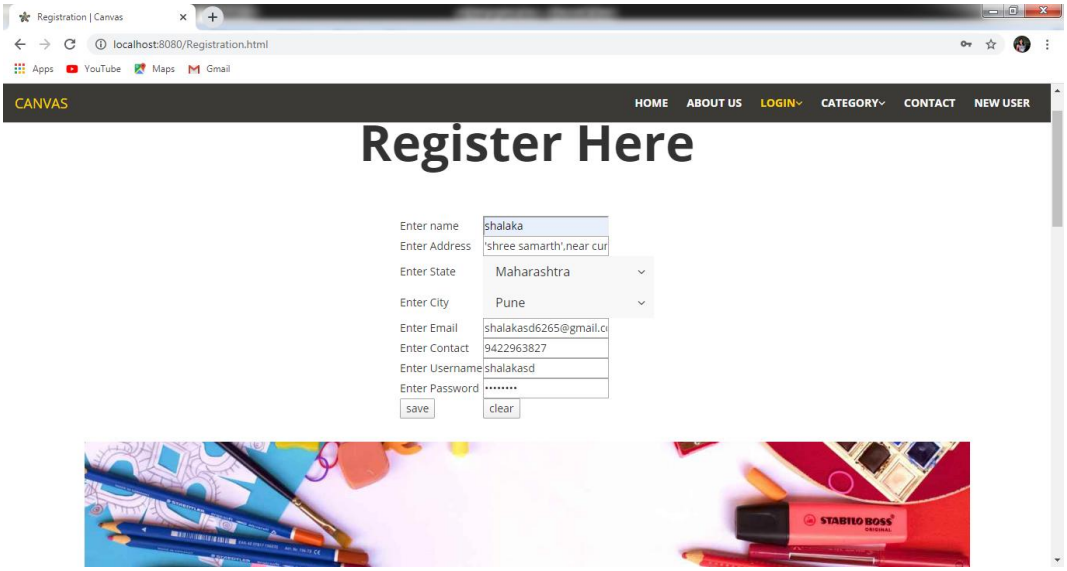
Login Page:


Login | Canvas
localhost:8080/login1.html
Apps
YouTube
Maps
Gmail
CANVAS
HOME
ABOUT US
LOGIN
CATEGORY
CONTACT
NEW USER
Login
username *
Password *
Login

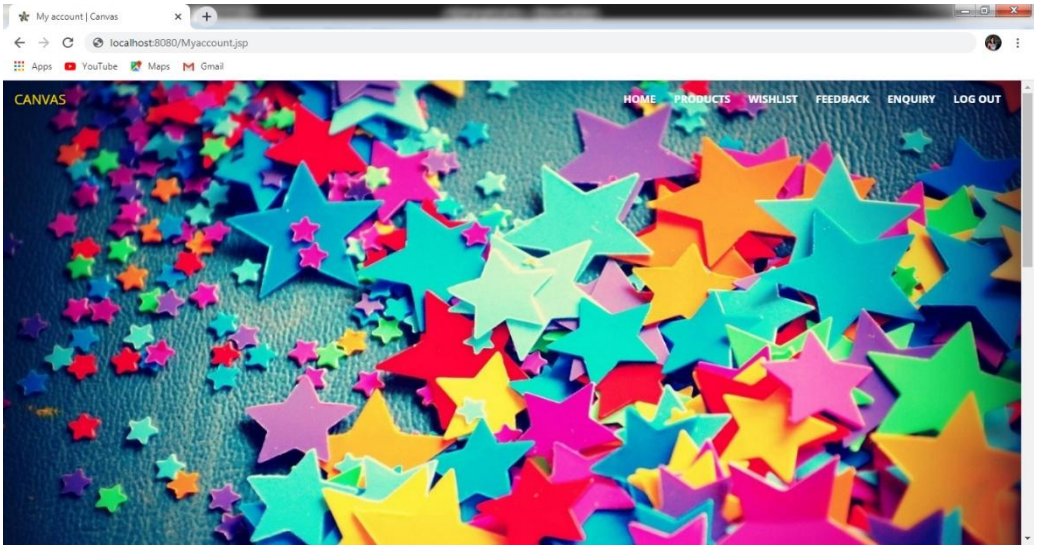
Product Category Page:



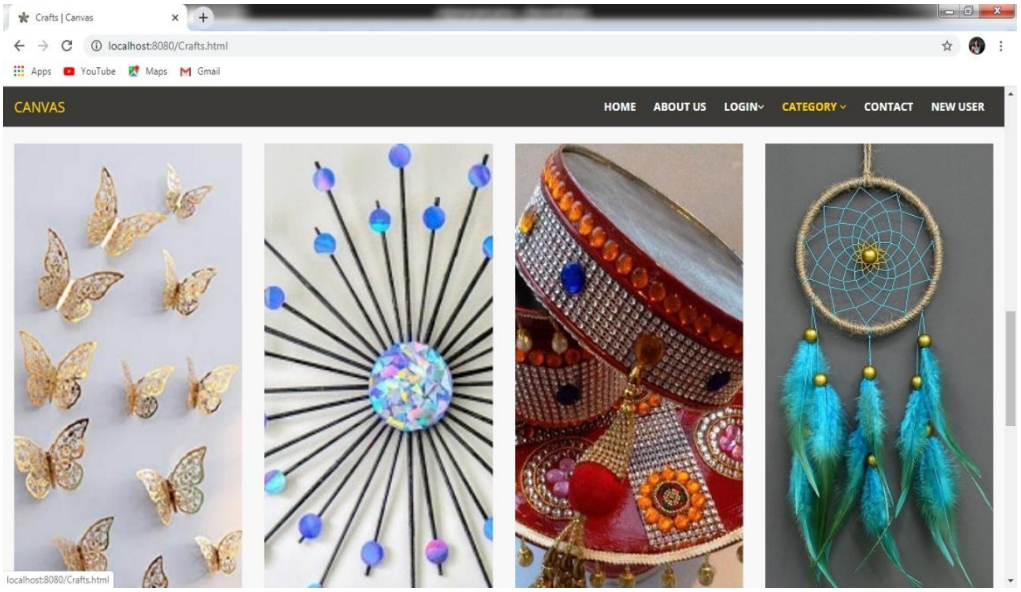
New User Page:

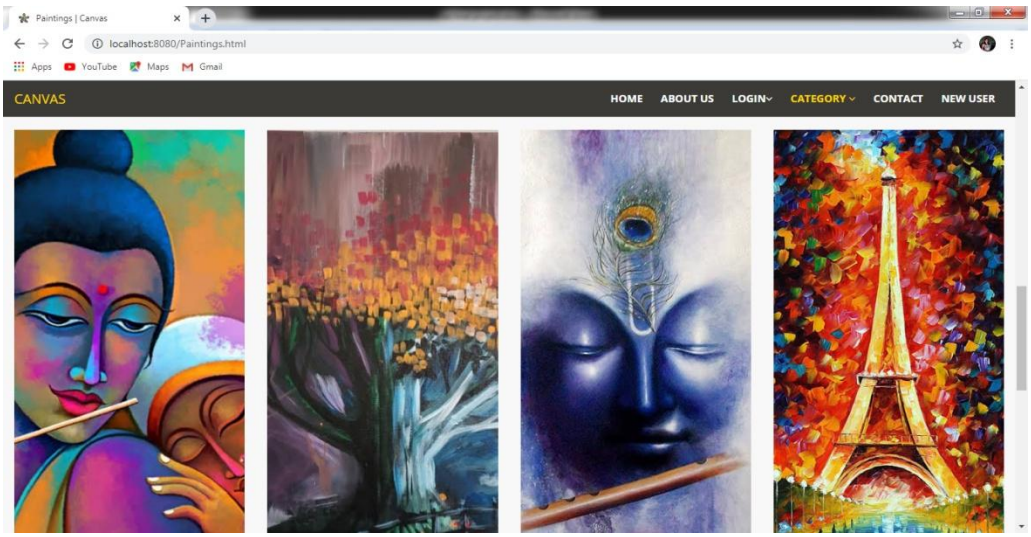


My Account Page:

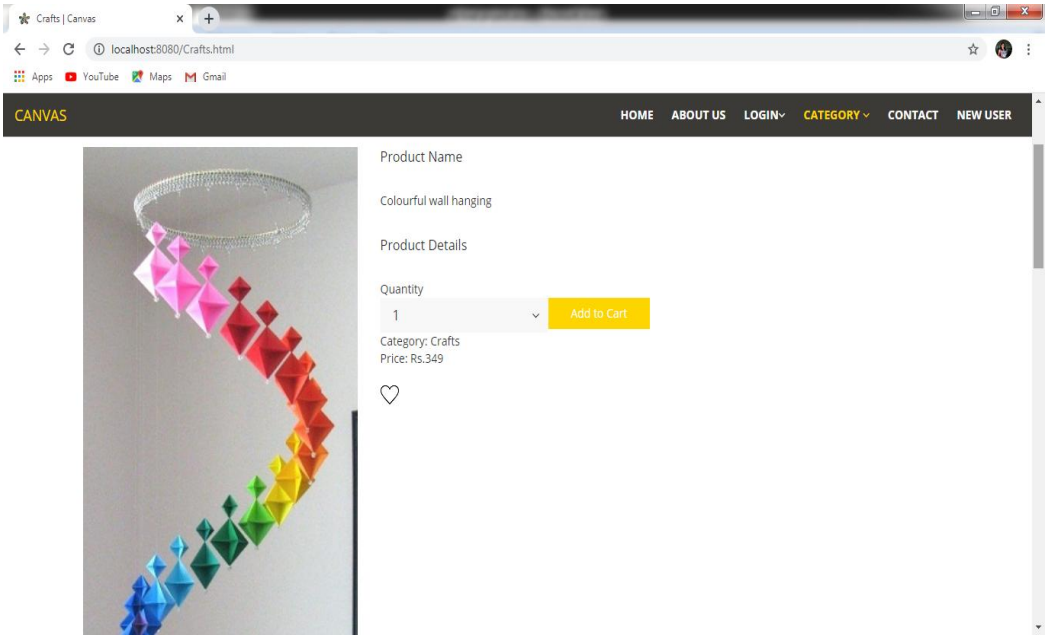


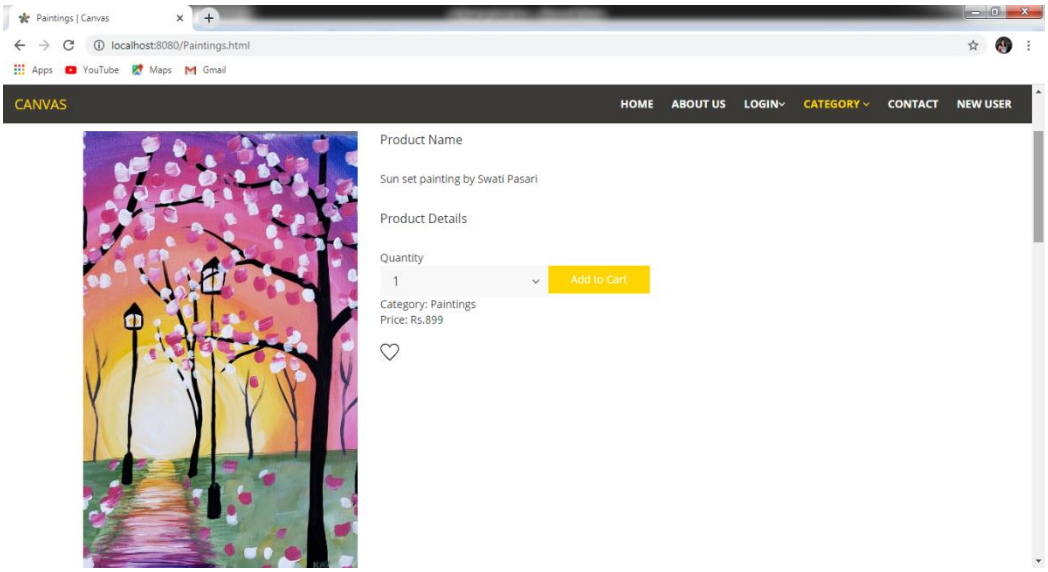
Product Page:



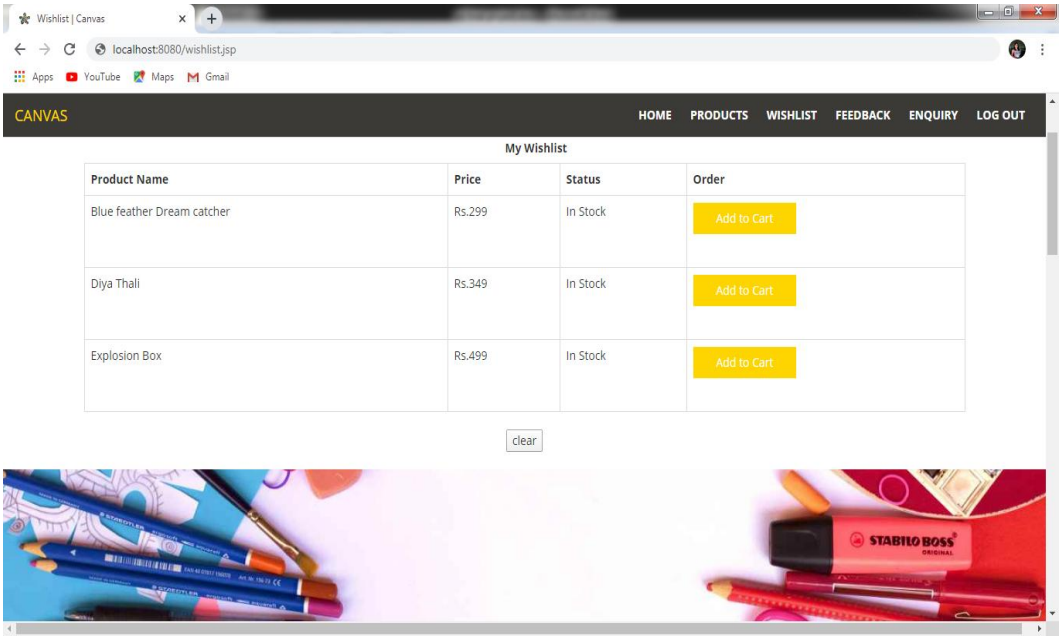


Product Details Page:

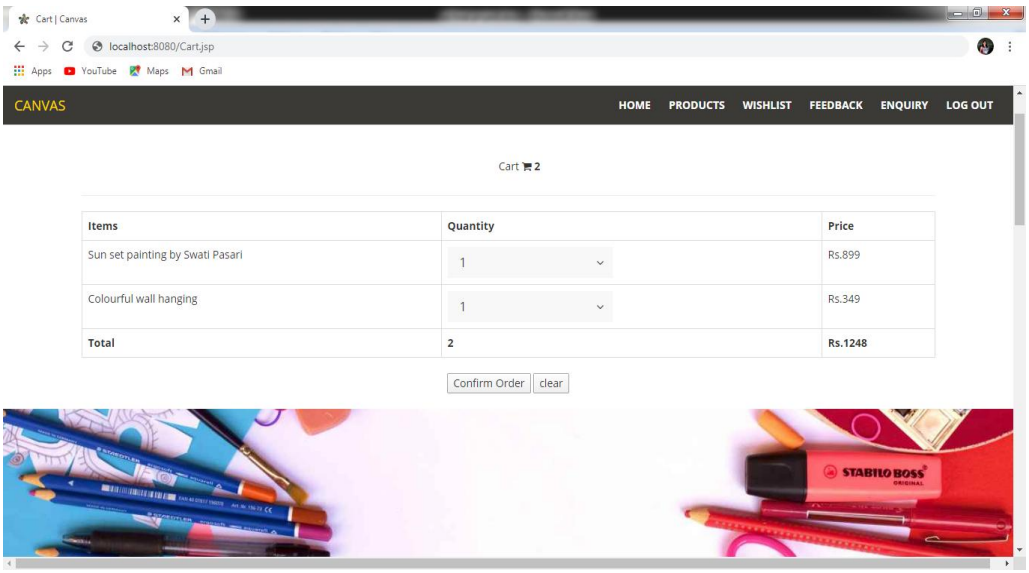




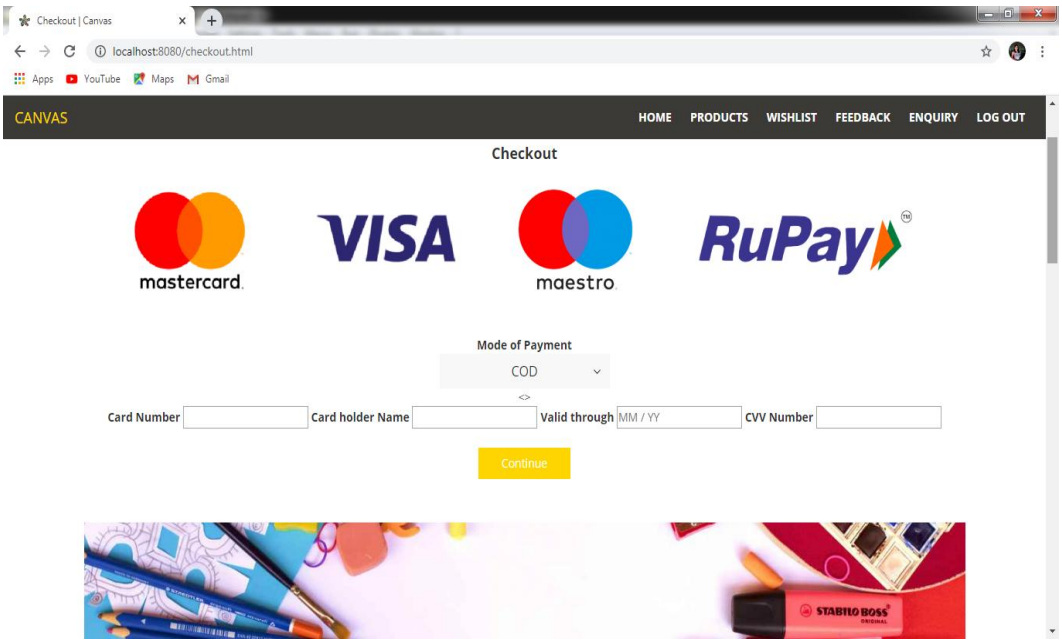
Product Added To Wishlist Page:



Product Added To Cart Page:



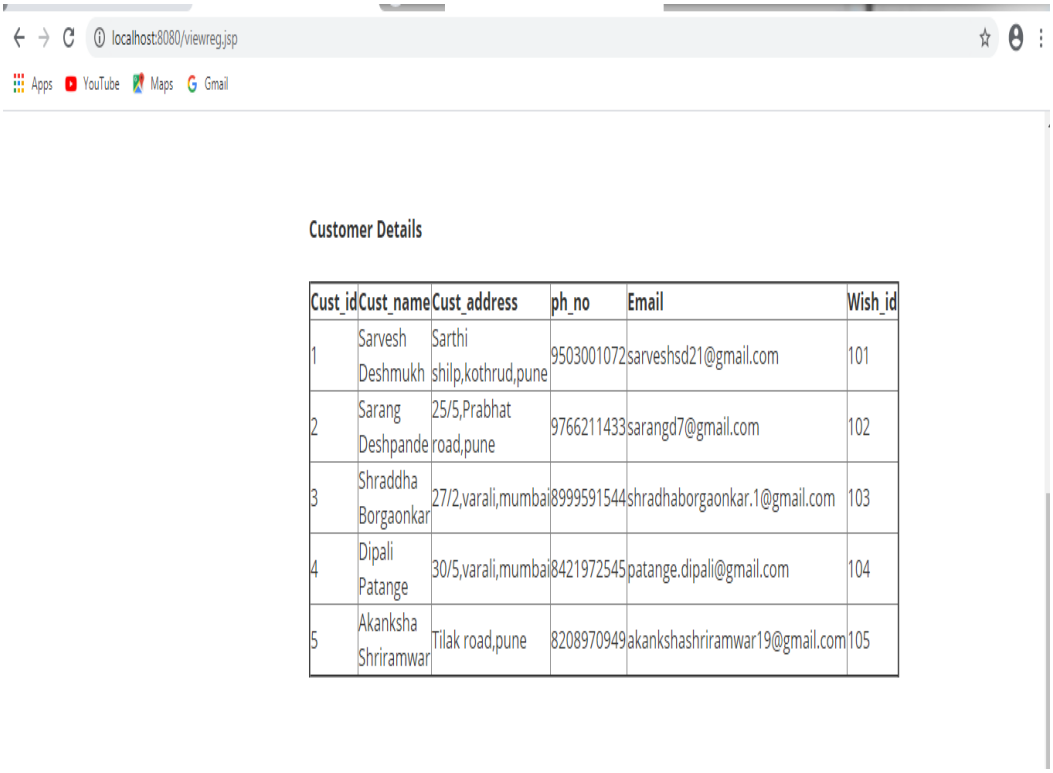
Payment Page:


Checkout | Canvas
localhost:8080/checkout.html
Apps
YouTube
Maps
Gmail
CANVAS
HOME
PRODUCTS
WISHLIST
FEEDBACK
ENQUIRY
LOG OUT
Checkout
mastercard
VISA
maestro
RuPay
Mode of Payment
COD
Card Number
Card holder Name
Valid through
MM / YY
CVV Number
Continue
STABILO BOSS

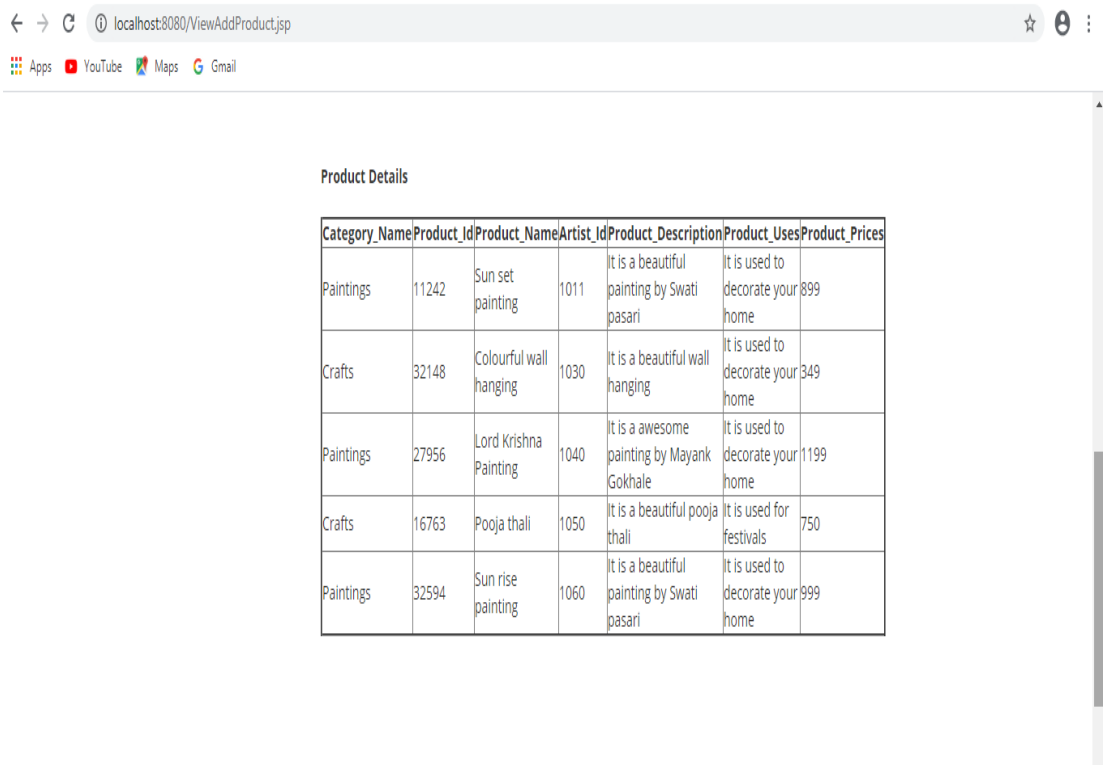
ANNEXURE 2:

Reports:

Customer Details:

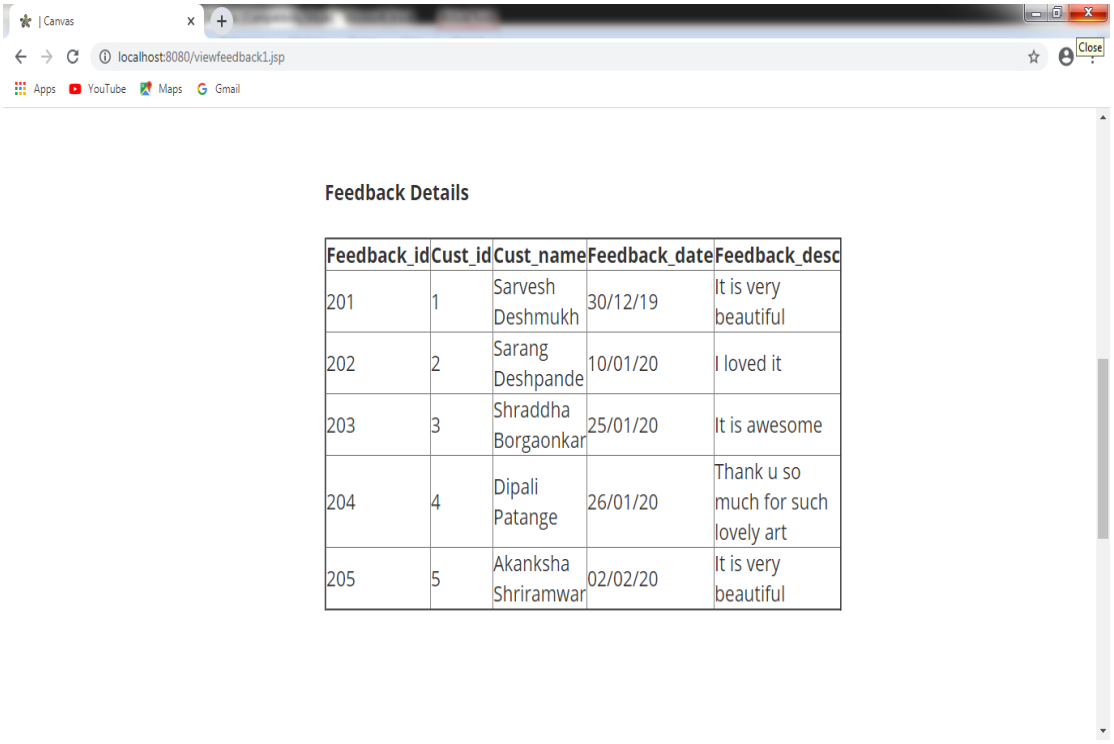


Product Details:



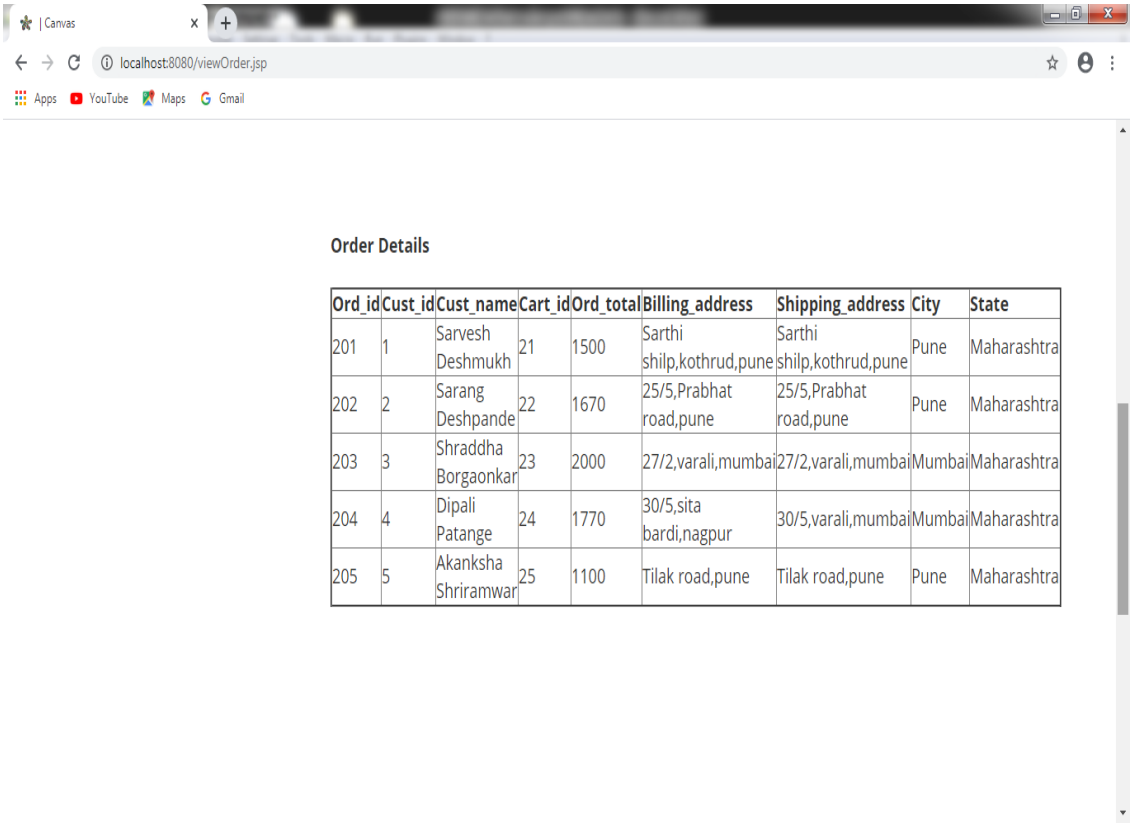
Category_Name	Product_Id	Product_Name	Artist_Id	Product_Description	Product_Uses	Product_Prices
Paintings	11242	Sun set painting	1011	It is a beautiful painting by Swati pasari	It is used to decorate your home	899
Crafts	32148	Colourful wall hanging	1030	It is a beautiful wall hanging	It is used to decorate your home	349
Paintings	27956	Lord Krishna Painting	1040	It is a awesome painting by Mayank Gokhale	It is used to decorate your home	1199
Crafts	16763	Pooja thali	1050	It is a beautiful pooja thali	It is used for festivals	750
Paintings	32594	Sun rise painting	1060	It is a beautiful painting by Swati pasari	It is used to decorate your home	999

Feedback Reports:



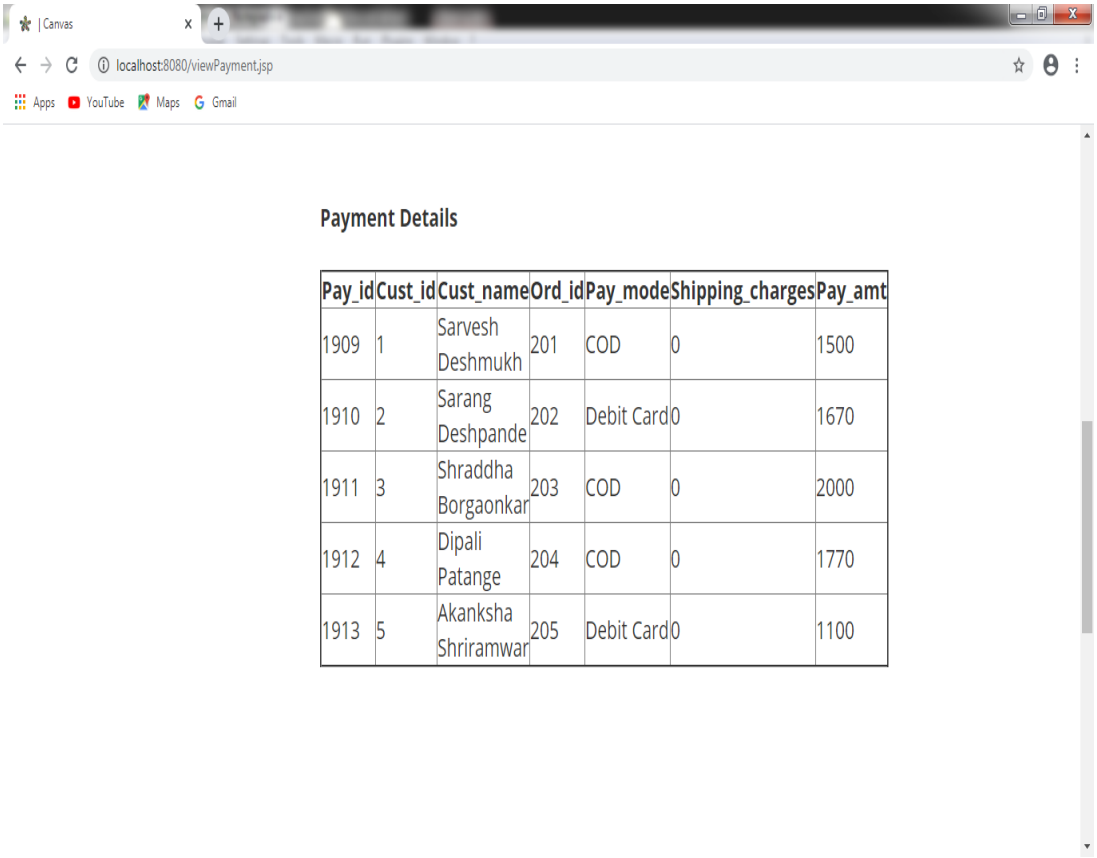
Feedback_id	Cust_id	Cust_name	Feedback_date	Feedback_desc
201	1	Sarvesh Deshmukh	30/12/19	It is very beautiful
202	2	Sarang Deshpande	10/01/20	I loved it
203	3	Shraddha Borgaonkar	25/01/20	It is awesome
204	4	Dipali Patange	26/01/20	Thank u so much for such lovely art
205	5	Akanksha Shriramwar	02/02/20	It is very beautiful

Order Details:



Ord_id	Cust_id	Cust_name	Cart_id	Ord_total	Billing_address	Shipping_address	City	State
201	1	Sarvesh Deshmukh	21	1500	Sarthi shilp,kothrud,pune	Sarthi shilp,kothrud,pune	Pune	Maharashtra
202	2	Sarang Deshpande	22	1670	25/5,Prabhat road,pune	25/5,Prabhat road,pune	Pune	Maharashtra
203	3	Shraddha Borgaonkar	23	2000	27/2,varali,mumbai	27/2,varali,mumbai	Mumbai	Maharashtra
204	4	Dipali Patange	24	1770	30/5,sita bardi,nagpur	30/5,varali,mumbai	Mumbai	Maharashtra
205	5	Akanksha Shriramwar	25	1100	Tilak road,pune	Tilak road,pune	Pune	Maharashtra

Payment Report:



Pay_id	Cust_id	Cust_name	Ord_id	Pay_mode	Shipping_charges	Pay_amt
1909	1	Sarvesh Deshmukh	201	COD	0	1500
1910	2	Sarang Deshpande	202	Debit Card	0	1670
1911	3	Shraddha Borgaonkar	203	COD	0	2000
1912	4	Dipali Patange	204	COD	0	1770
1913	5	Akanksha Shriramwar	205	Debit Card	0	1100

ANNEXURE 3:

SAMPLE PROGRAM CODE:

Java /JSP Source demo code

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>login</title>
</head>
<body>
<form action="login.jsp" method="post">
User name :<input type="text" name="usr" /><br>
password:<input type="password" name="password"/><br>
<input type="submit" /> </form>
  <p>New user. <a href="register.html">Login
      Here</a>. </body>
      </html>
```

login.jsp

```
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="java.sql.*,java.util.*"%>
<%
String userid=request.getParameter("userid");
session.putValue("userid",userid);
```

```
String password=request.getParameter("password");
Class.forName("com.mysql.jdbc.Driver");
java.sql.Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306
/student","root","");
Statement st= con.createStatement();
ResultSet rs=st.executeQuery("select * from users where
userid='"+userid+"' and password='"+password+"'");
try{
rs.next();
                if(rs.getString("password").equals(password)&
                &rs.getString("userid").equals(userid))
                {
                out.println("Welcome " +userid);
                }
                else{
                out.println("Invalid password or username.");
                }
                }
                catch (Exception e)
                {
                e.printStackTrace();
                }
                %>
                        register.html
                        <!DOCTYPE html>
                        <html>
                        <head>
                        <meta charset="ISO-8859-1">
                        <title>new registration</title>
                        </head>
                        <body>
```

```
  <form action="reg-
process.jsp" method="post">
First name
:<input type="text" name="fname" />
        Last name
        :<input type="text" name="lname" />
        Email ID
        :<input type="text" name="email" />
        User name
        :<input type="text" name="userid"/>
        password
        :<input type="password" name="password
        "/>
        <input type="submit" />
        </form></body></html>
        reg-process.jsp
<%@ page language="java" contentType="text/html;
    charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
    <%@page import="java.sql.*,java.util.*"%>
        <%
        String
        fname=request.getParameter("fname");
        String
        lname=request.getParameter("lname");
        String
        email=request.getParameter("email");
        String
        userid=request.getParameter("userid");
        String
        password=request.getParameter("password
```

```
");
try
{
Class.forName("com.mysql.jdbc.Driver");
Connection conn =
DriverManager.getConnection("jdbc:mysql
://localhost:3306/student", "root", "");
Statement st=conn.createStatement();
int i=st.executeUpdate("insert into
users(fname,lname,email,userid,password)value
s('"+fname+"','"+lname+"','"+email+"','"+userid
+"','"+password+"')");
out.println("Thank you for register ! Please <a
href='index.html'>Login</a> to continue.");
}
catch(Exception e)
{
System.out.print(e);
e.printStackTrace();
}
%>
```