

**PROJECT REPORT**

**ON**

**Smart HR Solutions**

**FOR**

**Source Tech Systems**

**BY**

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**UNIVERSITY OF PUNE**

**MASTER OF COMPUTER APPLICATION**

**MAHARASHTRA EDUCATION SOCIETY'S**

**INSTITUTE OF MANAGEMENT AND CAREER  
COURSES (IMCC), PUNE-411029**

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## ACKNOWLEDGMENT

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It is my proud privilege to express my sincere gratitude towards Director of IMCC **Dr. V.H.Inamdar** for encouragement, guidance and kind cooperation for this project. I sincerely thanks **Dr. Santosh Deshpande** for his valuable guidance and time. I would like to also thanks **Mrs. Shilpa Parlikar** to, internal guide for her great support in each and every phase of the project.

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Rahul Salve

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## **1.1 Company Profile**

Source Tech System is a global services provider delivering technology-driven business solutions that meet the strategic objectives of our clients. The company delivers unmatched business value to customers through a combination of process excellence, quality frameworks and service delivery innovation.

We work closely with our clients to create and deliver essential advantage. We bring foresight and knowledge, deep functional expertise, and a practical approach to build capabilities and deliver real impact. We adhere to all our commitments and our delivery is impeccable.

Source Tech Systems has strong technical and domain expertise along with significant implementation experience that complement Customer's business knowledge.

Source Tech Systems is highly Customer focused with flexible service delivery models to suit varying Customer requirements.

Source Tech Systems can design, build and organize web systems that meet the customer's exact business requirements. An organized and well arranged website is a vital tool for ornamenting your corporate image. An offshore web development will lead to reduced costs through online functionality and improve customer service. Well developed and premeditated websites are a basic fundamental communication need of every organization. We can offer you an attractive, perceptive interface with a logical and user friendly traversing layout that will engender a feeling of the difference between a happy visitor (and potential client) and a frustrated web surfer at you website.

We offer a wide gamut of professional and affordable web design services, together with high quality website design, flash and multimedia presentations. Our web development dedicated team constantly keep themselves up to date with the latest technological changes and sort out the latest web and design tools to ensure the high quality we development.

## **1.2 Existing System & Need for System**

### **Existing System:**

In the present scenario placement consultancies are playing vital role in providing a good job to those who require it & hence help a jobseeker to get his/her job. Ultimately this process of demand & procurement of job to jobseeker & find suitable talent for the organization growth is beneficiary for both. The intermediate people who are responsible for recognizing this demand & procurement are job provider or placement consultants.

Currently, when a job provider has any requirement for recruitment, they contact consultancies for it. Job provider provides all the details of their requirement and according to them, provider shortlist the jobseekers according to the resumes available in their database. Currently, the resumes are saved in the folders of different categories and all the information is saved in excel file.

## **Need of System**

As in the current manual system, it is not efficient, as it causes lot of data repetition, and there by wastage of space in the computer. Also it takes a lot of time to find a record manually according to the requirement of the job provider.

Hence the main objective of this software development project is to make a simple registration process as well as search process for job provider and job seeker. The job provider manager, with the help of some query can access all the records of the jobseeker based on their skills, experience and qualifications. Jobseeker can also search the available job. This is considerably simple and expeditious process.



### **1.3 SCOPE OF WORK**

In the new system, the resumes will be managed through a website. Here, job seeker can post their resumes and job provider can directly search for a jobseeker of their choice without consulting provider.

- **Jobseekers Management:**

Registration of new jobseekers, as well as authentication of existing jobseekers. Managing the jobseekers details like Login details, Contact details, Educational details, Professional details, Skill details. Searching job by Skills, Location, and Experience. And also apply for job.

- **Job Provider Management:**

Registration of Employer. Managing employer by authentication process. Managing Employer Login details, Contact details Company Information. Posting of job details by the employer as well as modification of job

details. Employer can search jobseeker by search option as by skills, location.

- Admin:

Admin can login to the system. Approve the company details and generate reports.

## **1.4 Operating Environment**

### **Hardware Requirement:**

Processor	Pentium IV Dual Core
RAM	1 GB
Hard Disk	140 GB

### **Software Requirement:**

Software	Version	Purpose
C#,ASP.NET	3.5	Front End Developer
SQL Server	2005	Back End Developer
Operating System	Windows XP	
Internet Explorer	8.0	

## **1.5 Detail Description of Technology Used**

### **ASP.NET:**

Web application development in .net with ASP.NET has evolved a great deal. The overall architecture of web application in .Net is much more improved and robust. The enhanced features in ASP.NET make it the best available technology for web application development.

### **.Net Framework:**

- The .Net framework is the infrastructure for the Microsoft .net platform.
- The .Net framework is an environment for building, deploying & running web application & web services.
- The .Net framework contains a common language runtime & common class libraries like ADO.NET, ASP.NET & windows forms to provide advanced

standard services that can be integrated into a variety of computer system.

- The .NET framework provides rich application environment, simplified development & easy integration between a no. of different development languages.
- The .Net framework is language neutral. Currently it supports C++, C#, Visual Basic.
- Microsoft Visual Studio is a common development environment for .Net framework.
- ASP.NET has better language support, a large set of new controls & XML based component & better user authentication.
- ASP.NET provides increased performance by running complied code.

## **Features of ASP.NET:**

- Better language support
- Programmable controls
- Event-driven programming
- XML based component
- User authentication
- Higher scalability
- Increased performance
- Easier configuration & deployment
- Not fully ASP compatible

## **Better Language Support:**

ASP.NET uses the ADO.NET to access database information.

- ASP.NET support visual basic.
- ASP.NET support C#,C++
- ASP.NET support Jscript

## **ASP.NET Controls:**

- ASP.NET contains a large set of HTML controls. Almost all HTML elements on a page can be defined as ASP.NET control objects that can be controlled by script.
- ASP.NET also contains a new set of object oriented input controls like programmable list boxes & validation controls.
- A new data grid control supports sorting, data paging & everything you expect from a dataset control.

## **Event Aware Controls:**

- All ASP.NET object on web page can expose events that can be processed by ASP.NET code.
- Load, click & change events handle by code makes coding much simpler & much better organized.

## **ASP.NET Components:**

ASP.NET components are heavily based on XML. Like the new AD rotator, that uses XML to store advertisement information & configuration.

## **User Authentication:**

ASP.NET support forms based user authentication including cookies management & automatic redirecting of unauthorized logins.



### **User Accounts & Roles:**

ASP.NET allows for user accounts & roles to give each user access to different server code & executables.

### **Higher Scalability:**

ASP.NET provides greater scalability. Server to server communication has been greatly enhanced, making it possible to scale an application over several servers. One example of this is the ability to run XML parsers, XML transformation & even resource hungry session object on other servers.

### **Increased Performance compiled code:**

The first request for an ASP.NET page on the server will compile the ASP.NET code & keep a cached copy in the memory. The result of this is greatly increased performance.

### **Easy Configuration:**

Configuration of ASP.NET is done with plain text files. Configuration files can be uploaded or changed while the application is running. No need to restart the server. No more registry puzzle.

### **Easy Development:**

No more server restart to deploy or replace compiled code. ASP.NET simply redirects all new requests to the new code.

### **Compatibility:**

ASP.NET is not fully compatible with earlier versions of ASP, so most of the ASP code will need some changes to run under ASP.NET. To overcome this problem, ASP.NET uses a new file extension “.aspx”. This will make ASP.NET application able to run side by side with standard ASP application on the same server.

## **Programmable Controls:**

ASP.NET contains HTML server controls, Web server controls, Validation controls, List controls, Data controls etc.

## **SQL Server:**

### **SQL is a database management system:**

A database is a structural collection of data. It may be anything a simple shopping list to a picture gallery of the vast amounts of information in a corporate network. To add access and process data stored in a computer database. You need a database management system such as SQL .Since computer are very good at handling good amount of data.

### **SQL is a Relational Database Management system:**

A relational database management stores data in tables rather than putting all the data in one big storeroom. It is add speed and flexibility. The tables are linked by define relations making it possible to combine data from several tables on request.

## **SQL is Open Source Software:**

Open Source Software that it is possible to use and modify for anyone. Anybody can download SQL from the internet and use it without paying anything.

## **2.1 Proposed System**

1. The proposed system starts with creating a personal account for both the job seeker and the job provider.

2. Proposed system, for the job seeker has a registration process. Where the job seeker has to submit his/her overall details. There is also functionality to update the details he/she has entered.

3. The jobseeker searches job in the system as per his/her qualification

And technical skills listed by the different job provider.

4. The job provider can search the job seeker in the system as per their requirement or they can post their job on the system from which the jobseeker searches his job.

5. The Admin can approve the company or delete the company.

6. Hence a simple user friendly registration process, report generation and friendly control over application excuse the jobseeker from tedious and irritating job seeking.

## **2.2 Objective of the system**

The application is named as Smart HR Solution job portal and it is a job consultant's application. This product is almost an online job site, which is an innovative endeavor and has been designed from the jobseekers liberty point of view. The main motto behind this application is to provide the jobseeker an easy and user-friendly registration process with the consulting agencies. This application has very simple registration process. This product is not only easy for the jobseeker but for the agency as well.

This is quite a simpler and easier process instead of the lengthy and cumbersome registration of the several consultants and companies in the recruitment process. It also provides a hassle-free search for jobseeker and job provider.

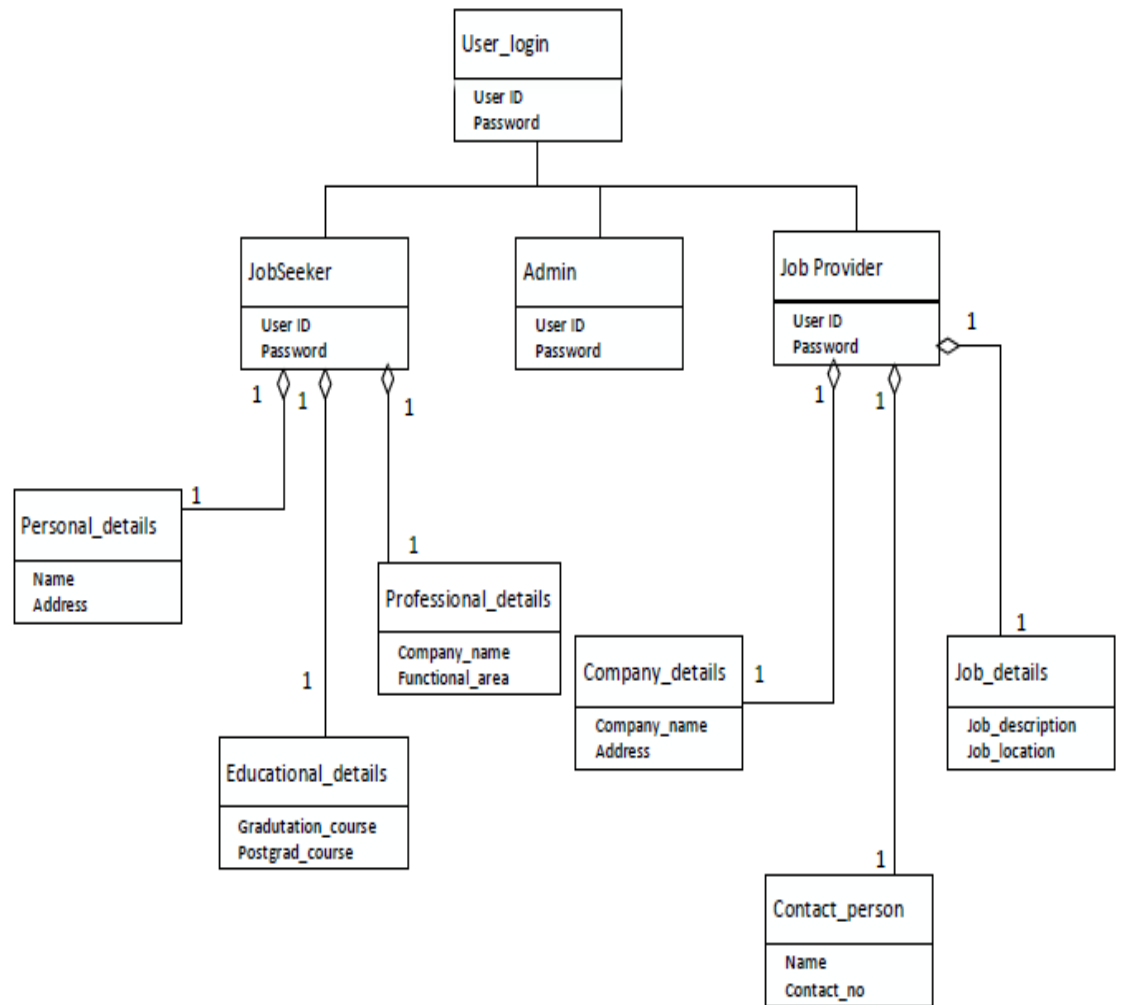
## **2.3 User Requirement**

The users of the system are the entities that interact with the system very often. They are jobseeker, job provider and admin.

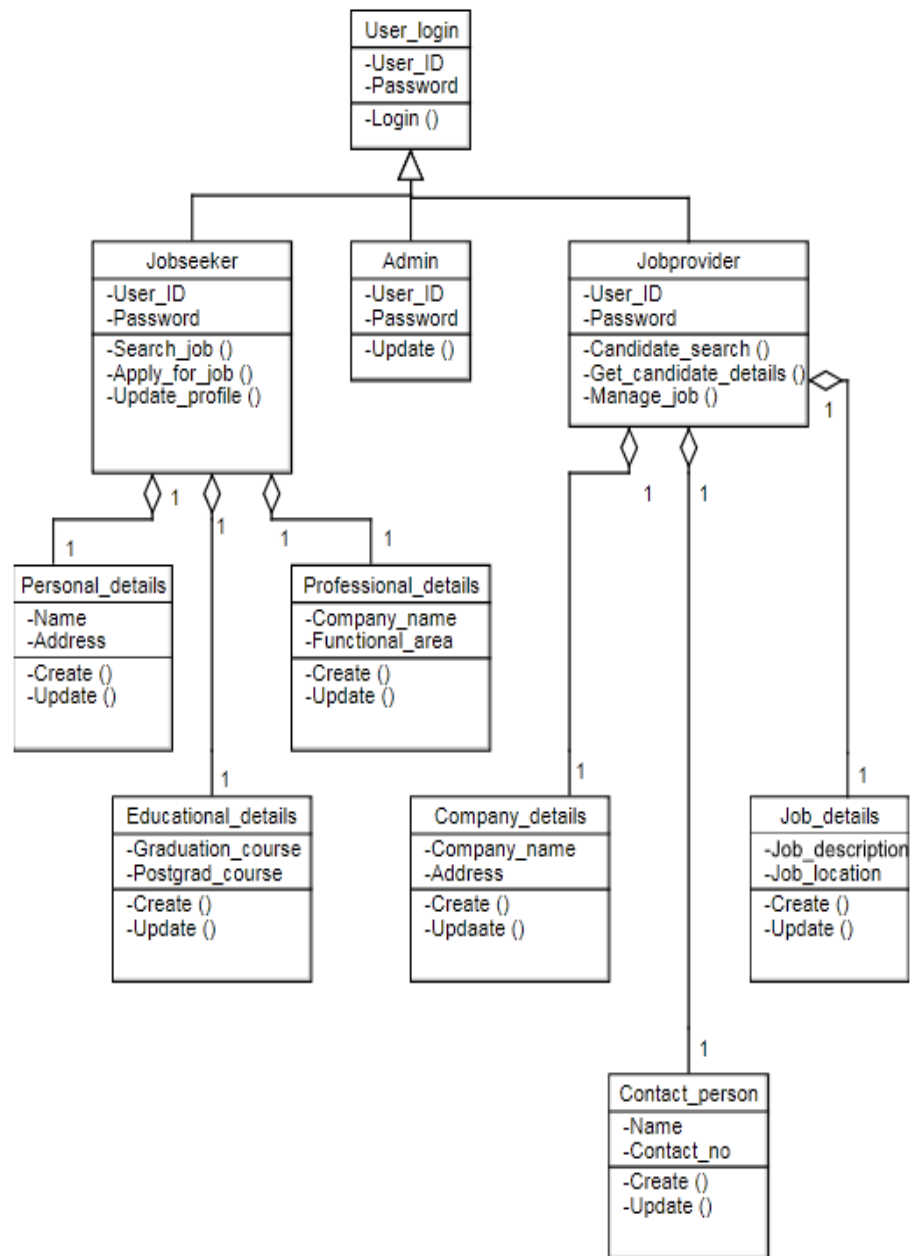
- ❖ To provide the facility of search job and apply for job in easy way.
- ❖ To provide the facility of post jobs in easy way.
- ❖ To provide error free data maintenance and retrieving.
- ❖ To reduce redundancy and save time for data maintenance.
- ❖ Generating reports without time consumption.
- ❖ Ensure to consistency and accuracy of database with the help of data validation.



### 3.1 Object Diagram

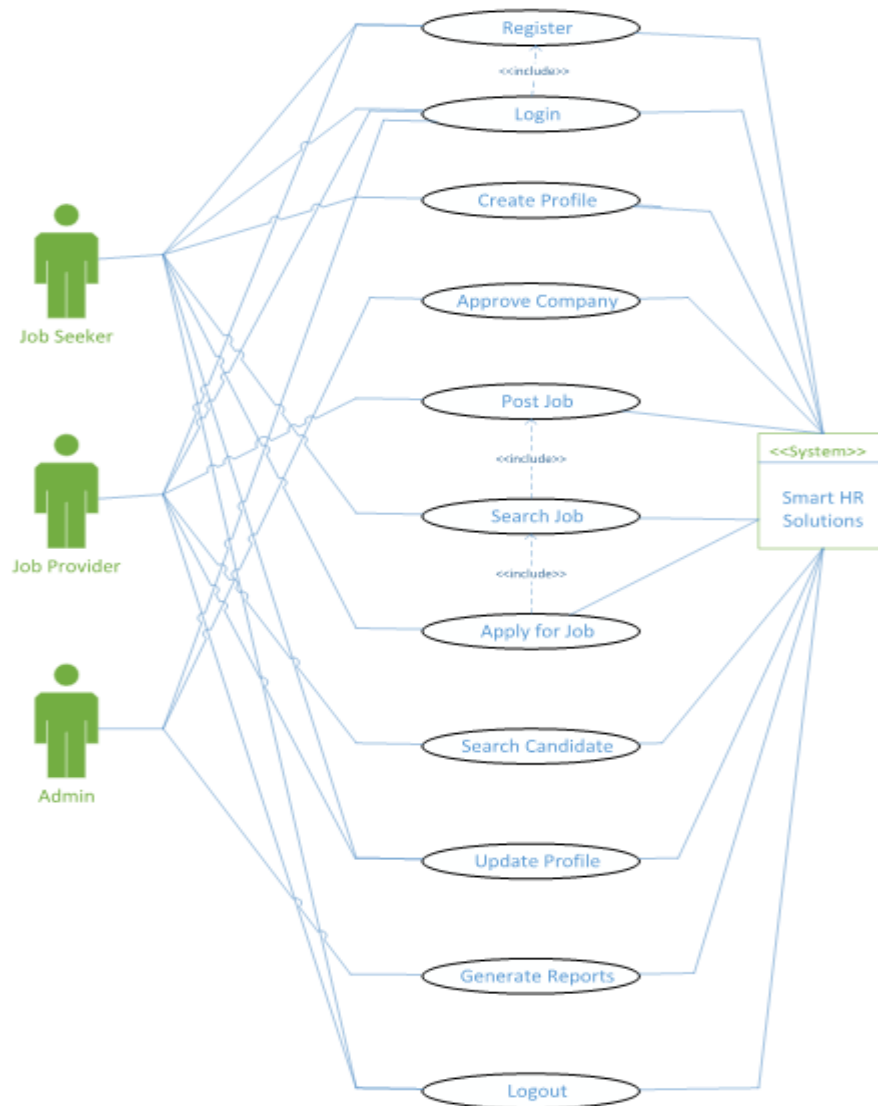


### 3.2 Class Diagram

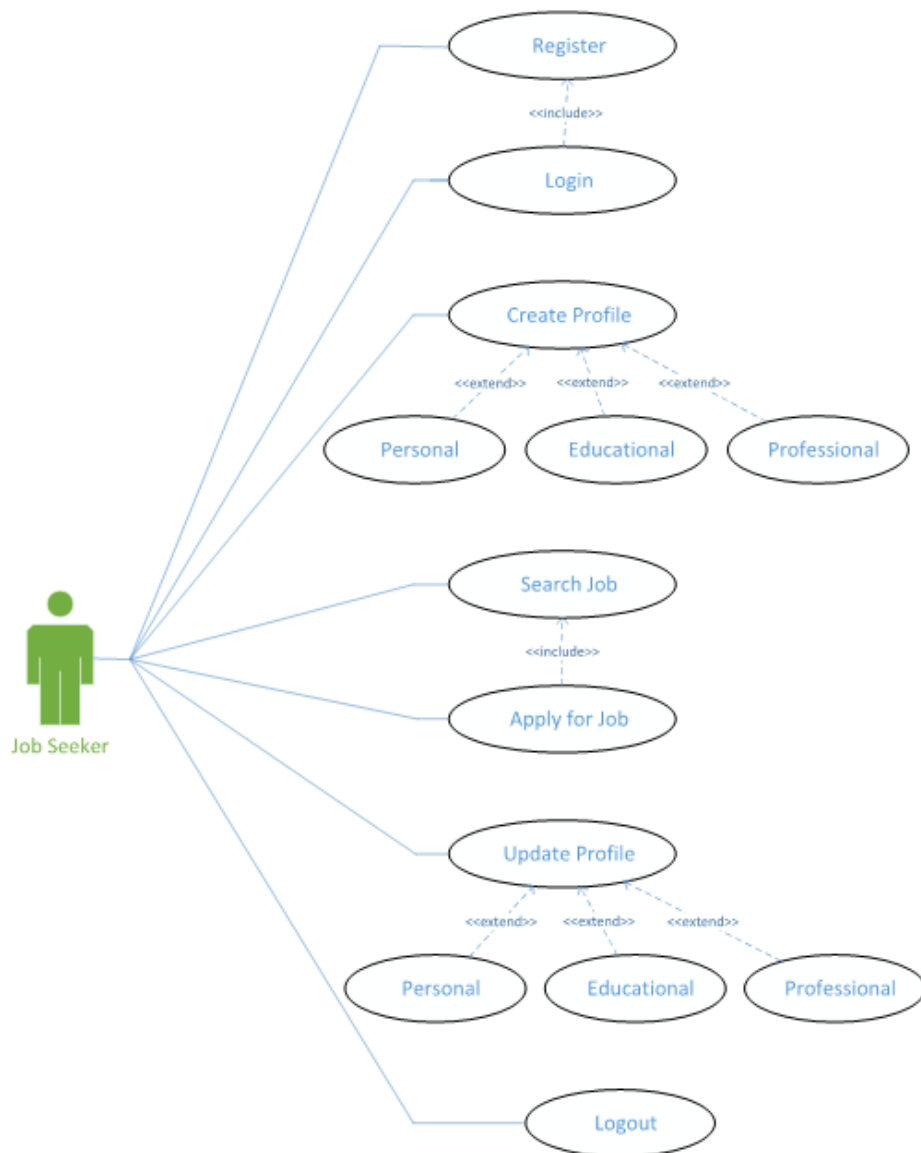


### 3.3 Use Case Diagram

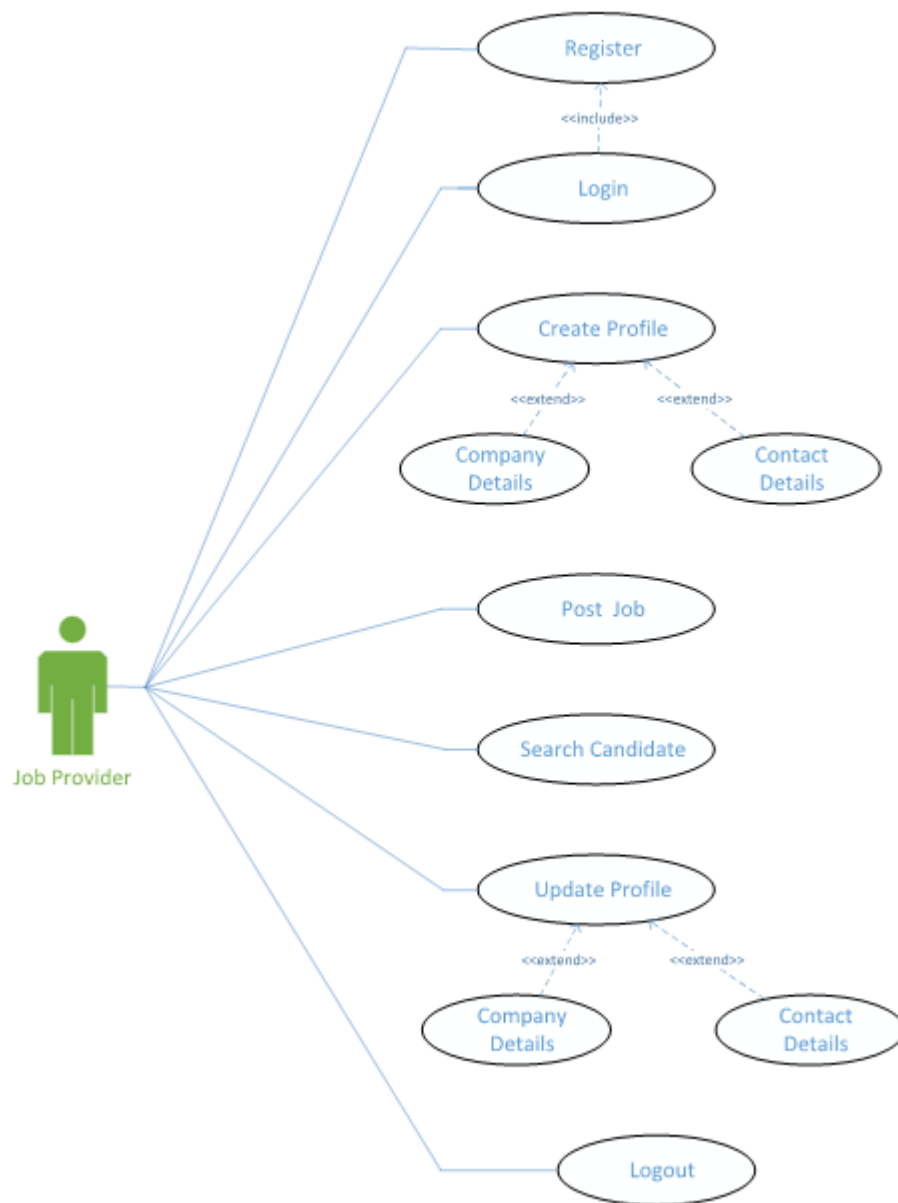
Use case of Total functionality:-



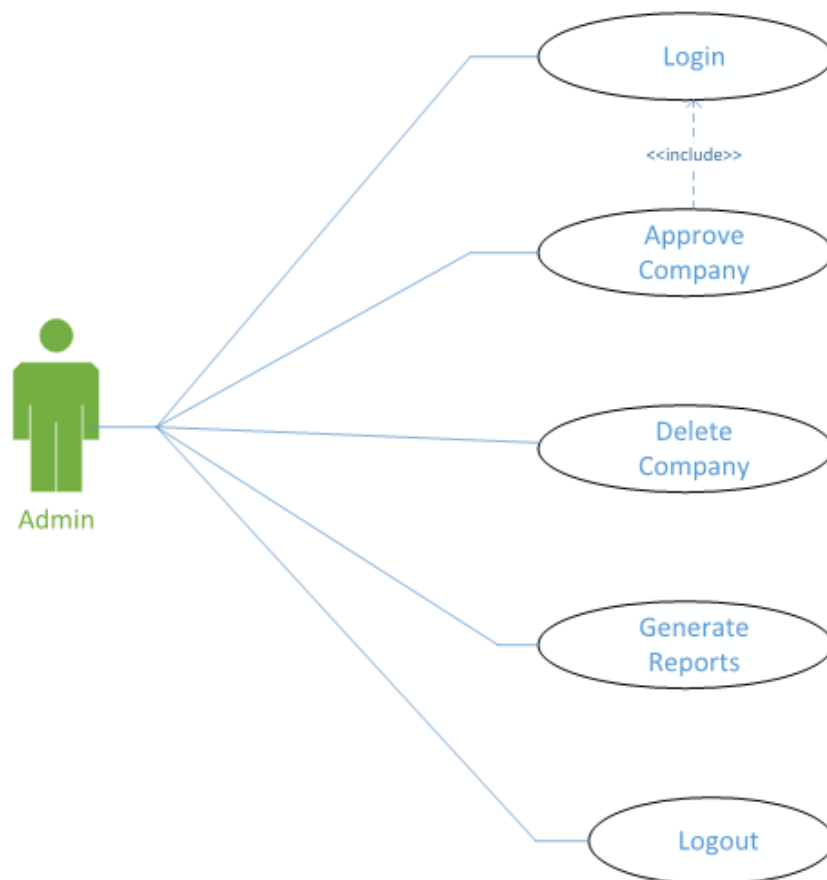
## Use Case for Job Seeker:-



## Use Case for Job Provider:-

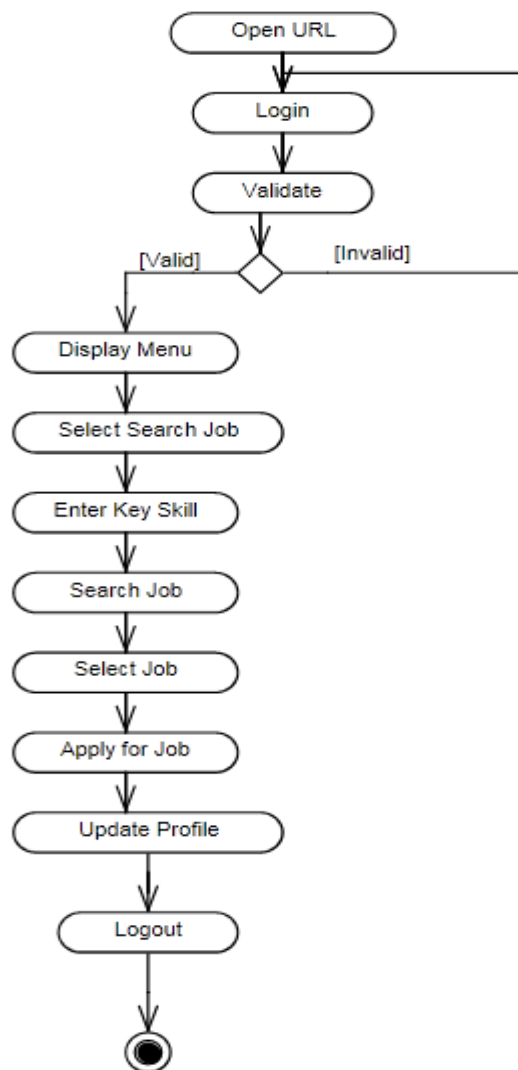


## Use Case for Admin:-

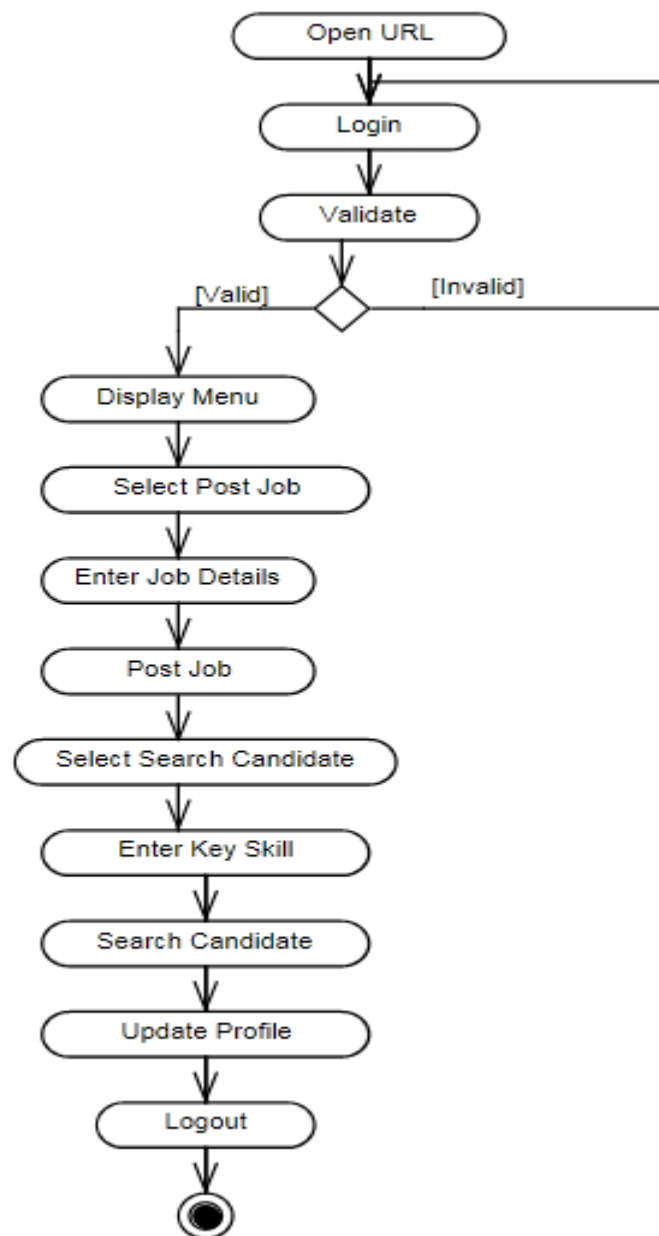


### 3.4 Activity Diagram

**Activity diagram for Job Seeker:-**

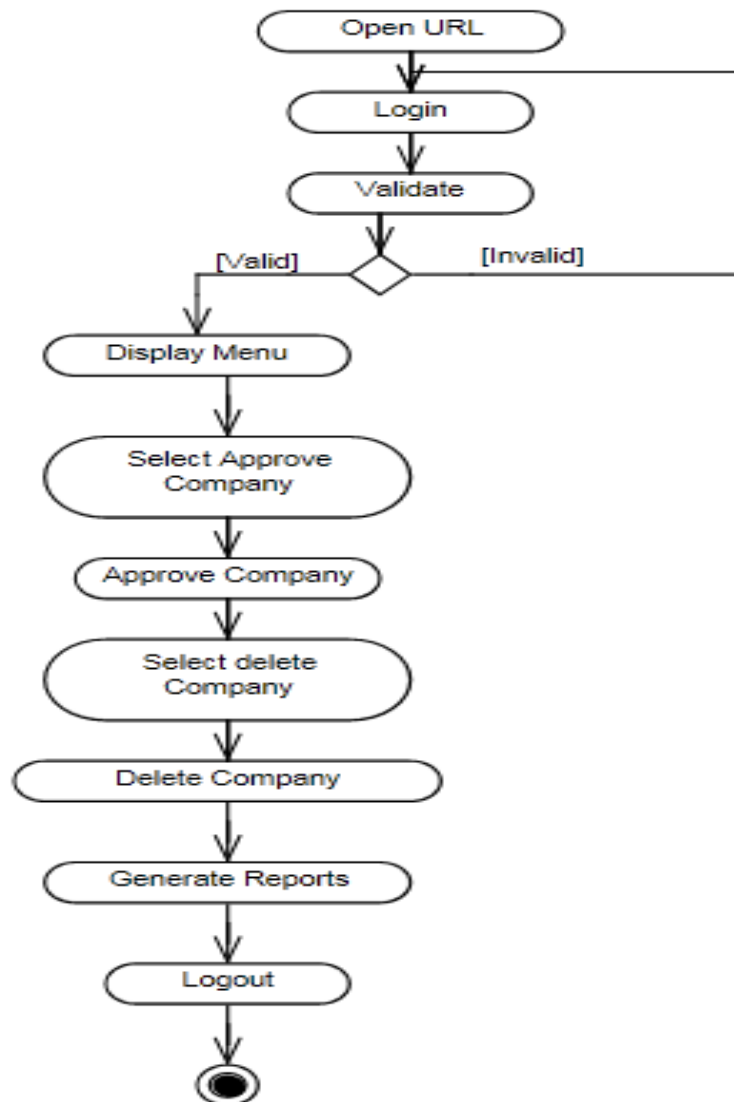


### Activity diagram for Job Provider:-



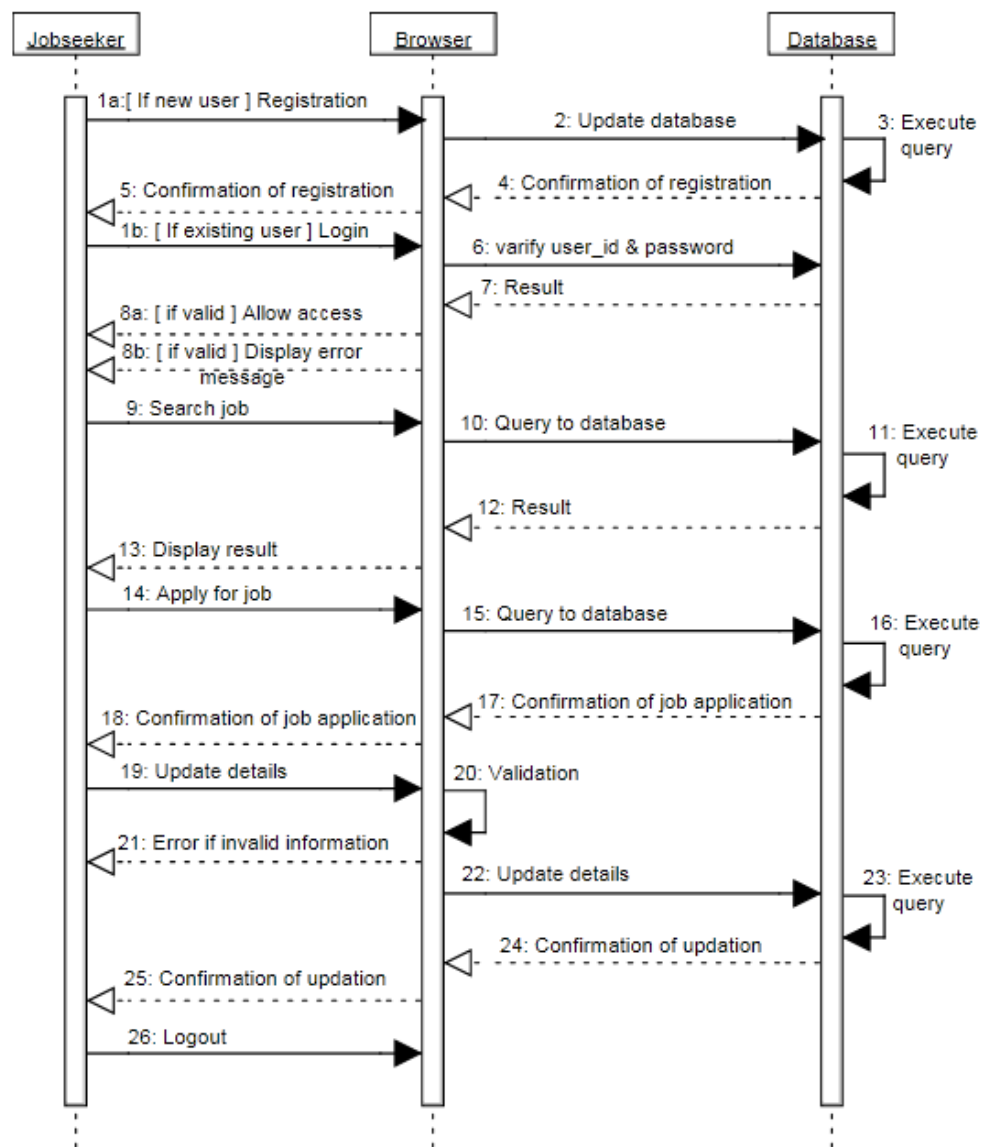


### Activity diagram For Admin:-

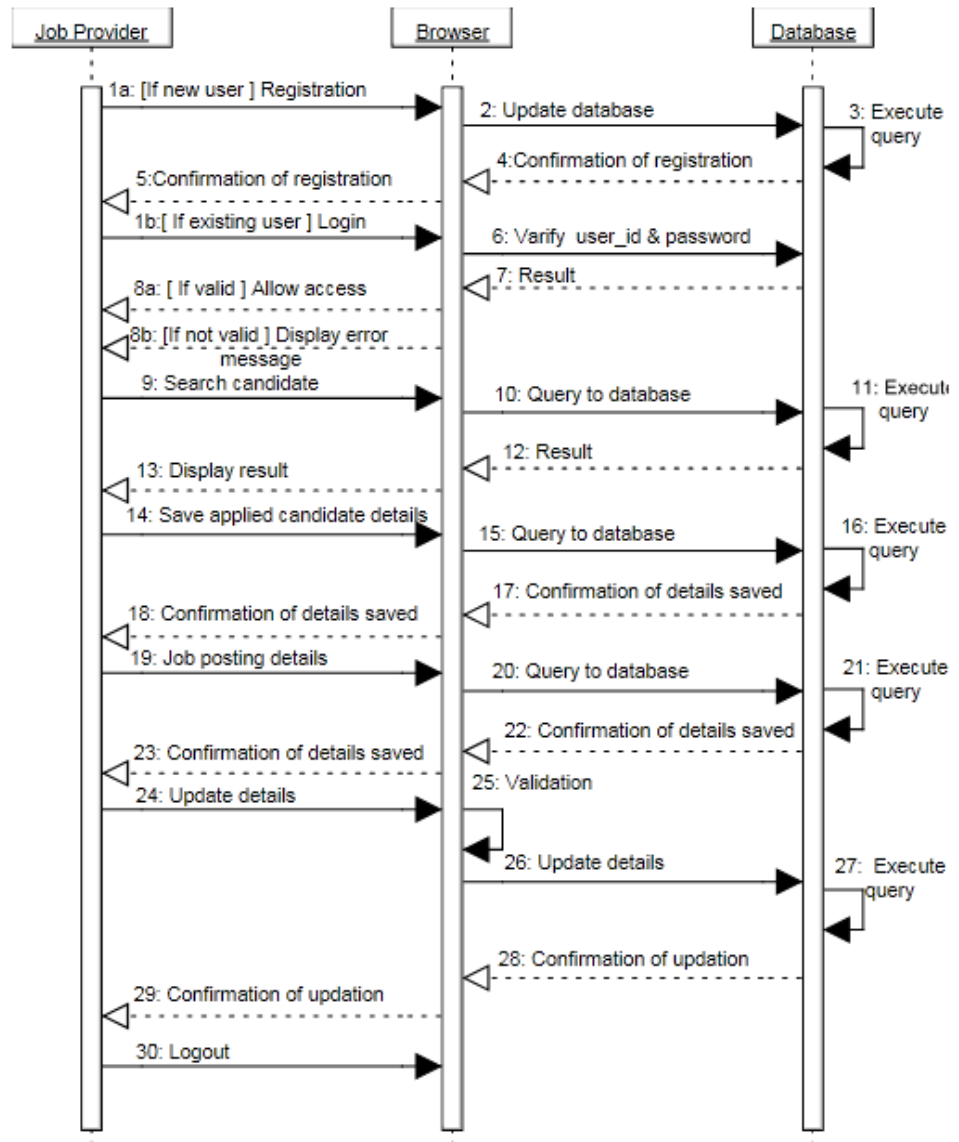


### 3.5 Sequence Diagram

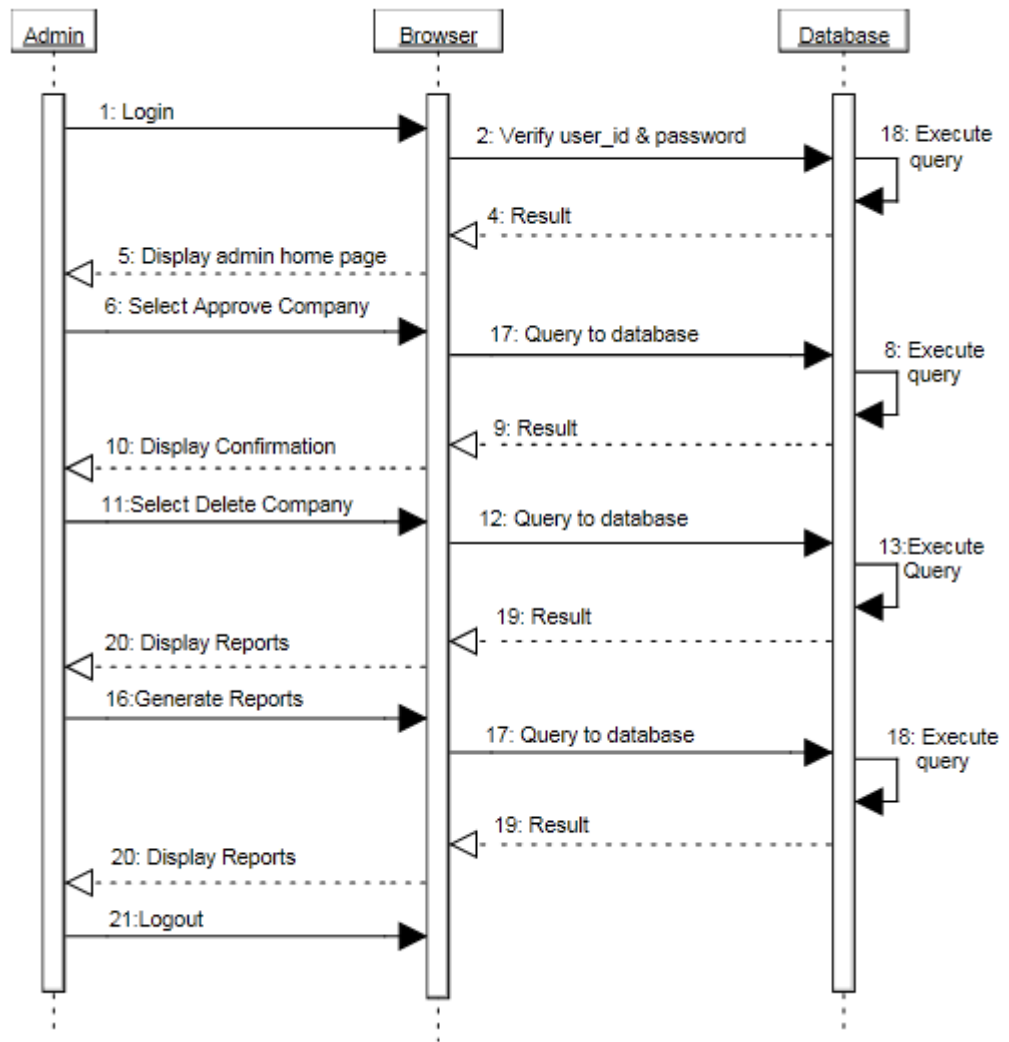
Sequence diagram for Job Seeker:-



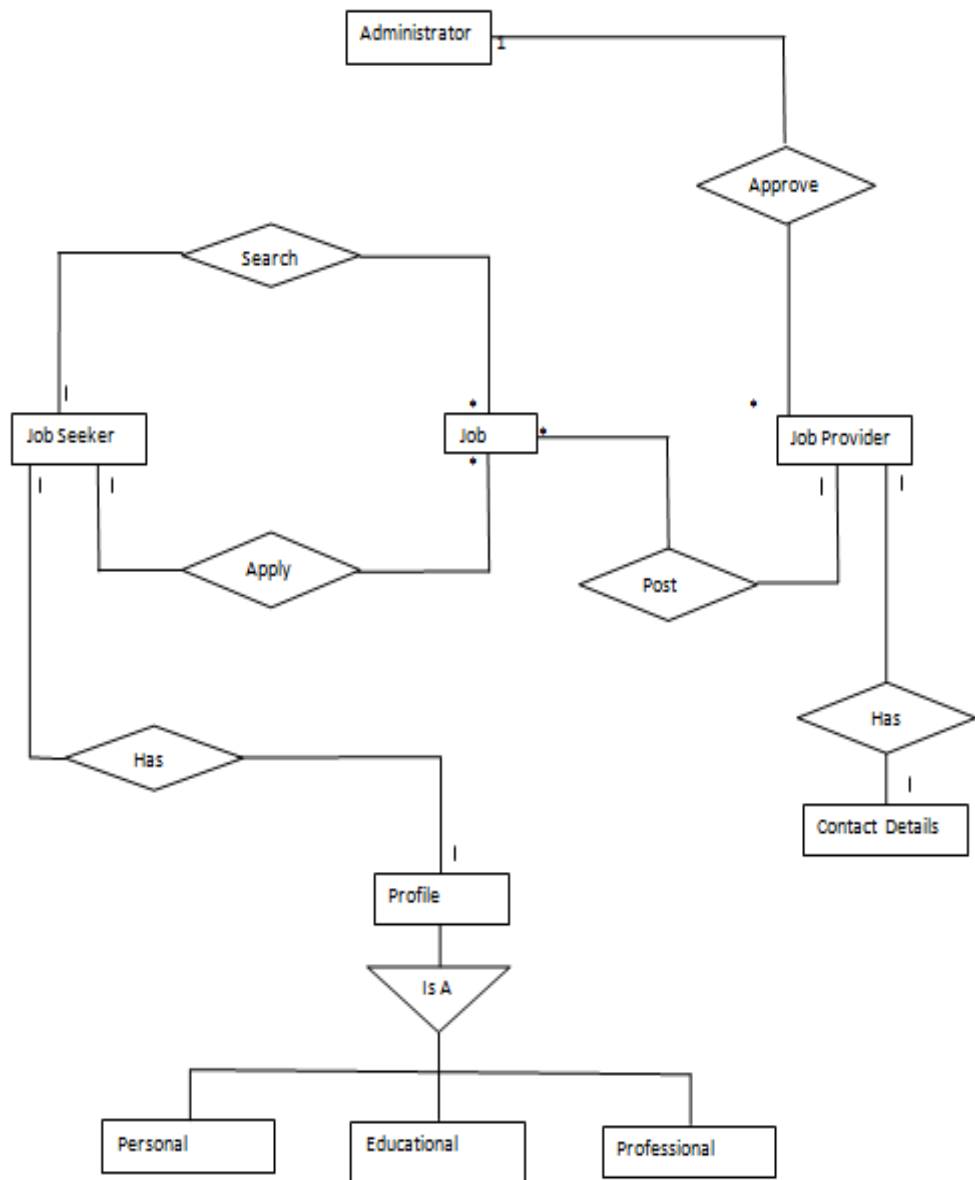
## Sequence Diagram for Job Provider:-



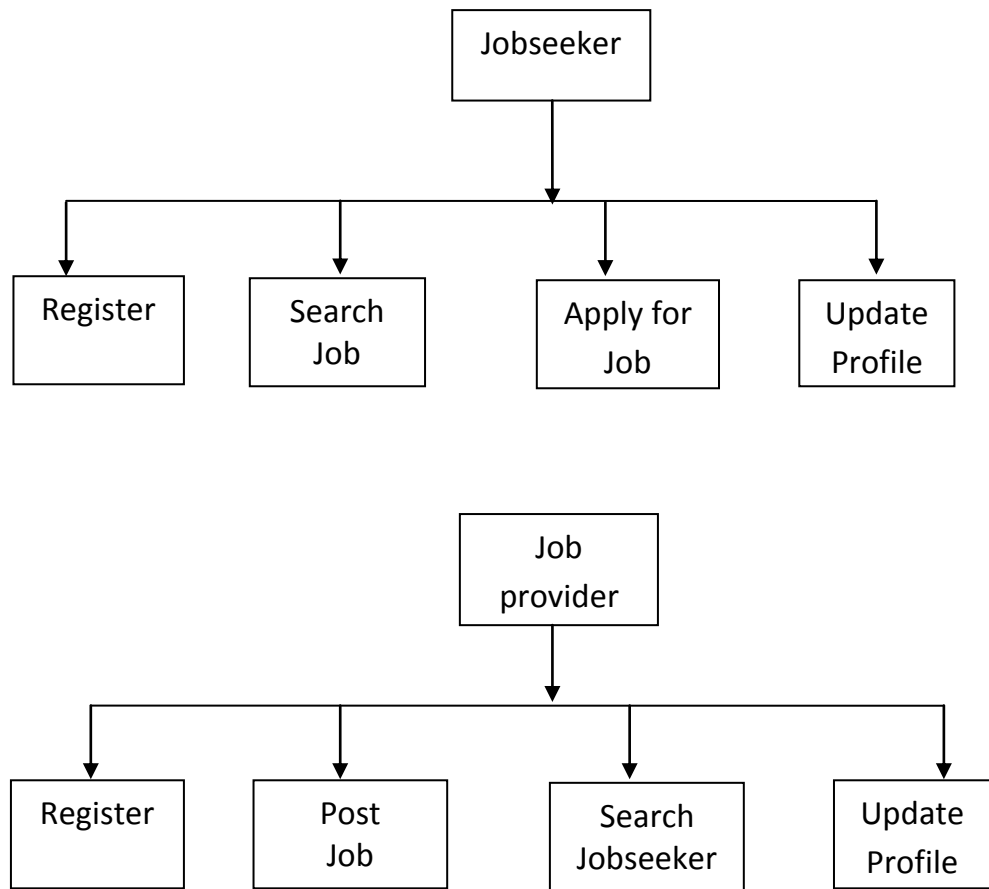
## Sequence Diagram for Admin:-

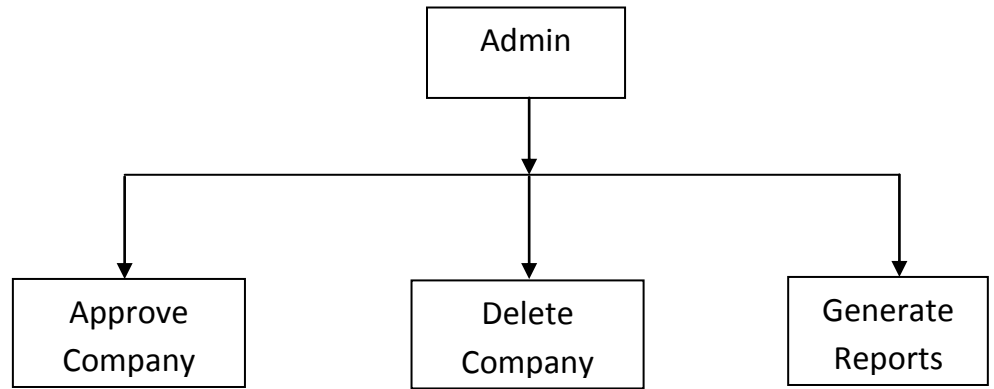


### 3.6 Entity Relationship Diagram (ERD)

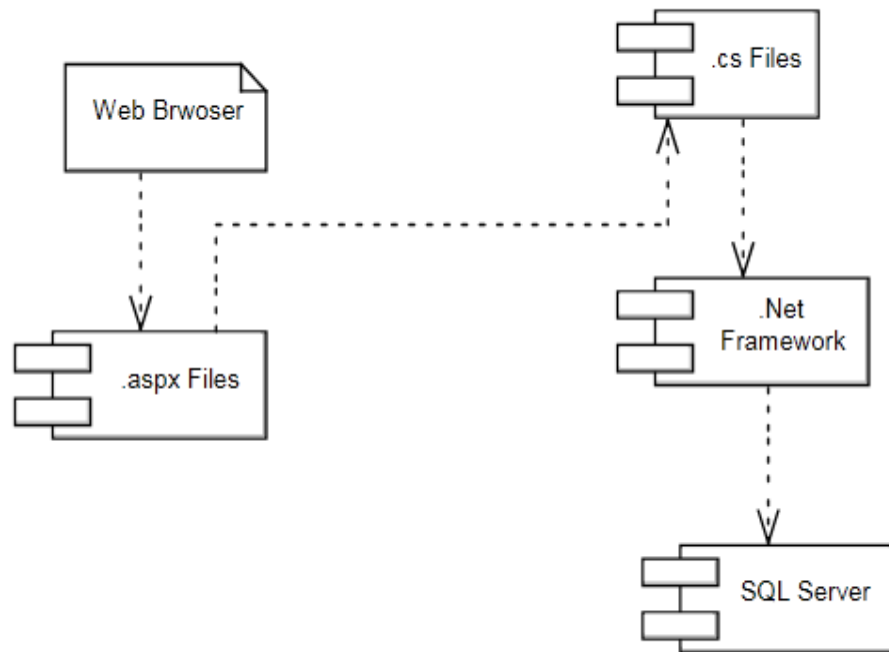


### 3.7 Module Hierarchy Diagram



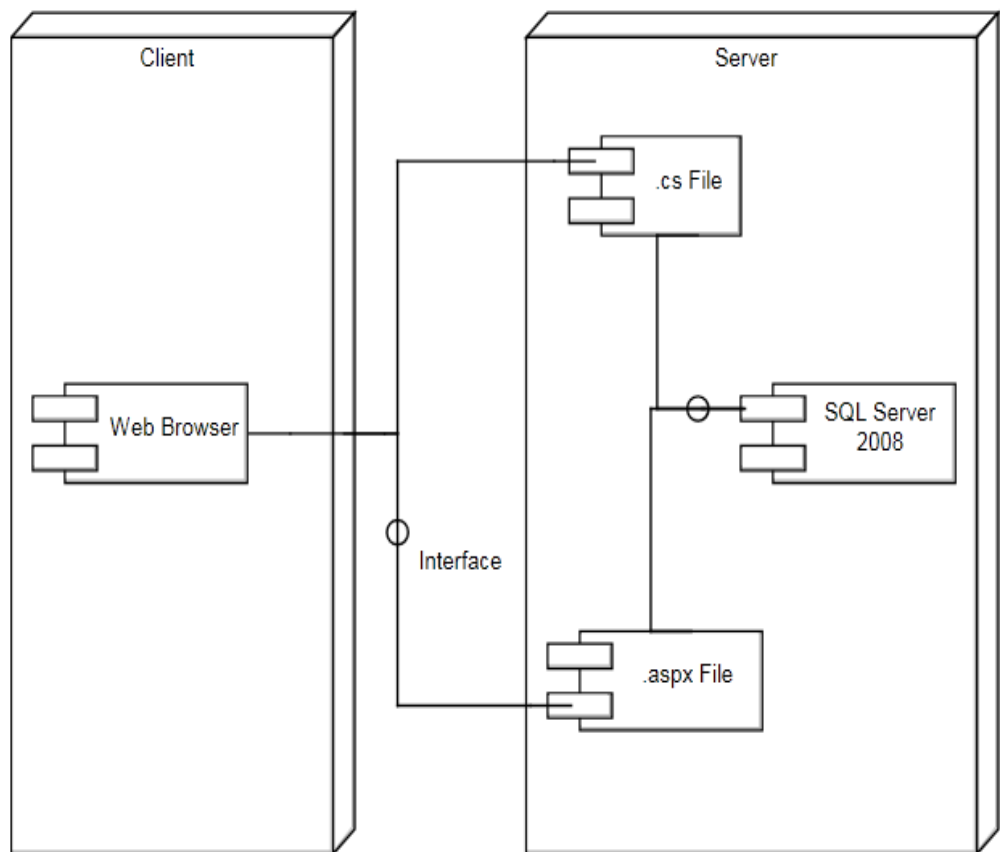


### 3.8 Component Diagram:-





### 3.9 Deployment Diagram:-



### **3.10 Module Specification**

#### **Module : Registration**

Here a jobseeker and job provider can register by submitting the required details.

#### **For Job Provider**

#### **Module : Job Posting**

Here, an job provider can post the job profile he needs.

Employer posts the information regarding job details, industry details, education details and contact details.

#### **Module : Search Jobseekers**

Here, an job provider can search jobseekers as per need.

Employer can search job seekers by keywords as key skill, location, course or experience.

## **Module : Update Profile**

Here, an job provider can update profile as per need, such as company details, contact details.

## **For Job Seeker**

### **Module : Jobseeker Profile Creation**

Here a jobseeker can create his personal, educational, professional profile.

### **Module : Job Search & Apply**

Here a jobseeker can search a job according to the requirements of the job provider and those which meets the jobseeker profile. Also he can apply for the job which he finds suitable for him.

### **Module : Update Profile**

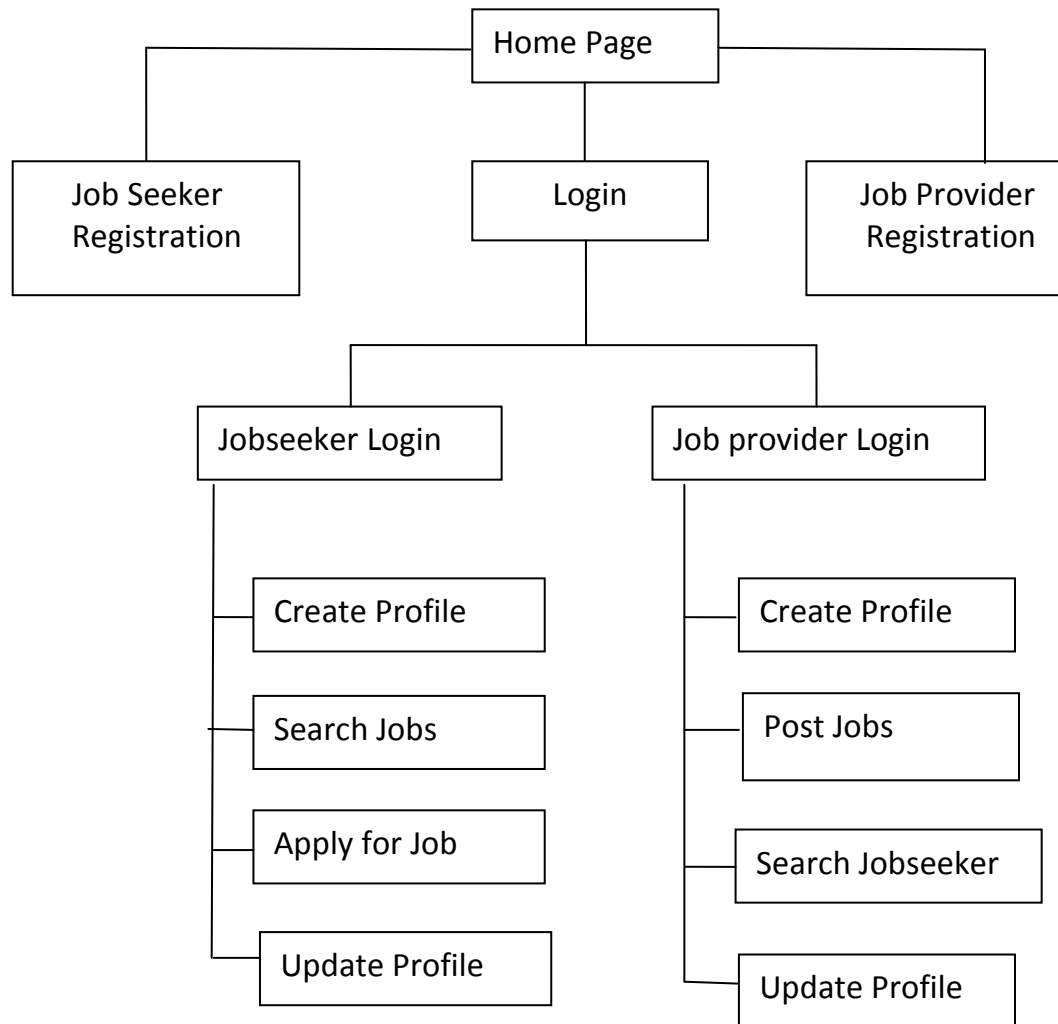
Here a jobseeker can update his personal, educational, professional details.

## **For Admin**

### **Module : Approve or Delete Company Profile**

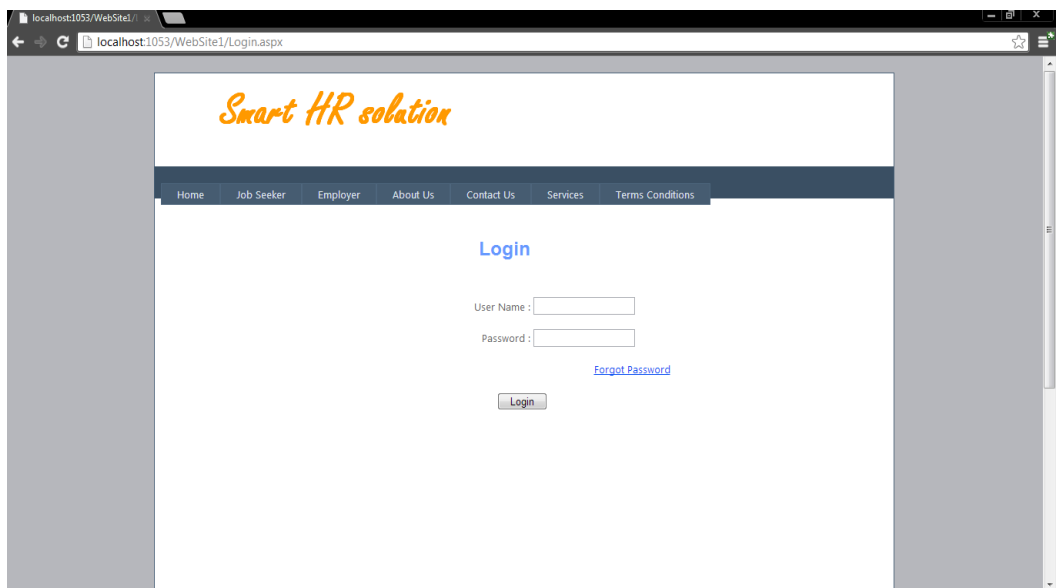
Here an Admin can approve the company details or can delete the company details.

### 3.11 Web Site Map Diagram



## 3.12 User Interface Design

### **Login:-**



The screenshot displays a web browser window with the address bar showing 'localhost:1053/WebSite1/Login.aspx'. The page features a header with the text 'Smart HR solution' in a stylized orange font. Below the header is a dark blue navigation menu with the following items: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled 'Login' in blue text. It contains two input fields: 'User Name : ' and 'Password : '. To the right of the password field is a blue link labeled 'Forgot Password'. Below these fields is a 'Login' button.

## Job Seeker Registration:-

localhost:1053/Website1/

localhost:1053/Website1/CandidateRegister.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

### Registration

User Name :

Email ID :

Password :

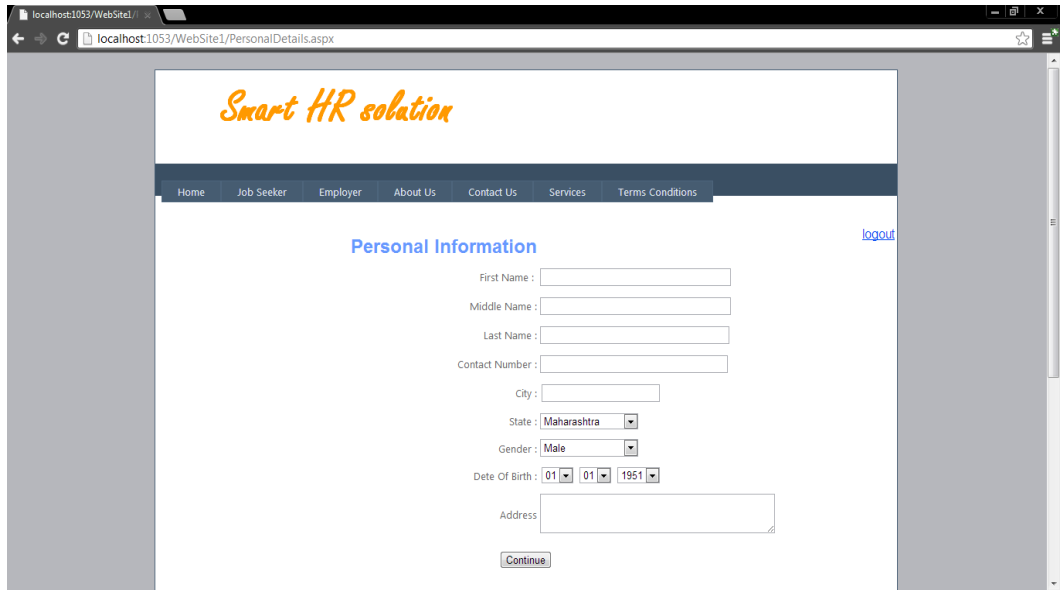
Confirm Password :

Security Question : Which is your first school?

Answer :

Type : Jobseeker

## Personal Information:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/PersonalDetails.aspx'. The website has a logo 'Smart HR solution' in orange script. A navigation menu includes 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area is titled 'Personal Information' and contains a form with the following fields:

- First Name :
- Middle Name :
- Last Name :
- Contact Number :
- City :
- State :
- Gender :
- Date Of Birth :
- Address :

A 'Continue' button is located at the bottom of the form. A 'logout' link is visible in the top right corner of the form area.



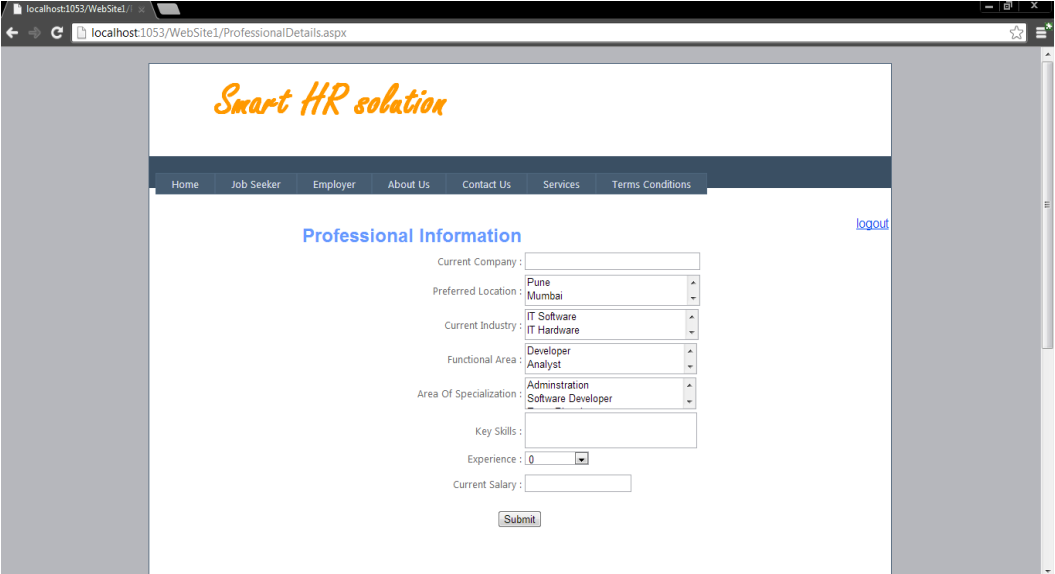
## Educational Information:-

The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/EducationalDetails.aspx'. The page has a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. A 'logout' link is located in the top right corner. The main content area is titled 'Educational Information' and contains the following form fields:

- SSC Marks :
- Year Of Passing : 2005
- HSC Marks :
- Year Of Passing : 2007
- Diploma : None
- Diploma Marks :
- Year Of Passing : 2001
- Graduation : Bachelor Of Computer Application
- Specialization : Computer
- University : Sant Gadge Baba Amravati University
- Graduation Marks :
- Year Of Passing : 2010
- Post Graduation : Master of Computer Application
- Specialization : Computer Application
- University : Pune University
- Post Graduation Marks :
- Year Of Passing : 2012
- Upload Resume :  No file chosen

At the bottom of the form, there is a  button.

## Professional Information:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/ProfessionalDetails.aspx'. The page features a logo 'Smart HR solution' in orange script. A dark blue navigation bar contains links for 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area is titled 'Professional Information' in blue, with a 'logout' link on the right. The form includes the following fields:

- Current Company:
- Preferred Location:
- Current Industry:
- Functional Area:
- Area Of Specialization:
- Key Skills:
- Experience:
- Current Salary:

A 'Submit' button is located at the bottom of the form.

## Search Job:-

localhost:1053/Website1/

localhost:1053/Website1/SearchJob.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Search Jobs** [logout](#)

Key Skill :

Designation :

Location :

Experience :

## Update Personal Information:-

localhost:1053/Website1/Updatepersonal.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Personal Information** [logout](#)

First Name :

Middle Name :

Last Name :

Contact Number :

City :

State :

Gender :

Date Of Birth :

Address

## Update Educational Information:-

The screenshot shows a web browser window with the URL `localhost:1053/Website1/Updateeducational.aspx`. The browser's address bar and navigation buttons are visible. The page has a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. A `logout` link is located in the top right corner. The main content area is titled "Educational Information" and contains the following form fields:

- SSC Marks :
- Year Of Passing : 2005
- HSC Marks :
- Year Of Passing : 2007
- Diploma : None
- Diploma Marks :
- Year Of Passing : 2001
- Graduation : Bachelor Of Computer Application
- Specialization : Computer
- University : Sant Gadge Baba Amravati University
- Graduation Marks :
- Year Of Passing : 2010
- Post Graduation : Master of Computer Application
- Specialization : Computer Application
- University : Pune University
- Post Graduation Marks :
- Year Of Passing : 2012
- Upload Resume :  No file chosen

At the bottom of the form is an `Update` button.

## Update Professional Information:-

The screenshot shows a web browser window with the URL `localhost:1053/Website1/Updateprofessional.aspx`. The page has a header with the logo "Smart HR solution" and a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. A "logout" link is visible in the top right. The main content area is titled "Professional Information" and contains the following form fields:

- Current Company:
- Preferred Location:  (dropdown menu with "Mumbai" as an option)
- Current Industry:  (dropdown menu with "IT Hardware" as an option)
- Functional Area:  (dropdown menu with "Analyst" as an option)
- Area Of Specialization:  (dropdown menu with "Software Developer" as an option)
- Key Skills:
- Experience:  (dropdown menu)
- Current Salary:

An "Update" button is located below the form fields.

## Job Provider Registration:-

localhost:1053/Website1/

localhost:1053/Website1/CandidateRegister.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

### Registration

User Name :

Email ID :

Password :

Confirm Password :

Security Question : Which is your first school?

Answer :

Type : Jobprovider

## Company Details:-

localhost:1053/Website1/CompanyDetails.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Company Details** [logout](#)

Company Name :

Industry : IT software

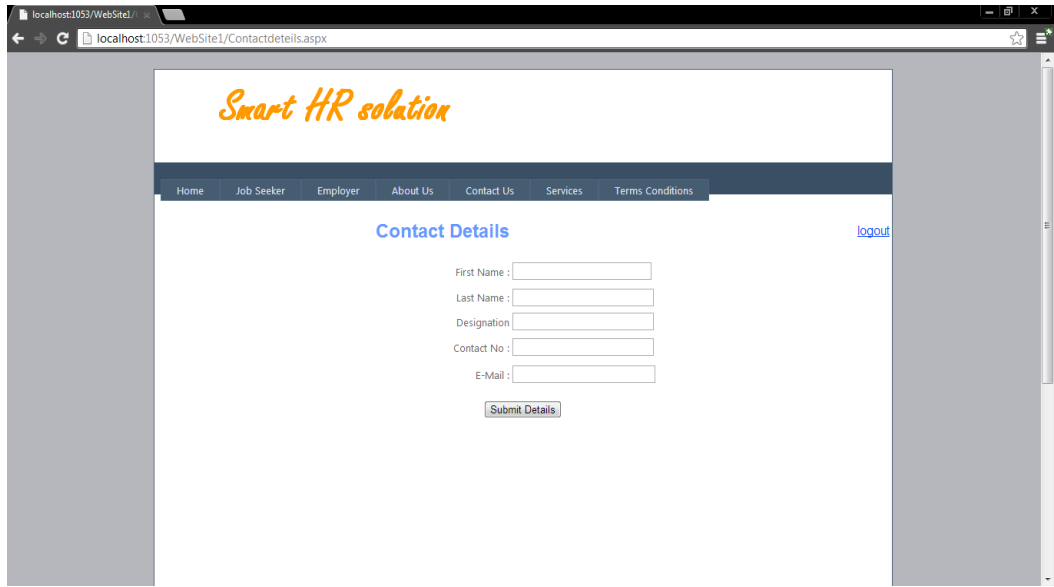
Company Description :

Location : Pune

Address :



## Contact Details:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/Contactdetails.aspx'. The website header features the logo 'Smart HR solution' in orange script. A dark blue navigation bar contains the following menu items: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled 'Contact Details' in blue, with a 'logout' link on the right. The form includes five input fields: 'First Name', 'Last Name', 'Designation', 'Contact No', and 'E-Mail'. A 'Submit Details' button is located below the fields.

Smart HR solution

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

Contact Details [logout](#)

First Name :

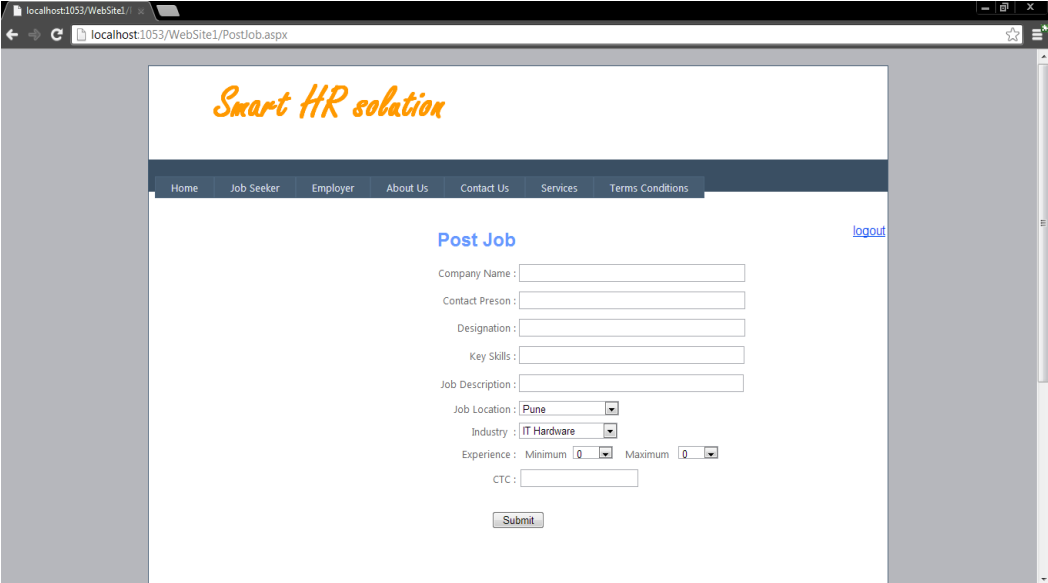
Last Name :

Designation :

Contact No :

E-Mail :

## Post Job:-

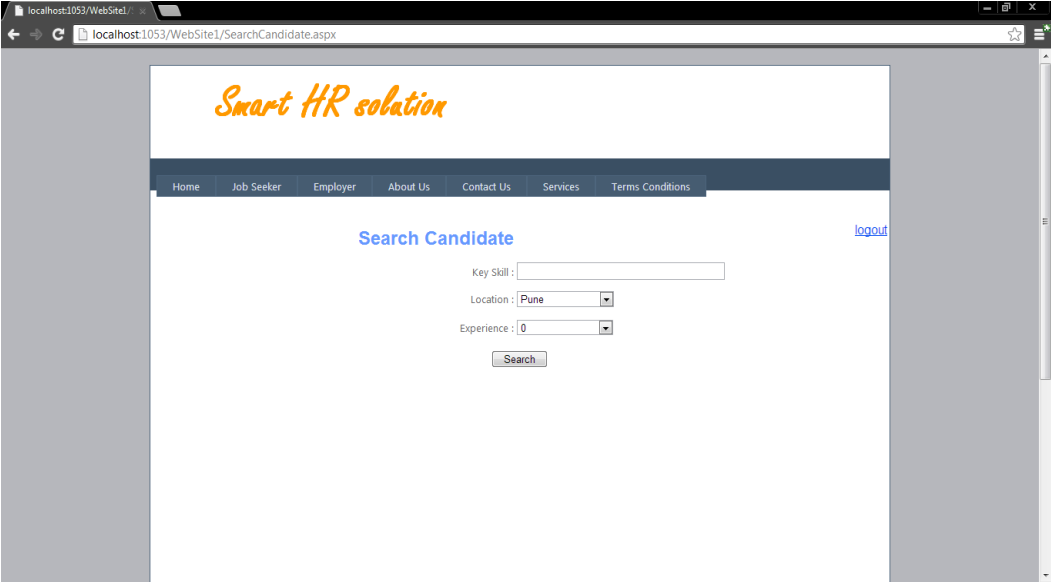


The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/PostJob.aspx'. The website has a logo 'Smart HR solution' in orange script. A dark blue navigation bar contains links for 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area is titled 'Post Job' in blue, with a 'logout' link on the right. The form includes the following fields:

- Company Name :
- Contact Person :
- Designation :
- Key Skills :
- Job Description :
- Job Location :
- Industry :
- Experience : Minimum  Maximum
- CTC :

A 'Submit' button is located at the bottom of the form.

## Search Candidate:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/SearchCandidate.aspx'. The website has a logo 'Smart HR solution' in orange script. A dark blue navigation bar contains links for 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area is titled 'Search Candidate' in blue, with a 'logout' link on the right. The search form includes a text input for 'Key Skill', a dropdown menu for 'Location' (set to 'Pune'), and a dropdown menu for 'Experience' (set to '0'). A 'Search' button is located below the form.

localhost:1053/WebSite1/SearchCandidate.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

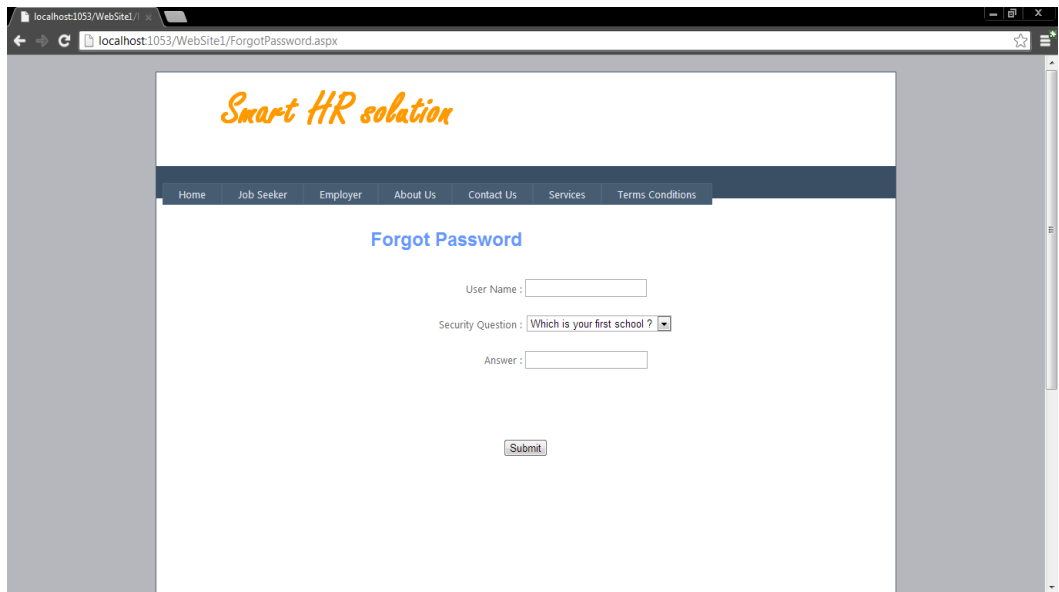
**Search Candidate** [logout](#)

Key Skill :

Location : Pune

Experience : 0

## Forgot Password:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/ForgotPassword.aspx'. The page features a logo 'Smart HR solution' in orange script at the top. Below the logo is a dark blue navigation bar with links for 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area is titled 'Forgot Password' in blue. The form includes three input fields: 'User Name' (text), 'Security Question' (dropdown menu with 'Which is your first school?' selected), and 'Answer' (text). A 'Submit' button is located at the bottom of the form.

localhost:1053/WebSite1/

localhost:1053/WebSite1/ForgotPassword.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Forgot Password**

User Name :

Security Question : Which is your first school ?

Answer :

### **3.13 Table specifications**

#### **1) Table Name: Login\_details**

Sr.No	Field Name	Data Type	Size	Constraints
1	User_ID	Int	5	Primary Key
2	User_name	Varchar	10	Not Null
3	Password	Varchar	20	Not Nulls

#### **2) Table Name: Register\_details**

Sr.No	Field Name	Data Type	Size	Constraints
1	User_name	Varchar	10	Primary Key
2	Email_ID	Varchar	20	Not Null
3	Password	Varchar	10	Not Null
4	Con_Password	Varchar	15	Not Null
5	Security_question	Varchar	30	
6	Answer	Varchar	20	
7	Type	Varchar	10	
8	User_ID	Int	5	Foreign Key

### 3) Table Name: Jobseeker\_personal\_details

Sr.No	Field Name	Data Type	Size	Constraints
1	Jobseeker_ID	Int	5	Primary Key
2	First_name	Varchar	15	Not Null
3	Middle_name	Varchar	15	
4	Last_name	Varchar	15	Not Null
5	Contact_number	Int	12	
6	City	Varchar	50	
7	State	Varchar	06	
8	Gender	Varchar	20	
9	Dateofbirth	Date/Time		
10	Address	Varchar	100	
11	User_ID	Int	5	Foreign Key

#### 4) Table Name: Jobseeker\_profesional\_details

Sr.No	Field Name	Data Type	Size	Constraints
1	Jobseeker_pro_ID	Int	5	Primary Key
2	Company_name	Varchar	20	Not Null
3	Location	Varchar	20	
4	Industry	Varchar	20	
5	Functional_area	Varchar	20	
6	Area_specalization	Varchar	20	
7	Key_skill	Varchar	20	Not Null
8	Experience	Int	3	
9	Salary	Float		
10	User_ID	Int	5	Foreign Key

### 5) Table Name: Jobseeker\_educational\_details

Sr.No	Field Name	Data Type	Size	Constraints
1	Jobseeker_edu_ID	Int	5	Primary Key
2	SSC_marks	Float		
3	SSC_year	Date/Time		
4	HSC_marks	Float		
5	HSC_year	Date/Time		
6	Diploma	Varchar	20	
7	Diploma_marks	Float		
8	Diploma_year	Date/Time		
9	Graduation	Varchar	30	
10	Grad_specialization	Varchar	30	
11	Grad_university	Varchar	30	
12	Grad_marks	Float		
13	Grad_year	Date/Time		
14	PG	Varchar	30	
15	PG_specialization	Varchar	30	
16	PG_university	Varchar	30	
17	PG_marks	Float		
18	PG_year	Date/Time		
19	Resume	Varchar	400	
20	User_ID	Int	5	Foreign Key



### 6) Table Name: Jobprovider\_details

Sr.No	Field Name	Data Type	Size	Constraints
1	Jobprovider_ID	Int	5	Primary Key
2	Company_name	Varchar	40	Not Null
3	Industry	Varchar	30	
4	Description	Varchar	40	
5	Location	Varchar	20	Not Null
6	Address	Varchar	100	
7	User_ID	Int	5	Foreign Key

### 7) Table Name: Jobprovider\_contact\_details

Sr.No	Field Name	Data Type	Size	Constraints
1	JP_contact_ID	Int	5	Primary key
2	Contactperson_fname	Varchar	15	Not Null
3	Contactperson_lname	Varchar	15	
4	Contactperson_designation	Varchar	20	
5	Contactperson_number	Int	12	
6	Contactperson_email	Varchar	20	Not Null
7	User_ID	Int	5	Foreign Key

**8) Table Name: Applied\_candidate\_details**

Sr.No	Field Name	Data Type	Size	Constraints
1	Jobseeker_ID	Int	5	Primary Key
2	Jobprovider_ID	Int	5	Foreign Key
3	Job_ID	Int	5	Foreign Key
4	User_ID	Int	5	Foreign Key

**9) Table Name: Job\_details**

Sr.No	Field Name	Data Type	Size	Constraints
1	Job_ID	Int	5	Primary Key
2	Designation	Varchar	20	Not Null
3	Job_skill	Varchar	20	Not Null
4	Qualification	Varchar	20	
5	Job_experience	Int	5	
6	Salary	Float		
7	Job_location	Varchar	15	Not Null
8	User_ID	Int	5	Foreign Key

### **3.14 Test Procedures and Implementation**

The testing is one of the important steps to be carried out to ensure the successful implementation of system. The basic idea to carried out testing is to ensure error free program execution.

Therefore most useful and practical approach is to execute a program with an explicit intention of finding errors. The system is rigorously tested. Initially data is prepared according to validation of database table to check prior working of the system.

Testing involves operation of a system or application under controlled conditions and evaluating the results. The controlled conditions should include both normal and abnormal conditions. Testing should intentionally attempt to make things go wrong to determine if things happen when they shouldn't or things don't happen when they should. It is oriented to 'detection'.

In an organizations responsibility of testing of system mainly depends on Quality Analyst and Tester. Project Teams

that include a mix of testers and developers who work closely together, with overall processes monitored by project managers.

### **Unit Testing:-**

At a start of every new stage of programming test data is inputted into every module previously completed and it is tested independently.

The step taken is:-

1. Compilation of from and debugging and correction of errors.
2. After the clean compilation of the program, test data is used for the testing of the program. This reveals the logical error's in program.
3. These logical errors are reported to programmers and this process is reported till the program execute smoothly.

## **Integration Testing:-**

Here the dependents program are tested according to required output the step taken are

1. After completion of unit testing, then integration testing will be carried out.
2. Here process gets distributed as

Find logical error's to transformation of data from one program to other program and reporting that error's to programmer.

## **System Testing:-**

Under this testing procedure the system will be tested as a whole and not in terms of the individual program testing.

This procedure will test the integrity of data while it transfers from one process to another. That is test the integration of each module of the system.

It also tests to find discrepancies between the proposed system and its original objectives, current specification's and system document's.

The step taken is:

System testing is done after the successful completion of integration testing.

Such testing is test data against required output to end user (client). The logical errors that find during testing are mark and reported to programmer and this process is repeated till the whole system execute or work smoothly.

### **Validation Testing:-**

At the end of integration testing, software is completely assembled as a package, interfacing errors have been uncovered and correction testing begins.

Software testing and validation is achieved through series of Black Box tests that demonstrate conformity with the requirements.

### **Performance Testing:-**

Performance testing is designed to test run-time performance of application within context of an integrated system. Proper response time for user actions is critical to maintaining and enhancing user base.

## Test Cases

### Test Cases for Login:

Preconditions: Run the Program in to the web browser. Home page must be displayed. Go to Login Menu, Login page must be displayed.

### **Negative Test Cases**

Test No.	Description	Test Input	Expected Results	Actual Results	Pass/fail
1	Username should not be NULL.	Username =NULL	Input should not be accepted. Display message Please enter the Username.	Enter the username	Pass
2	Password Should not be NULL	Password= Null	Enter valid password	Enter the valid password	Pass



## Positive Test Cases

Test No.	Description	Test Input	Expected Results	Actual Results	Pass/fail
1	Username should not be NULL.	Username =Rahul	Input should be accepted.	Input accepted.	Pass
2	Password Should not be NULL	Password = *****	Input should be accepted.	Input accepted.	Pass

## Test Cases for Jobseeker Registration

Preconditions: Run the program in to the web browser. Home page must be displayed. Go to register menu.

## Negative Test Cases

Test No.	Description	Test Input	Expected Results	Actual Results	Pass/fail
1	Jobseeker First Name should contain alphabet and should not be NULL.	Firstname = NULL	Enter the valid name.	Enter the valid name.	Pass
2	Address Should not be NULL	Address= NULL	Enter the Address.	Enter the Address	Pass
3	Phone no. should contain only number.	Phone no. = 996054*4-4	Enter the valid phone no.	Enter the valid phone no.	Pass
4	Email ID must contain . and @	Email ID= rahulsalve	Enter valid Email ID	Enter valid Email ID	Pass
5	Experience should Not be NULL	Experience= NULL	Enter valid Experience	Enter valid Experience	Pass

## Positive Test Cases

Test No.	Description	Test Input	Expected Results	Actual Results	Pass/fail
1	Jobseeker First Name should Contain alphabet and should not be NULL.	First Name=Rahul	Input should be accepted.	Input accepted.	Pass
2	Address Should not be NULL	Address=Kothrud, Pune.	Input should be accepted.	Input accepted.	Pass
3	Phone no. should contain only number.	Phone no. = 9960541464	Input should be accepted.	Input accepted.	Pass
4	Email ID must contain. and @	Email ID=rahulsalve@gmail.com	Input should be accepted.	Input accepted.	Pass
5	Experience should Not be NULL	Experience=2	Input should be accepted.	Input accepted.	Pass

## Test Cases for Job Provider Registration

Preconditions: Run the program in to the web browser. Home page must be displayed. Go to register menu.

### Negative Test Cases

Test No.	Description	Test Input	Expected Results	Actual Results	Pass/fail
1	Job Provider Name should contain alphabet and should not be NULL.	Company name= NULL	Enter the valid name.	Enter the valid name.	Pass
2	Address Should not be NULL	Address= NULL	Enter the Address.	Enter the Address	Pass
3	Phone no. should contain only number.	Phone no. = 996054*4-4	Enter the valid phone no.	Enter the valid phone no.	Pass
4	Email ID must contain . and @	Email ID= rahulsalve	Enter valid Email ID	Enter valid Email ID	Pass
5	User ID should Be auto	User ID= NULL	Enter valid User ID.	Enter valid User ID.	Pass

## Positive Test Cases

Test No.	Description	Test Input	Expected Results	Actual Results	Pass/fail
1	Job Provider Name should contain alphabet and should not be NULL.	Company name= Bitwise	Input should be accepted.	Input accepted.	Pass
2	Address Should not be NULL	Address= Kothrud, Pune.	Input should be accepted.	Input accepted.	Pass
3	Phone no. should contain only number.	Phone no. = 9960541464	Input should be accepted.	Input accepted.	Pass
4	Email ID must contain. and @	Email ID= hr@Betwise.com	Input should be accepted.	Input accepted.	Pass
5	User ID should Be auto generated	User ID= 12	Input	Input	Pass

## **Implementation**

After successful result of testing the system is implemented

The implementation procedure as follows

### **1) Conversion:-**

Conversion is process of computerizing the old manual system. Here the pilot approach is employed.

### **Pilot Approach:**

In this historical data will be feed in as test data and output will be tested against historical reports.

In case of any problem, the appropriate changes will be made and then system will again put for pilot run.

### **Parallel Run:**

After giving satisfactory results from pilot run, parallel run will be carried out. In this both exists and new system will run parallel for a specific duration of time. The existing system will run its traditional procedure. Results given by both systems will be analyzed.

Any changes if necessary will be made accordingly and on satisfactory results the change over phase will takes place.

## **2) Training:-**

The users are only aware of basic system (Microsoft Excel), so they will be give shot course in basic operations of system to make them familiar with application so that,user can analyze system thoroughly.

## **3) Maintenance:-**

As system will be installed it will be continuously analyzed and maintained. Any problem that occurs in the system is corrected instantly.

Some personnel will be trained to manage to small errors if any that may occur in the system in future, they are called as system persistence.



## **4.1 USER MANUAL**

User manual is document provided for the user to see how computerized system works actually. It describes everything about how the system can be used i.e. how data is to be entered in to the controls.

The whole project in accordance to the operation is described as under:

### **Login Page:**

This page consists of username and password. The user must enter provided username and password in the respective places and click on Login button if the information is valid then the user will be logged in to the system.

If login failed due to wrong password then same page i.e. Login page is forwarded to user. Then again he/she can login in to system.

### **Jobseeker Registration Form:**

This form contains different controls to enter the information for jobseeker.

First when the screen is displayed to the user all the controls will be empty. When jobseekers enter data in these controls then this information is stored in the database. If jobseekers want to make changes then he/she can do that.

### **Job Provider Registration Form:**

This form contains different controls to enter the information for company.

First when the screen is displayed to the user all the controls will be empty. When company enters data in these controls then this information is stored in the database. If job provider wants to make changes then he can do that.

### **Jobseeker Search Form:**

This form contains controls which are helpful for job provider to search desired jobseeker. It contains fields like Key Skills. If Key Skills is entered in this control & click on search then system will give the search result according to the entered Key Skills.

### **Job Search Form:**

This form contains controls which are helpful for jobseeker to search job. It contains field like key skill. If key skill is entered in this control & click on search then system will give the list of job available for the key skill.

## **4.2 Operational Manual**

The system has different links that are useful for the user to navigate easily between required forms provided for user. The way of navigation is explained below along with operations. On the menu bar user can see various links option which are provided by the system for the user to get the desired functioning to be performed.

### **1. Update Profile:**

Here the jobseeker can change the profile such as personal details, educational details or professional details.

### **2. Search Job:**

Here the jobseeker can search the job available for different key skill or technology.

Following are the links which are available for job provider:

**1. Post job:**

Using this option job provider can post the job available in their company.

**2. Search jobseeker:**

Using this option job provider can search the jobseeker.

## **4.3 Program Specification**

### **1. User Registration**

Module	User Registration Module	
Program Name	Add User	
Purpose	Add User Details	
Events	SubmitButtonOnClick	
Input	Constraint	Description
User Details	The required fields should not be null.	User Details gets Stored.
Output	The user details are stored in the Registration table and user gets an acknowledgement message of the record added.	

## 2. Post Educational Details

Module	Post Educational Details Module	
Program Name	Add Educational Details	
Purpose	Add Educational Details of jobseeker	
Events	SubmitButtonOnClick	
Input	Constraint	Description
Educational Details	The required fields should not be null.	Educational Details gets Stored
Output	The Educational Details are stored in the Educational Details table and user gets an acknowledgement message of the record added.	

### 3. Post Personal Details

Module	Post Personal Details Module	
Program Name	Add Personal Details	
Purpose	Add Personal Details of jobseeker	
Events	SubmitButtonOnClick	
Input	Constraint	Description
Personal Details	The required fields should not be null.	Personal Details gets Stored
Output	The Personal Details are stored in the Personal Details table and user gets an acknowledgement message of the record added.	



#### 4. Post Professional Details

Module	Post Professional Details Module	
Program Name	Add Professional Details	
Purpose	Add Professional Details of jobseeker	
Events	SubmitButtonOnClick	
Input	Constraint	Description
Professional Details	The required fields should not be null.	Professional Details gets Stored
Output	The Professional Details are stored in the Professional Details table and user gets an acknowledgement message of the record added.	

## 5. Post Job

Module	Post Job Module	
Program Name	Add Jobs	
Purpose	Add Job Details	
Events	SubmitButtonOnClick	
Input	Constraint	Description
Post Job Details	The required fields should not be null.	Post Job Details gets Stored
Output	The Job Details are stored in the Job Details table and user gets an acknowledgement message of the record added.	

## **Drawbacks and Limitations**

No system can be an ideal system as it is developed by sharing ideas of limited people, with limited resources and within the limited time schedule. The topics which are not covered in this system are:-

1. The transaction between job provider & the admin about the payment is manual which can be implemented as online.
2. There is no option for credit card or debit card at any terminal.
3. There is no automatic job deletion after particular time of job closing date in database. The system totally depends on admin response.

## **Proposed Enhancements**

1. The future enhancements in this system will cover the online payment option for job provider registration.
2. Job provider account can be verified online & information of the job provider likes account details can be stored in the database with card number.

## **Conclusion**

The objective of this project is to provide different job search facilities to jobseeker and they can also apply for job. This project also focuses on posting the job by the job provider.

Another objective of this project is to provide user friendly interface for better navigation through the system.

The conclusion are derived as follows

- 1) The standard format and uniform look and feel is maintained throughout the system.
- 2) Tedious paper work is removed from process of storing jobseeker details and job provider details as all process is online.
- 3) Due to online process, required human effort is reduced.
- 4) The quality of process is improved and become more transparent and less error prone.

## **Bibliography**

## **Bibliography**

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2. Wrox Pro-ASP.NET
3. Software engineering by Pressman
4. Database system concepts by Korth Silberschetez
5. Complete ASP.NET - BPB Publication

### **Websites:**

1. [Http://www.asp.net.com](http://www.asp.net.com)
2. [Http://www.asp.net/ajax.com](http://www.asp.net/ajax.com)
3. [Http://www.google.com](http://www.google.com)

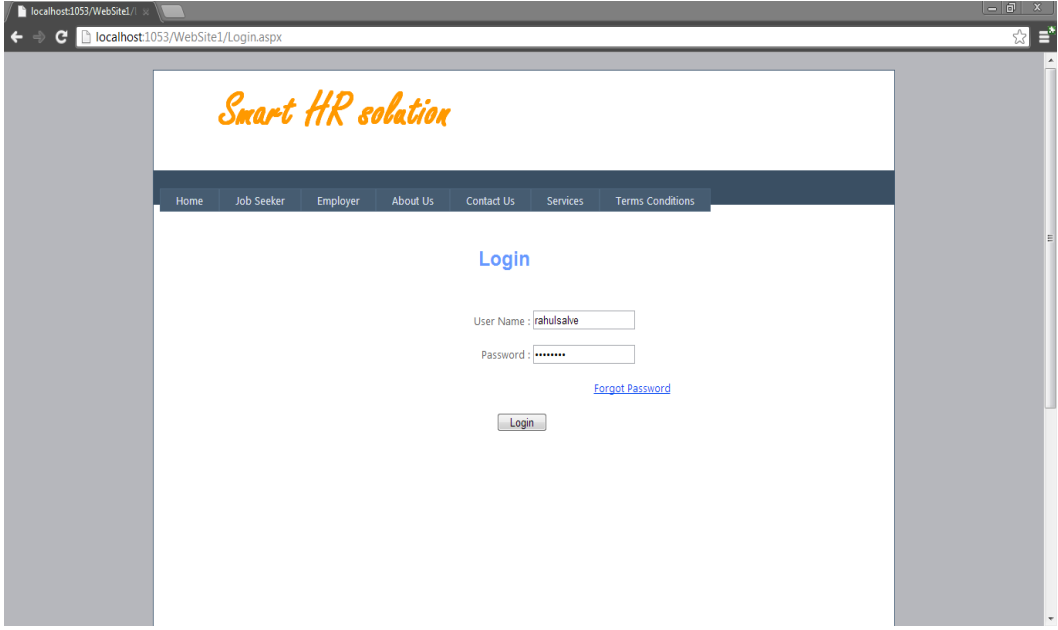
## **ANNEXURES**



# ANNEXURE 1

## User Interface Screens

### **Login Form:-**



The screenshot displays a web browser window with the address bar showing 'localhost:1053/Website1/Login.aspx'. The page features a header with the logo 'Smart HR solution' in orange script. Below the logo is a dark blue navigation bar with links for 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area is titled 'Login' in blue. It contains a 'User Name' field with the text 'rahulsalve', a 'Password' field with masked characters, a 'Forgot Password' link, and a 'Login' button.

localhost:1053/Website1/

localhost:1053/Website1/Login.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

Login

User Name : rahulsalve

Password : .....

[Forgot Password](#)

Login

## Job Seeker Registration:-

localhost:1053/WebSite1/CandidateRegister.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

### Registration

User Name :

Email ID :

Password :

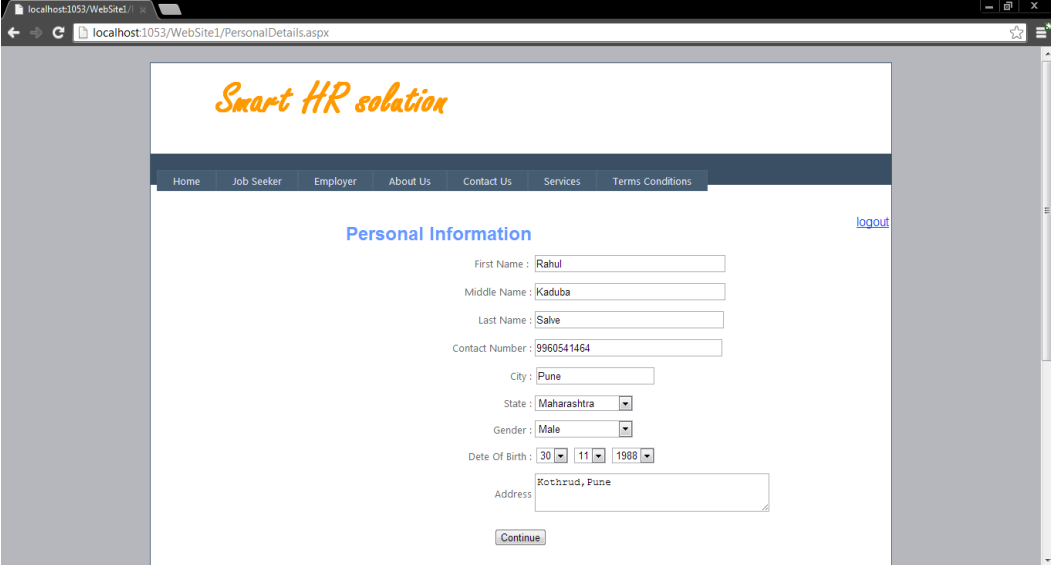
Confirm Password :

Security Question :

Answer :

Type :

## Personal Information:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/PersonalDetails.aspx'. The website header features the logo 'Smart HR solution' in orange script. A dark blue navigation bar contains the following menu items: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled 'Personal Information' in blue text, with a 'logout' link on the right. The form contains the following fields and values:

- First Name:
- Middle Name:
- Last Name:
- Contact Number:
- City:
- State:
- Gender:
- Date Of Birth:
- Address:

A 'Continue' button is located at the bottom of the form.

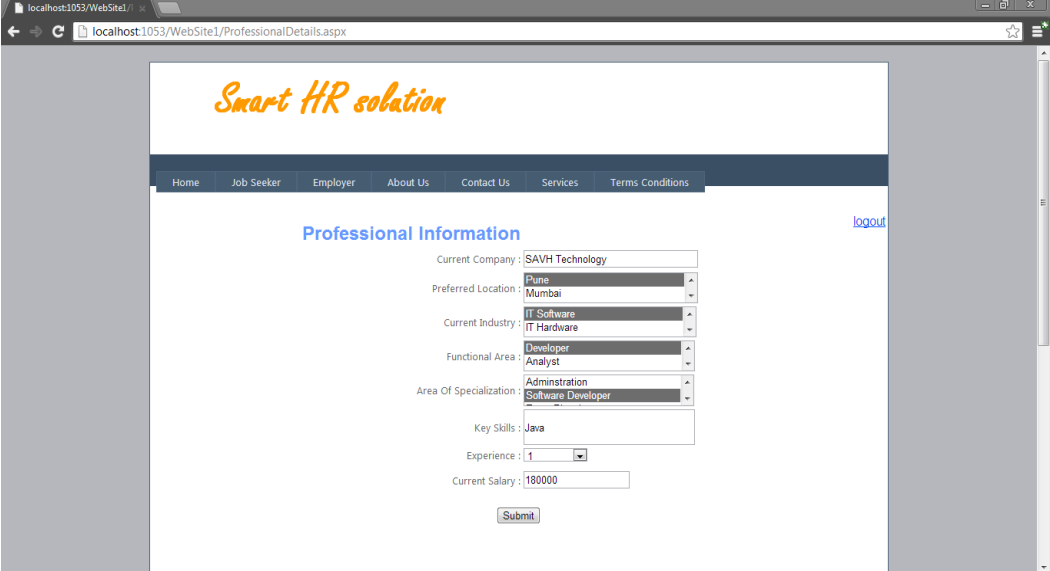
## Educational Information:-

The screenshot shows a web browser window with the URL `localhost:1053/WebSite1/EducationalDetails.aspx`. The page has a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. A `logout` link is located in the top right corner. The main content area is titled "Educational Information" and contains the following form fields:

- SSC Marks :
- Year Of Passing :
- HSC Marks :
- Year Of Passing :
- Diploma :
- Diploma Marks :
- Year Of Passing :
- Graduation :
- Specialization :
- University :
- Graduation Marks :
- Year Of Passing :
- Post Graduation :
- Specialization :
- University :
- Post Graduation Marks :
- Year Of Passing :
- Upload Resume :  Resume.docx

At the bottom of the form is a `Continue` button.

## Professional Information:-

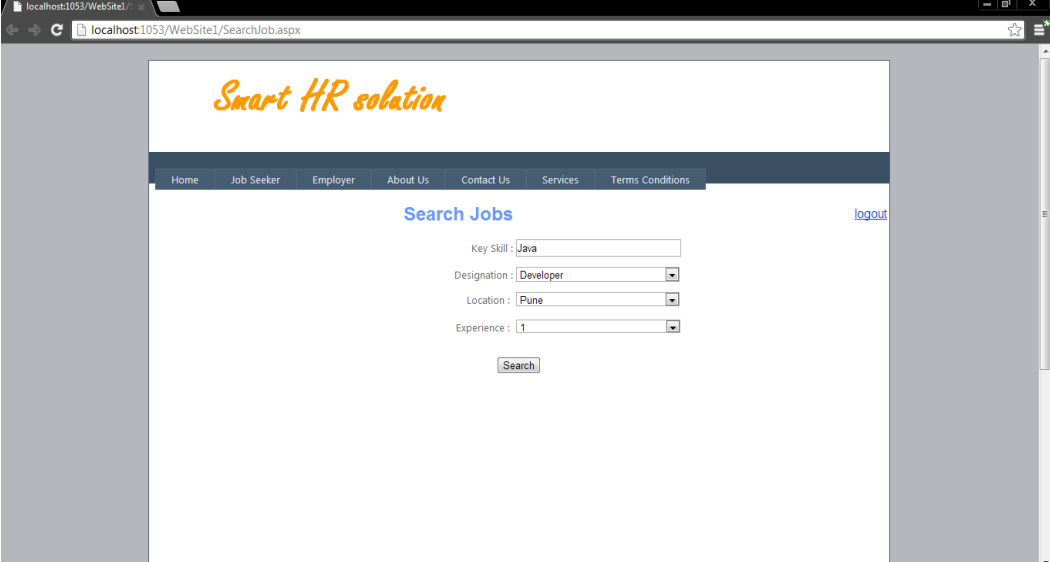


The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/ProfessionalDetails.aspx'. The website has a header with the logo 'Smart HR solution' in orange script. Below the logo is a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled 'Professional Information' in blue, with a 'logout' link on the right. The form contains the following fields:

- Current Company: SAVH Technology
- Preferred Location: Pune (dropdown menu)
- Current Industry: IT Software (dropdown menu)
- Functional Area: Developer (dropdown menu)
- Area Of Specialization: Administration (dropdown menu)
- Key Skills: Java
- Experience: 1 (dropdown menu)
- Current Salary: 180000

A 'Submit' button is located at the bottom of the form.

## Search Job:-



localhost:1053/Website1/

localhost:1053/Website1/SearchJob.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Search Jobs** [logout](#)

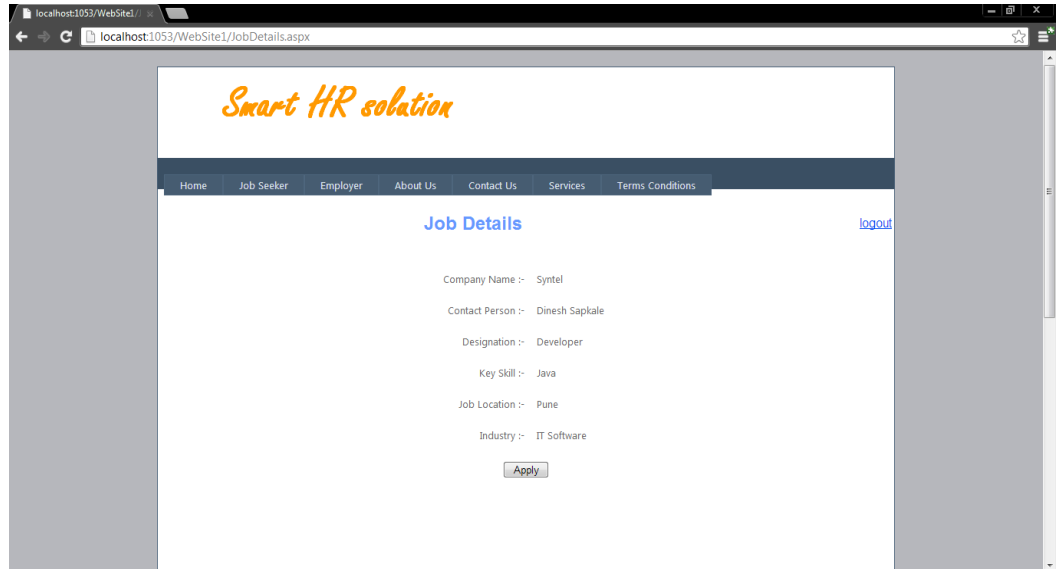
Key Skill :

Designation :

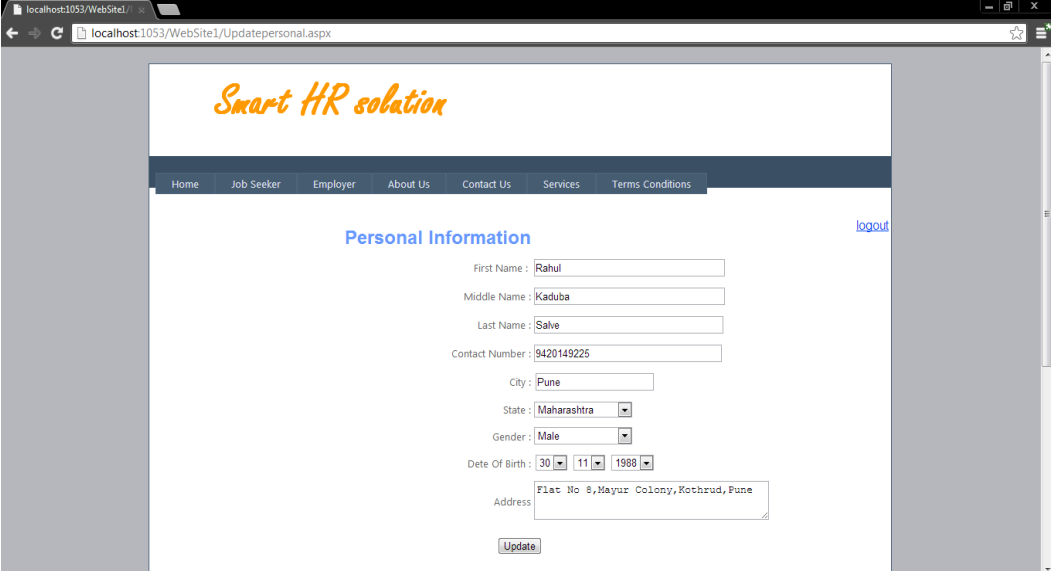
Location :

Experience :

## Apply for Job:-



## Update Personal Information:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/Updatepersonal.aspx'. The website has a header with the logo 'Smart HR solution' in orange script. Below the logo is a dark blue navigation bar with links for Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled 'Personal Information' in blue, with a 'logout' link on the right. The form contains the following fields:

- First Name:
- Middle Name:
- Last Name:
- Contact Number:
- City:
- State:
- Gender:
- Date Of Birth:
- Address:

An 'Update' button is located at the bottom of the form.



## Update Educational Information:-

The screenshot shows a web browser window with the URL `localhost:1053/WebSite1/Updateeducational.aspx`. The page has a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. A `logout` link is located in the top right corner. The main content area is titled "Educational Information" and contains the following form fields:

- SSC Marks:
- Year Of Passing:
- HSC Marks:
- Year Of Passing:
- Diploma:
- Diploma Marks:
- Year Of Passing:
- Graduation:
- Specialization:
- University:
- Graduation Marks:
- Year Of Passing:
- Post Graduation:
- Specialization:
- University:
- Post Graduation Marks:
- Year Of Passing:
- Upload Resume:  CV.docx

An `Update` button is located at the bottom of the form.

## Update Professional Information:-

localhost:1053/WebSite1/Updateprofessional.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Professional Information** [logout](#)

Current Company: SAVH Technology

Preferred Location: Pune

Current Industry: IT Software

Functional Area: Developer

Area Of Specialization: Administration

Key Skills: Java

Experience: 2

Current Salary: 240000

## Job Provider Registration:-

localhost:1053/WebSite1/CandidateRegister.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

### Registration

User Name :

Email ID :

Password :

Confirm Password :

Security Question :

Answer :

Type :

## Company Details:-

localhost:1053/WebSite1/CompanyDetails.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

**Company Details** [logout](#)

Company Name : SAVH Technology

Industry : IT software

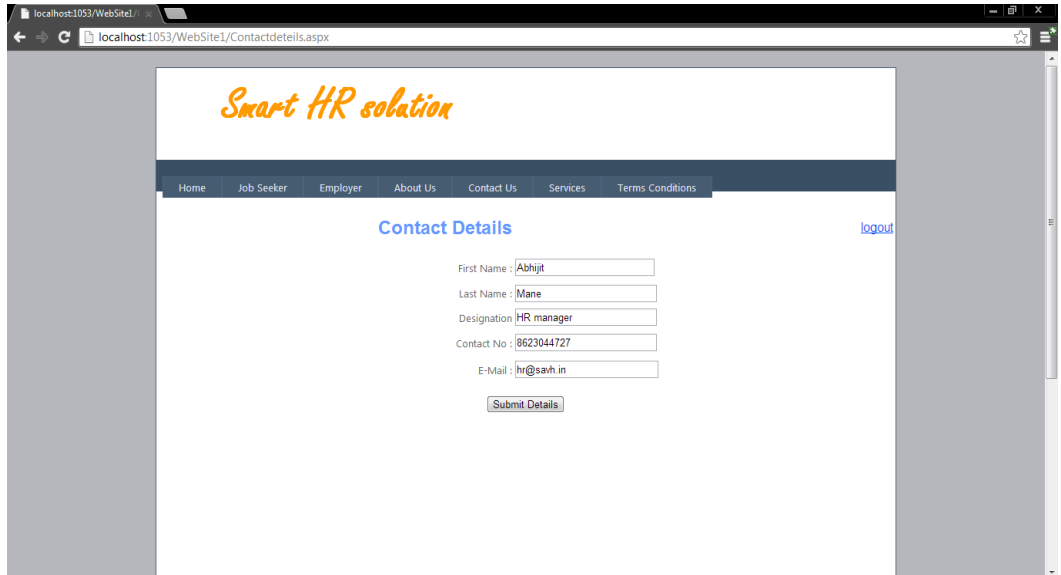
Company Description : SAVH Technology is a software development & web development company.

Location : Pune

Address : Wazje, Pune

Submit

## Contact Details:-

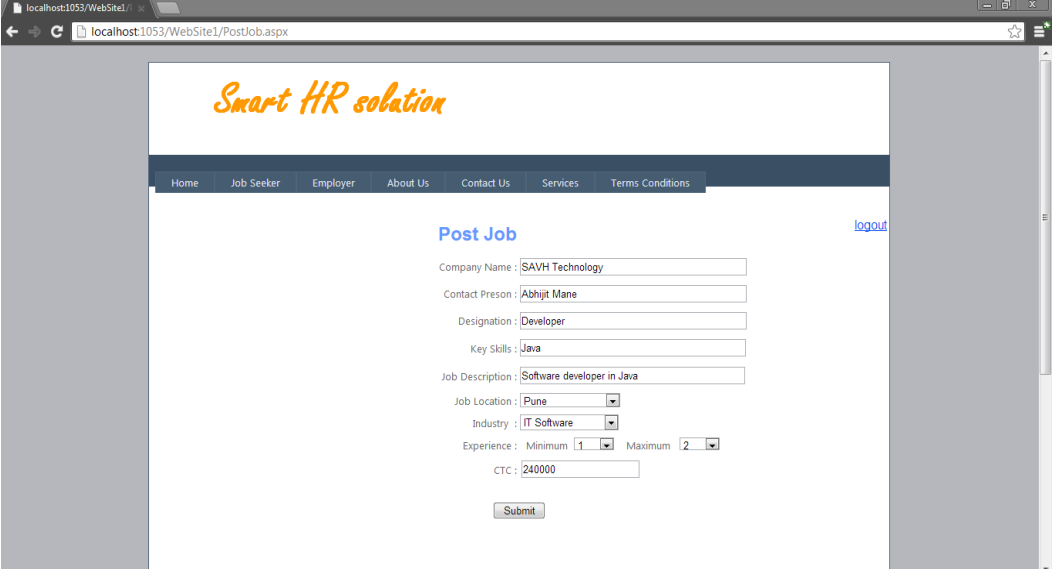


The screenshot shows a web browser window with the address bar displaying "localhost:1053/WebSite1/Contactdeteils.aspx". The website header features the logo "Smart HR solution" in orange script. A dark blue navigation bar contains links for Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled "Contact Details" in blue, with a "logout" link on the right. The form contains the following fields and values:

First Name :	<input type="text" value="Abhijit"/>
Last Name :	<input type="text" value="Mane"/>
Designation :	<input type="text" value="HR manager"/>
Contact No :	<input type="text" value="8623044727"/>
E-Mail :	<input type="text" value="hr@sah.in"/>

Below the form is a "Submit Details" button.

## Post Job:-



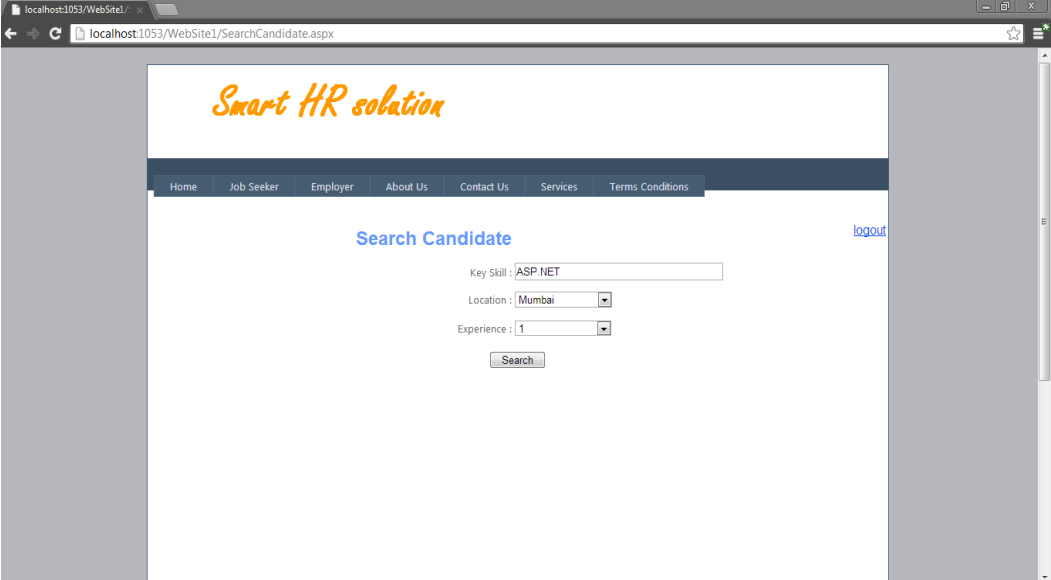
The screenshot shows a web browser window with the URL `localhost:1053/WebSite1/PostJob.aspx`. The page features a header with the logo "Smart HR solution" and a navigation menu with links for Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. A "logout" link is also present in the top right corner.

The main content area is titled "Post Job" and contains a form with the following fields:

- Company Name : SAVH Technology
- Contact Preson : Abhijit Mane
- Designation : Developer
- Key Skills : Java
- Job Description : Software developer in Java
- Job Location : Pune (dropdown menu)
- Industry : IT Software (dropdown menu)
- Experience : Minimum 1 (dropdown menu) Maximum 2 (dropdown menu)
- CTC : 240000

A "Submit" button is located at the bottom of the form.

## Search Candidate:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/SearchCandidate.aspx'. The website has a logo 'Smart HR solution' in orange script. A dark blue navigation bar contains links for 'Home', 'Job Seeker', 'Employer', 'About Us', 'Contact Us', 'Services', and 'Terms Conditions'. The main content area features the title 'Search Candidate' in blue, with a 'logout' link on the right. The search form includes three fields: 'Key Skill' with the text 'ASP.NET', 'Location' with a dropdown menu showing 'Mumbai', and 'Experience' with a dropdown menu showing '1'. A 'Search' button is positioned below these fields.

localhost:1053/WebSite1/SearchCandidate.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

Search Candidate [logout](#)

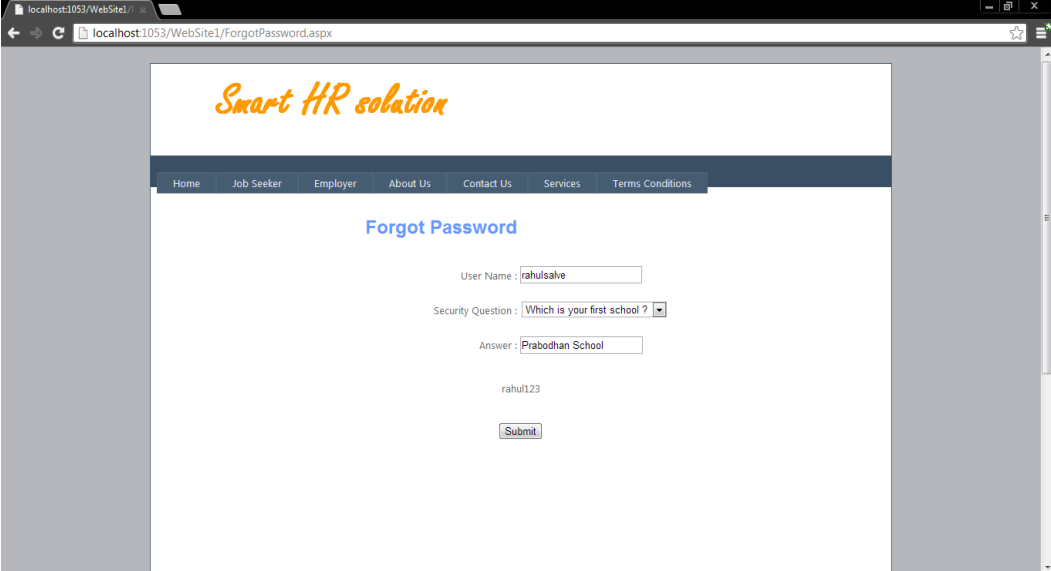
Key Skill : ASP.NET

Location : Mumbai

Experience : 1

Search

## Forgot Password:-



The screenshot shows a web browser window with the address bar displaying 'localhost:1053/WebSite1/ForgotPassword.aspx'. The website has a logo 'Smart HR solution' in orange script. A dark blue navigation bar contains links for Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. The main content area is titled 'Forgot Password' in blue. The form includes the following fields and elements:

- User Name :
- Security Question :
- Answer :
- Current Password :
-



**ANNEXURE: 2**

**Output Reports with Data**

## Job Search :-

localhost:1053/Website1/SearchJob.aspx

### Smart HR solution

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

#### Search Jobs [logout](#)

Key Skill :

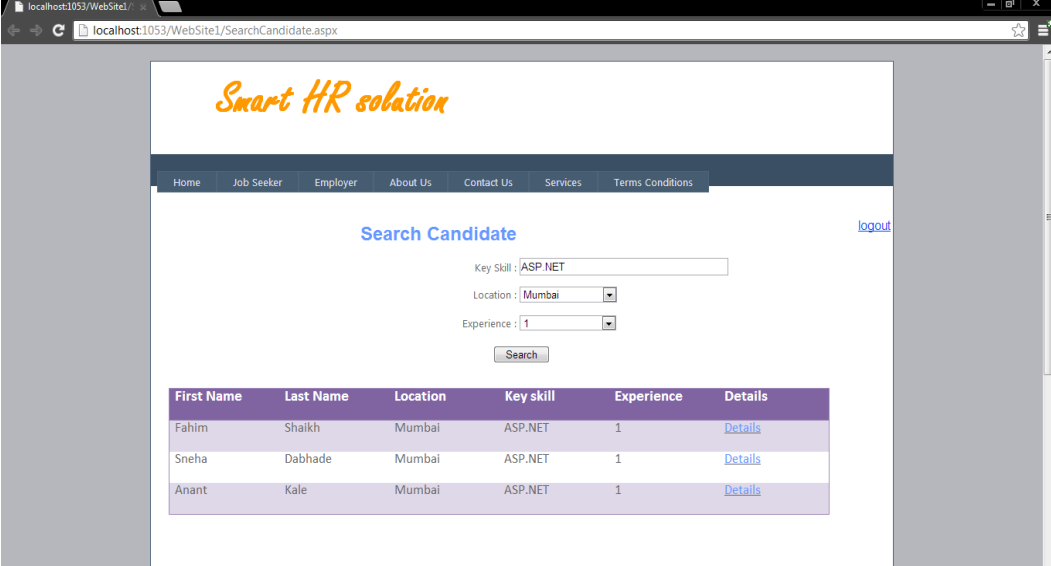
Designation :

Location :

Experience :

Company Name	Location	Key skill	Designation	Experience	Details
Syntel	Pune	Java	Developer	1	<a href="#">Details</a>
Infosys	Pune	Java	Developer	1	<a href="#">Details</a>
Isynergy	Pune	Java	Developer	1	<a href="#">Details</a>

## Candidate Search :-



localhost:1053/Website1/SearchCandidate.aspx

*Smart HR solution*

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

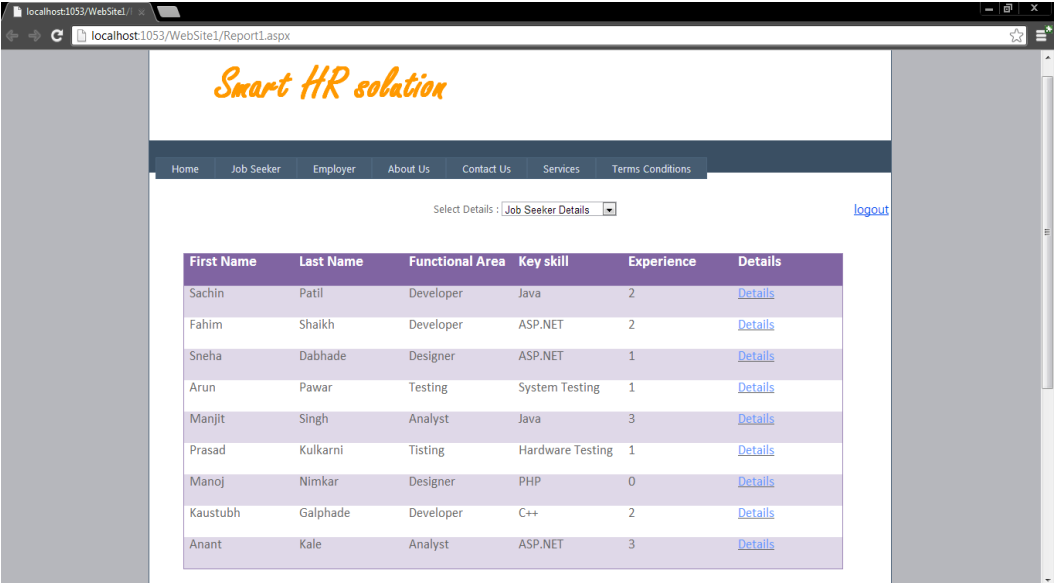
**Search Candidate** [logout](#)

Key Skill : ASP.NET  
Location : Mumbai  
Experience : 1

First Name	Last Name	Location	Key skill	Experience	Details
Fahim	Shaikh	Mumbai	ASP.NET	1	<a href="#">Details</a>
Sneha	Dabhade	Mumbai	ASP.NET	1	<a href="#">Details</a>
Anant	Kale	Mumbai	ASP.NET	1	<a href="#">Details</a>

# Reports For Admin

## Job Seeker Details:-



localhost:1053/WebSite1/Report1.aspx

Smart HR solution

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

Select Details : Job Seeker Details [logout](#)

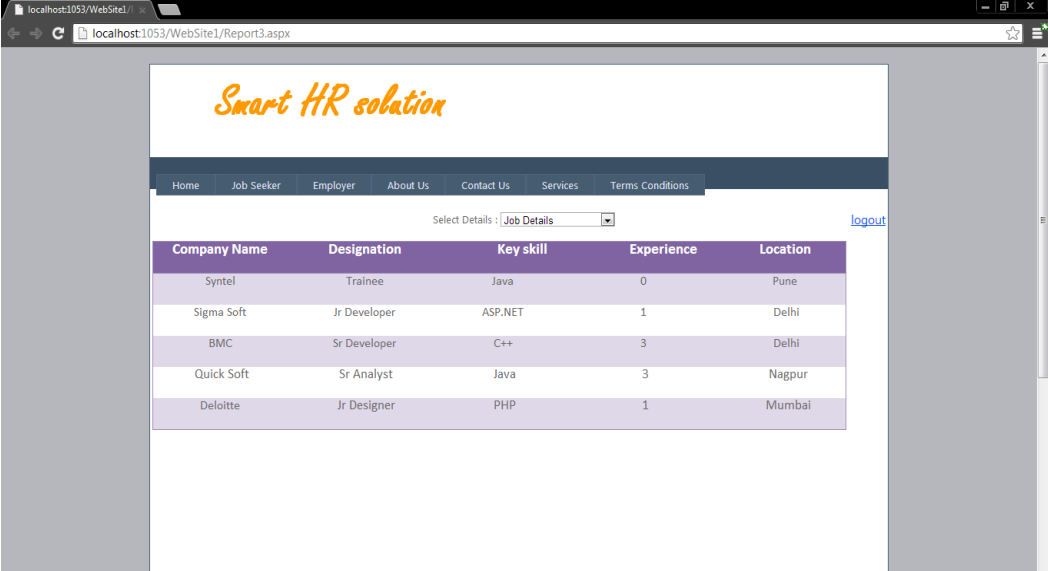
First Name	Last Name	Functional Area	Key skill	Experience	Details
Sachin	Patil	Developer	Java	2	<a href="#">Details</a>
Fahim	Shaikh	Developer	ASP.NET	2	<a href="#">Details</a>
Sneha	Dabhade	Designer	ASP.NET	1	<a href="#">Details</a>
Arun	Pawar	Testing	System Testing	1	<a href="#">Details</a>
Manjit	Singh	Analyst	Java	3	<a href="#">Details</a>
Prasad	Kulkarni	Tisting	Hardware Testing	1	<a href="#">Details</a>
Manoj	Nimkar	Designer	PHP	0	<a href="#">Details</a>
Kaustubh	Galphade	Developer	C++	2	<a href="#">Details</a>
Anant	Kale	Analyst	ASP.NET	3	<a href="#">Details</a>

## Job Provider Details:-

The screenshot shows a web browser window with the URL `localhost:1053/Website1/Report2.aspx`. The page has a header with the logo *Smart HR solution* and a navigation menu with links: Home, Job Seeker, Employer, About Us, Contact Us, Services, and Terms Conditions. Below the navigation, there is a dropdown menu labeled "Select Details : Job Provider Details" and a [logout](#) link. The main content area displays a table with the following data:

Company Name	Email	Contact Number	Company Location	Details
Syntel	amol@syntel.in	9025456875	Pune	<a href="#">Details</a>
BMC	hr@bmc.com	8462854835	Delhi	<a href="#">Details</a>
Isynergy	kale@isynergy.in	9860241586	Pune	<a href="#">Details</a>
Quick Soft	hr@quicksoft.com	9960479835	Nagpur	<a href="#">Details</a>
Deloitte	hr@deloitte.in	9752456788	Mumbai	<a href="#">Details</a>
Sigma Soft	varun@sigmasoft.in	9547838566	Delhi	<a href="#">Details</a>
Infosys	hr@infosys.com	9960748565	Pune	<a href="#">Details</a>

## Job Details:-



Smart HR solution

Home Job Seeker Employer About Us Contact Us Services Terms Conditions

Select Details : Job Details [logout](#)

Company Name	Designation	Key skill	Experience	Location
Syntel	Trainee	Java	0	Pune
Sigma Soft	Jr Developer	ASP.NET	1	Delhi
BMC	Sr Developer	C++	3	Delhi
Quick Soft	Sr Analyst	Java	3	Nagpur
Deloitte	Jr Designer	PHP	1	Mumbai

**ANNEXURE 3 : Sample Code**

## Login:

```
using System;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

public partial class Login : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\smarthrsolut
ion.mdf;Integrated Security=True;User Instance=True");
    DataSet userdataset = new DataSet();
    SqlDataAdapter adapter = new SqlDataAdapter();
    SqlCommand command = new SqlCommand();
    int usercount = new int();

    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void Button_Click(object sender, EventArgs e)
    {
        command.CommandText=("select * from Login_details WHERE
User_name='"+txtuname.Text.Trim()+"' AND Password=
 '"+txtpass.Text.Trim()+"'");
        command.Connection = con;
        adapter.SelectCommand = command;
        adapter.Fill(userdataset, "0");
        txtpass.DataBind();
        txtuname.DataBind();
        usercount = userdataset.Tables[0].Rows.Count;

        if (usercount > 0)
        {
            string url;

            url = "Login.aspx";

            Response.Redirect(url);
        }
    }
}
```



}  
  }  
  }

## Search Job:

```
using System;
using System.Data;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.HtmlControls;
using System.Web.UI.WebControls.WebParts;
using System.Data.SqlClient;

public partial class SearchJob : System.Web.UI.Page
{
    public SqlConnection Connection = new SqlConnection(@"Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\smarthrsolut
ion.mdf;Integrated Security=True;User Instance=True");
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void SearchBut_Click(object sender, EventArgs e)
    {
        public static string connectionString = @"Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\smarthrsolut
ion.mdf;Integrated Security=True;User Instance=True";
        SqlConnection conn=new SqlConnection();
        SqlCommand cmd=new SqlCommand("Select
Company_name,Job_Location,Job_Skill,Designation,Job_Experience
From JobProvider_details natural join Job_Details where job_skill
like ' ' +txt_keyskill.Text+'",connection);
        SqlDataAdapter da =new SqlDataAdapter(cmd);
        DataSet ds =new DataSet();
        da.Fill(ds);
        GridView1.DataSource=ds;
        GridView1.DataBind();
        Button1.Visible=true;
    }
}
```