A Project Report

On

Online Job Portal java project

By

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B.Tech

Batch: - 2020 – 4965

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Introduction:

The importace of placement system is increasing day by day. Thousands of applicants are depending placement cell. But the applicants are facing so many problems. This project is an attempt to minimize the problems of an applicant to find a correct job. If we can make it an online computerized and a mobile alert process it will be so fast and convenient for the applicants.Far from upsetting matters, however, new technologies have predominantly made life better and considerably easier for most 0people, and so it must be concluded that they should be welcomed.

Software does not require a dedicated computer and can be run on almost any PC running Windows OS The package includes the MOB JOBS software and a normal cell phone and data cable. It uses a normal SIM card from a GSM operator with a local mobile number. In functionality it is similar to the four digit short codes but unlike short codes that is billed according to the agreement between the content provider and the service provider and can only be reached from certain networks a long code (Local GSM number) can be accessed from almost anywhere in the world for the price of an Normal SMS depending on location and tariff of the Local GSM operator. Receiving the response is an incoming SMS and is free.

MODULE DESCRIPTION

1). Applicant registration

2). Company registration

3). Job search

4). Vacancy Registration

5). Message

1) **Applicant registration:**

The applicant can register into the site by providing his details and he can set his username and password for logging in later.

2) **Company registration:**

The authority of the company can register into the site by providing its details and they can set its username and password for logging in. They can also specify their requirements for each vacancy.

3) **Job search:**

Applicants can search for the job vacancies in the fields of their choice and apply as interested.

4) **Vacancy registration:**

Authority of the company can provide all the necessary information about the vacancies in each post along with eligibility criteria.

5) **Message:**

Software selects the apt ones from the registered applicants for each post and informs them by a mobile alert. The message includes interview details.

Software Requirements:

Front end:	Java/J2EE technologies (Servlet, JSP), HTML, CSS, JDBC.
Back end:	MySQL. Middleware/Server:
	Apache Tomcat v9.0.
IDE:	Eclipse IDE for Java EE Developers
Browser:	Best result on Google Chrome Operating
System:	Window XP (Minimum).

ERD (Entity Relationship Diagram):

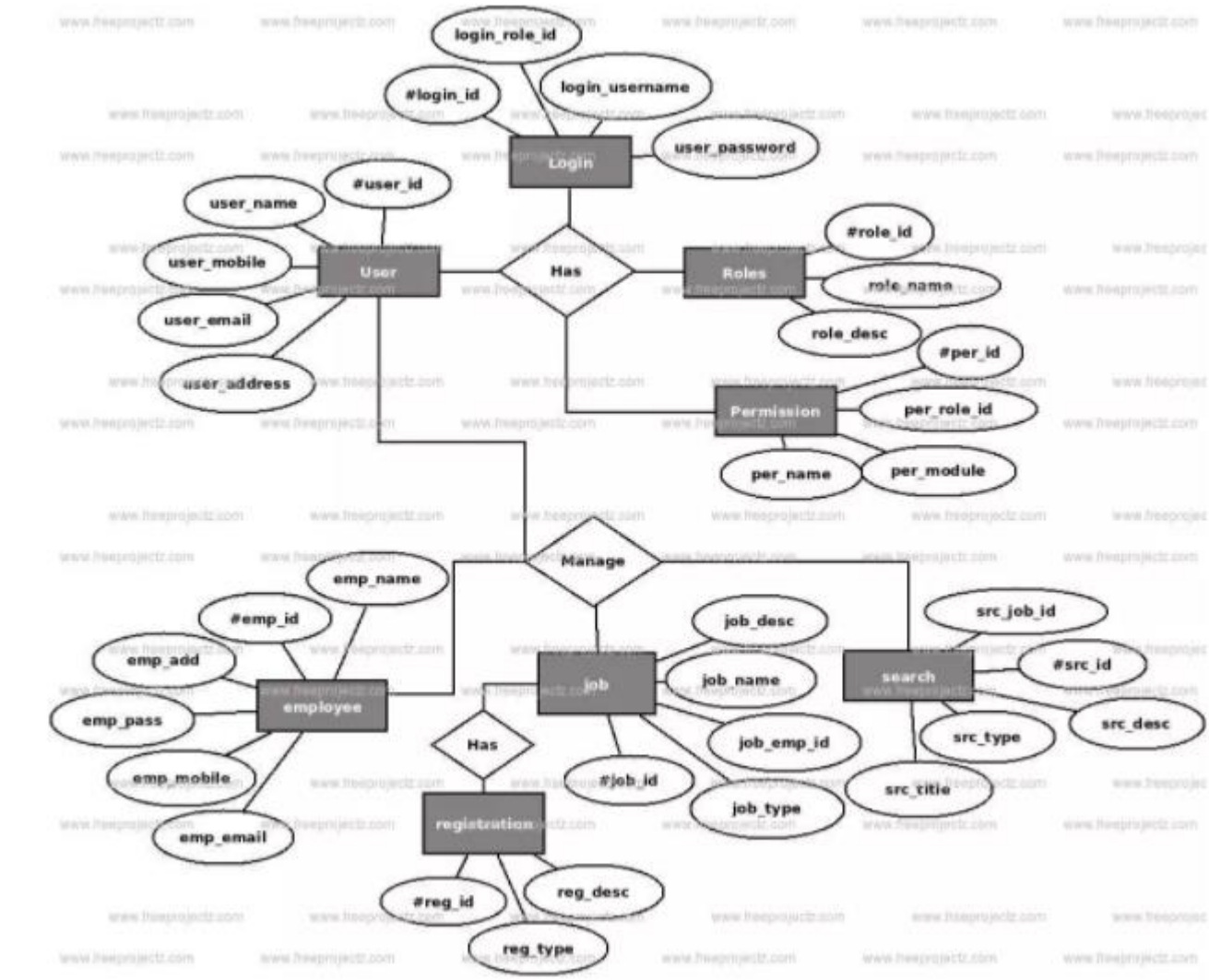


TABLE STRUCTURES

The structure of all tables included in the project is as under:-

1.INTERVIEW

```
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| can_uname | varchar(50) | YES  | MUL | NULL    |       |
| com_name  | varchar(50) | YES  | MUL | NULL    |       |
| iv_date   | date        | YES  |     | NULL    |       |
| iv_time   | varchar(20) | YES  |     | NULL    |       |
| iv_place  | varchar(50) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
```

2.EMPLOYER

```
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| emp_name | varchar(50) | NO   | PRI |         |       |
| emp_pass | varchar(50) | YES  |     | NULL    |       |
| emp_web  | varchar(50) | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
```

3.APPLICANT

```
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| fname    | varchar(50) | NO   |     | NULL    |       |
| lname    | varchar(50) | NO   |     | NULL    |       |
| gender   | varchar(10) | NO   |     | NULL    |       |
| username | varchar(50) | NO   | PRI | NULL    |       |
| password | varchar(50) | NO   |     | NULL    |       |
| email    | varchar(50) | NO   |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
```

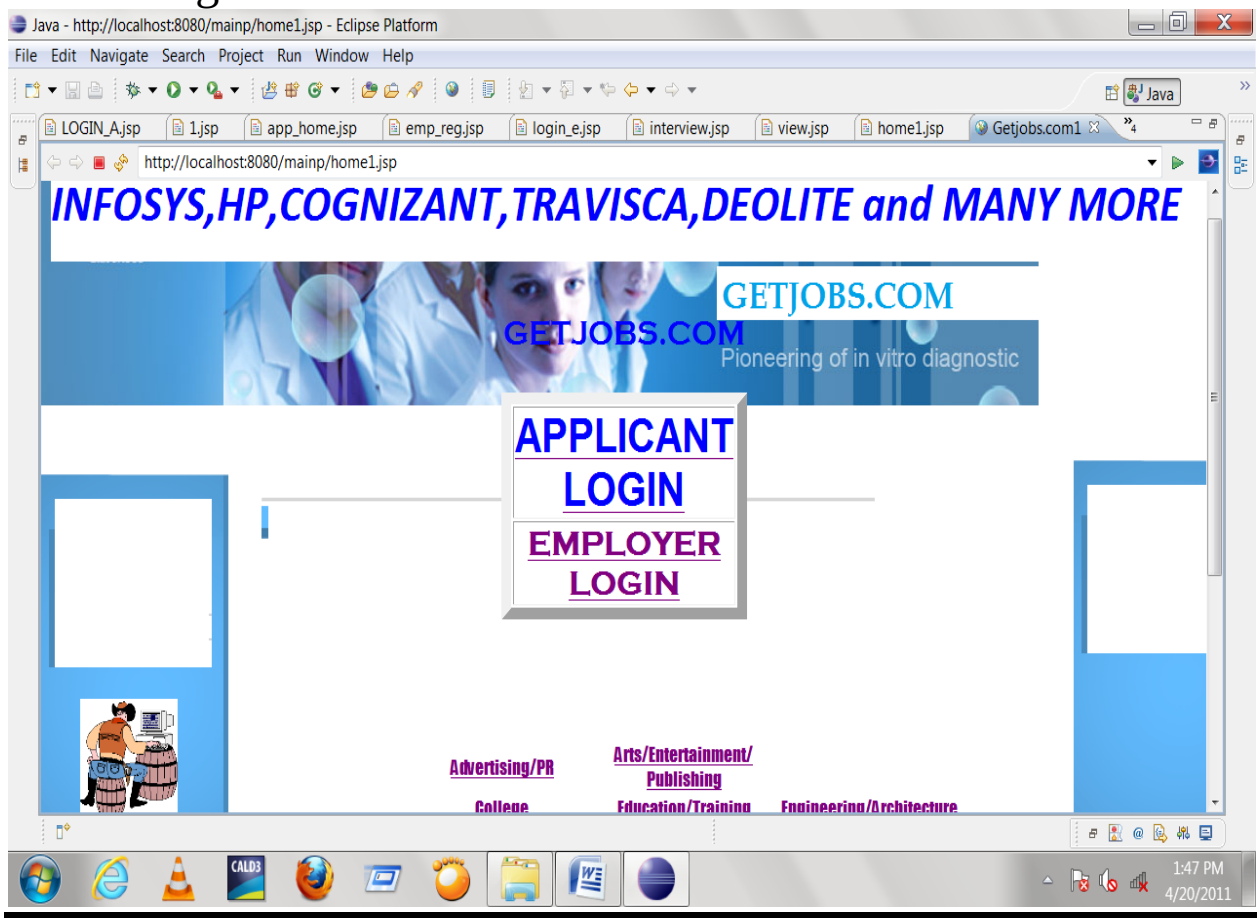
4.JOB

mysql> desc job;

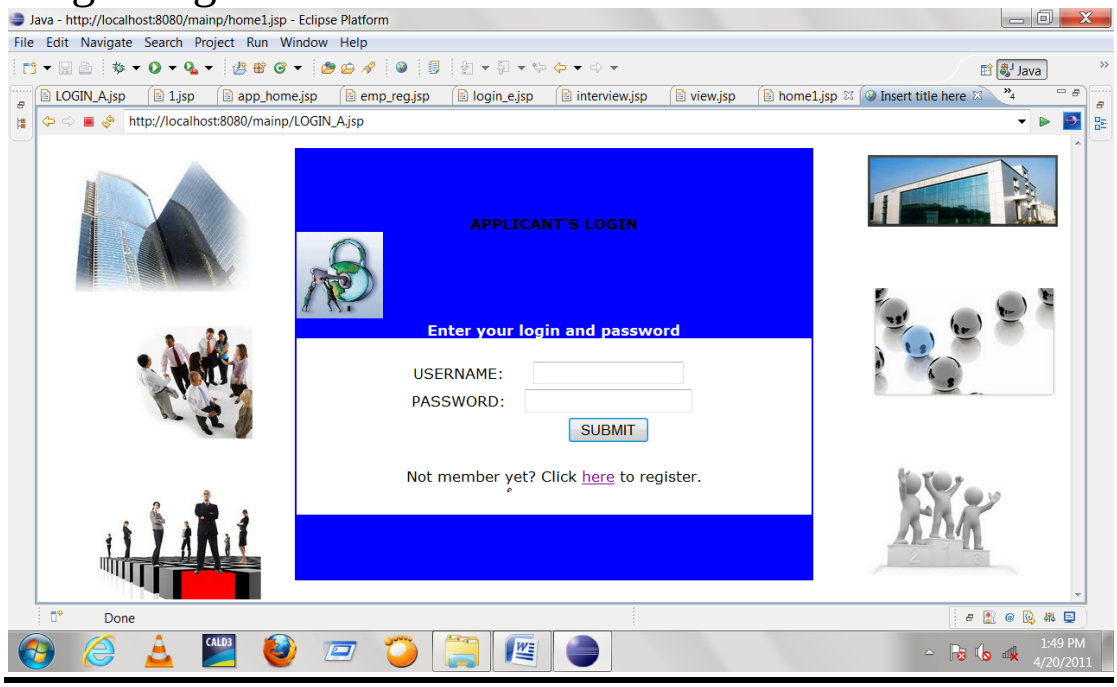
```
+----------+------------+------+-----+---------+-------+
| Field    | Type       | Null | Key | Default | Extra |
+----------+------------+------+-----+---------+-------+
| c_name   | varchar(50) | NO   | PRI |         |       |
| c_web    | varchar(50) | YES  |     | NULL    |       |
| vacancy  | int(50)     | YES  |     | NULL    |       |
| salary   | int(50)     | YES  |     | NULL    |       |
| job_desc | varchar(50) | YES  |     | NULL    |       |
| location | varchar(50) | YES  |     | NULL    |       |
| sel_post | varchar(50) | YES  |     | NULL    |       |
| iv_date  | date        | YES  |     | NULL    |       |
| iv_time  | varchar(20) | YES  |     | NULL    |       |
| iv_place | varchar(50) | YES  |     | NULL    |       |
+----------+------------+------+-----+---------+-------+
```

Screenshots :-

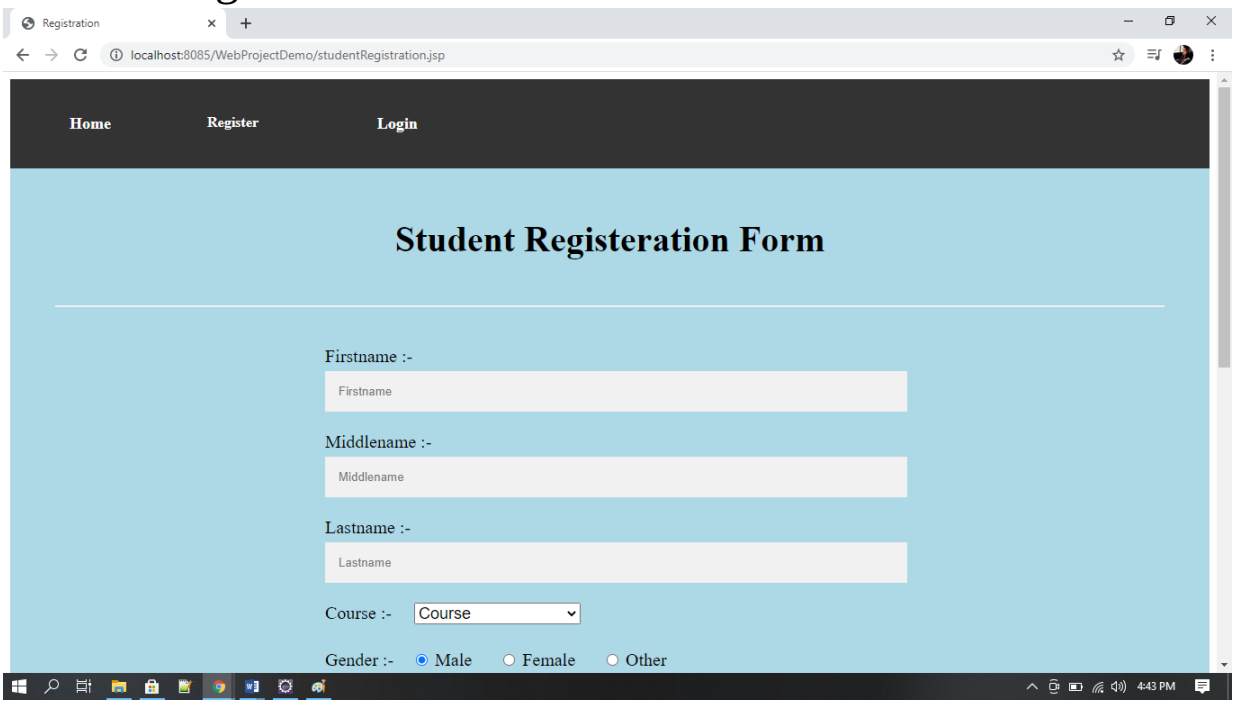
Home Page:-



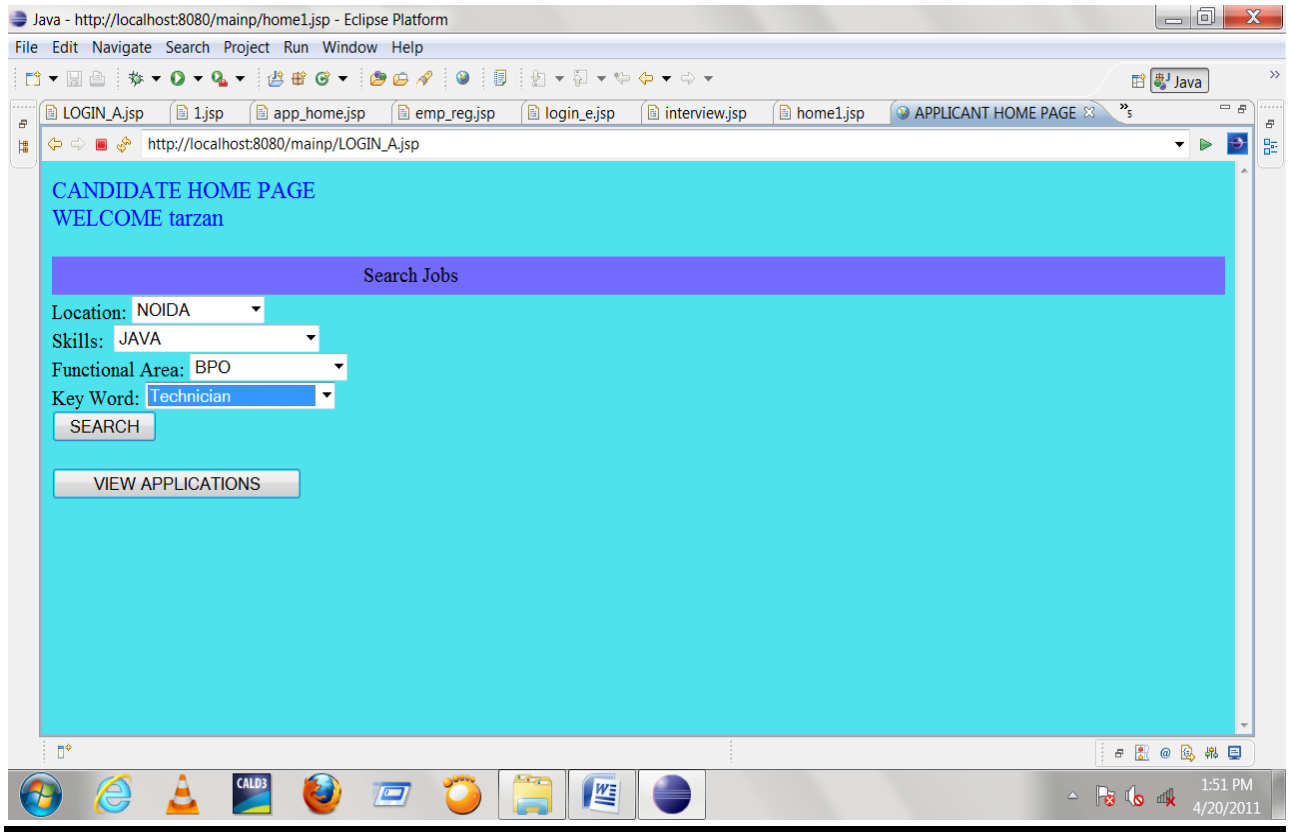
Login Page :-



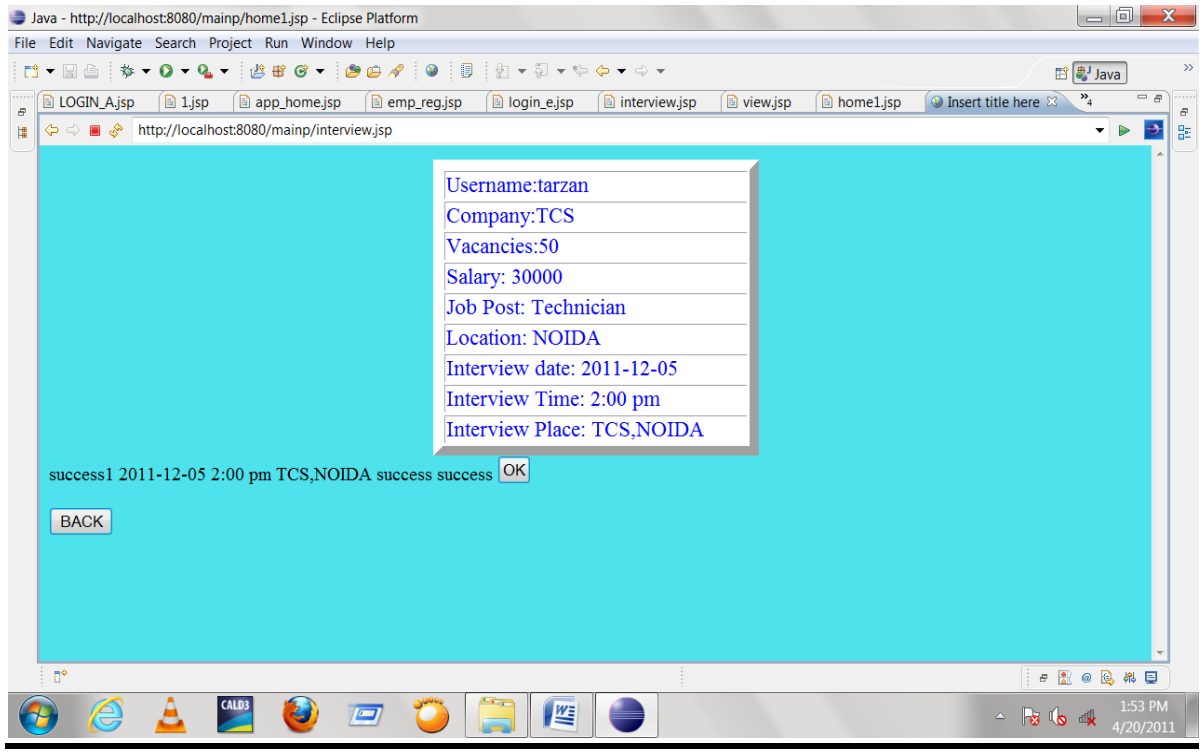
Student Registration :-



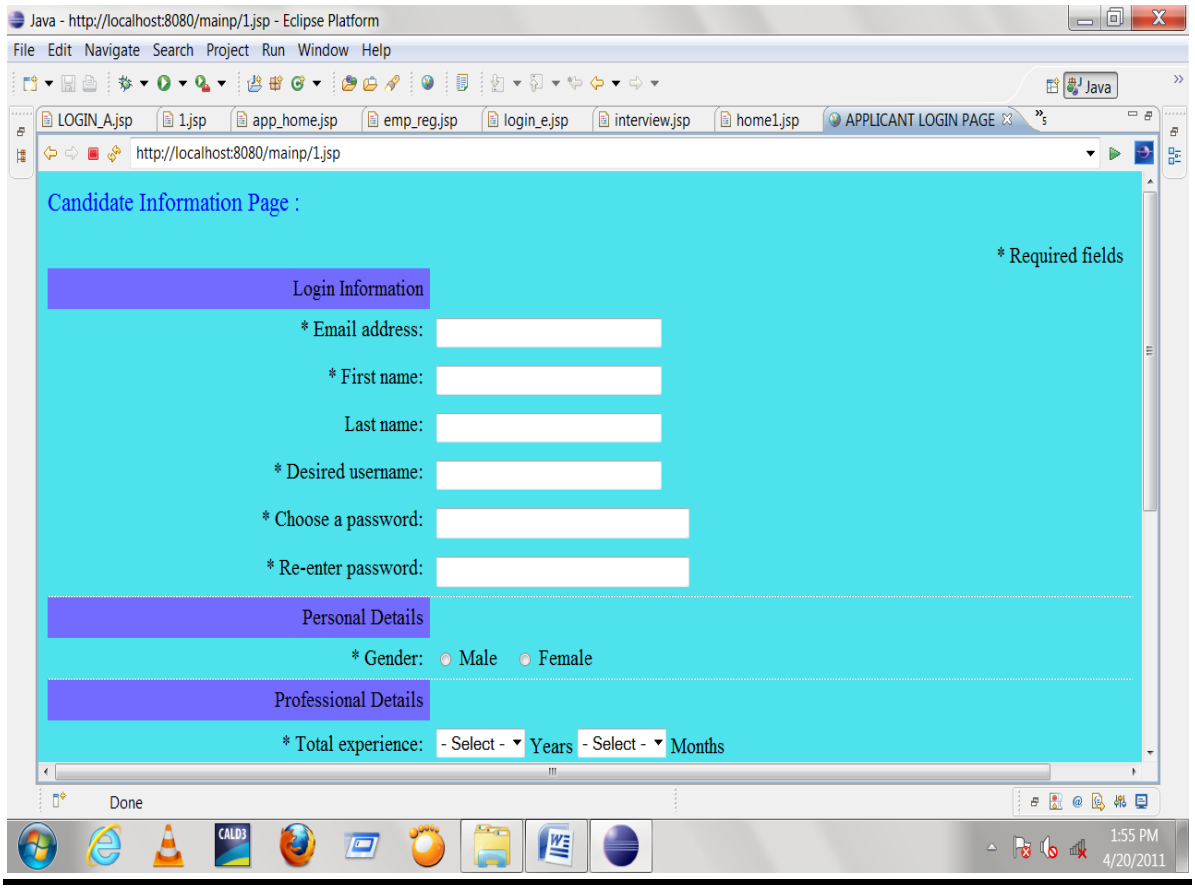
3.CANDIDATE'S HOME PAGE



4.INTERVIEW PAGE



5.CANDIDATE'S REGISTRATION PAGE



CONCLUSION

The Online job portal System is developed using java and sql fully meets the objectives of the system for which it has been developed. The system is operated at a high level of efficiency and all the job seekers and user associated with the system