

**A PROJECT REPORT
ON
PLACEMENT MANAGEMENT SYSTEM**

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**NAME OF INSTITUTION
EDUBRIDGE LEARNING PVT LTD.
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1. Abstract

From a student's perspective, placements can bring a wide range of benefits and opportunities. Training and management of placement is a crucial part of an educational institution in which most of the work is done manually. Manual system in the colleges requires a lot of manpower and time. With this project we aim to develop a web portal to solve this issue.

The project is aimed at developing an application for the placement department of the college. The system is an application which will be accessed and effectively used throughout the organization with proper login enabled. It can also be used as an application for the Placement Officers in the college to manage the student information about placement thus reducing the manual work and consumes less paperwork.

The system also provides the facility of viewing the personal and academic information of the student. The system gets the requested list of candidates for the companies who would like to recruit the people according to their eligibility criteria.

2. Introduction

Manual Training and Placement which is done at various colleges by human intervention due to which there is a maximum chance of errors. The major problem is searching and updating of the student data. Placement officers have to manage the student's profile and their documents. Placement Officer has to collect the information of various companies who comes for recruitment.

They have to arrange profiles of students according to various streams and notify them each time according to company requirements. Placement officers submit the information of students and if any changes or updates are required in the profile of any student, it has to be done manually. This process is so difficult when the number of users increases. This is tedious and time consuming. Chances of missing data are also possible. It is also difficult for collecting, managing, and updating student data as the number of students increases.

Placement Management System like many other placement management web sites, provides information on placement providers and the placements and also keeps up to date information of all students. It is a platform where students can view and assess their opportunities. The system will be having different types of accounts for different types of users such as Admin, Student and Placement Manager. A profile for each student is created with the necessary credentials for the portal.

The system uses MySQL for database management and will sort the data of the student based on eligibility criteria demanded by the respective companies and a list of eligible candidates will be prepared and they can choose if they are interested to attend that particular drive or test. Based on this final data-set is created and the interested candidates will be registered automatically by the system. This way it reduces the work of college staff or faculty from the problems caused by human error and wastage of time doing all processes manually.

3. Purpose

Placement Management System manages student information in the college with regard to placement. It improves existing system. It has the facility of maintaining the details of the student, thereby reducing the manual work. It will save time and energy which are spending in making reports and collecting data. Placement Management System can be accessed throughout the college with proper login provided.

4. Scope

The project has a wide scope. Our project mainly helps in improving productivity and makes use of utilization of resources. There is no duplication of work as this was not the case when done manually. Thus, it reduces work and increases morale. The system intends user friendly operations which may resolve ambiguity.

The project is a total management and informative system, which provides the up- to-date information of all the students in the college. Our system also helps the college to overcome the difficulty in keeping records of hundreds of students and searching for a student eligible for recruitment criteria from the whole thing. It helps in effective and timely utilization of resources.

The project facilitates user friendly, reliable and fast management system. The placement officer itself can carry out operations in a smooth and effective manner. They need not concentrate on record keeping. The college can maintain computerized records thus reducing paper work, time and money.

5. Project Objective

The main objective of the placement management system is to reduce manual work and time. It is difficult and time-consuming to collect all the details from each student. To avoid this problem, we have planned to develop a web-based placement management system.

- Easy to find out the list of eligible students attending the Drives
- It manages the details of student records, placement training, different placements happening in and out of the college.
- Saves the time of placement officer and faculties.
- Reduces the manual works.
- This system makes student information more secure.

6. Technology Used

- Java
- JSP
- MySQL DB
- Eclipse (IDE)

7. SQL Tables

1. Placement Table

ID	Int	Primary key
CompanyID	<u>Int</u>	
Name	Varchar	
NumberOfVacancies	int	

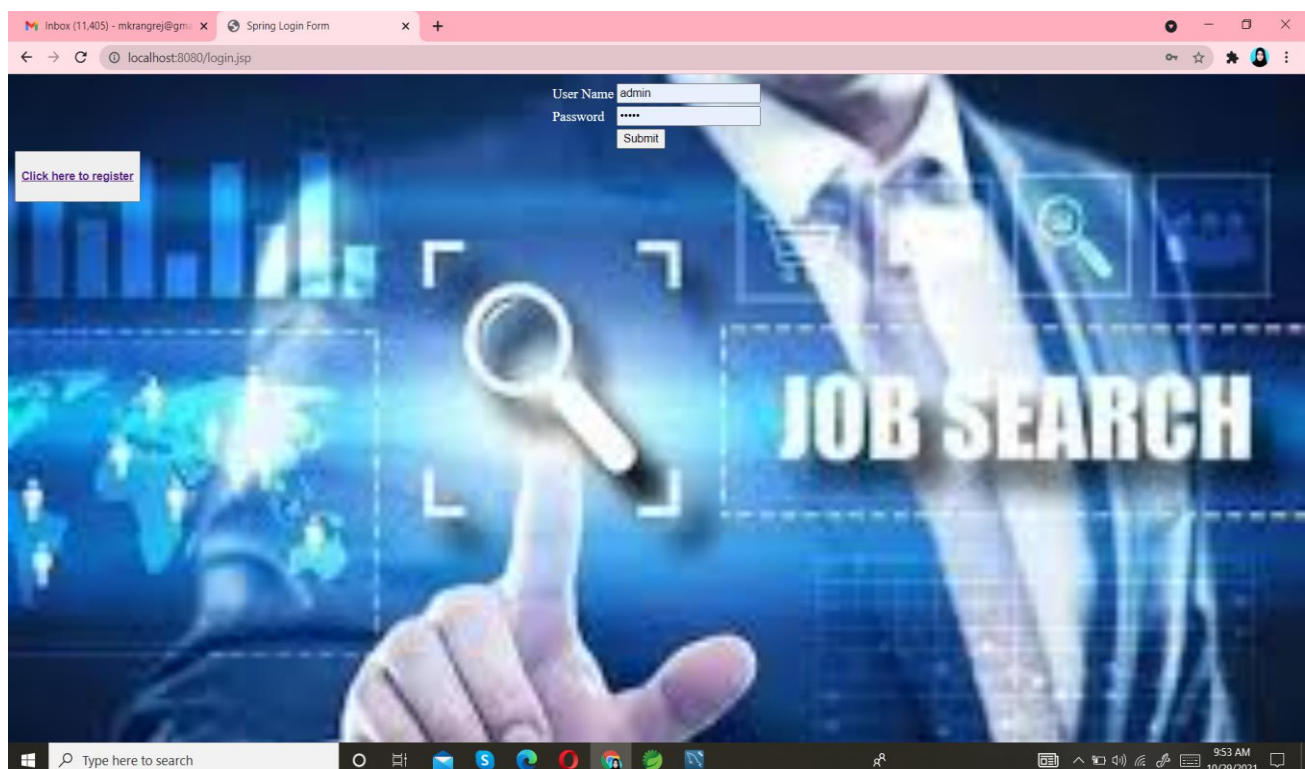
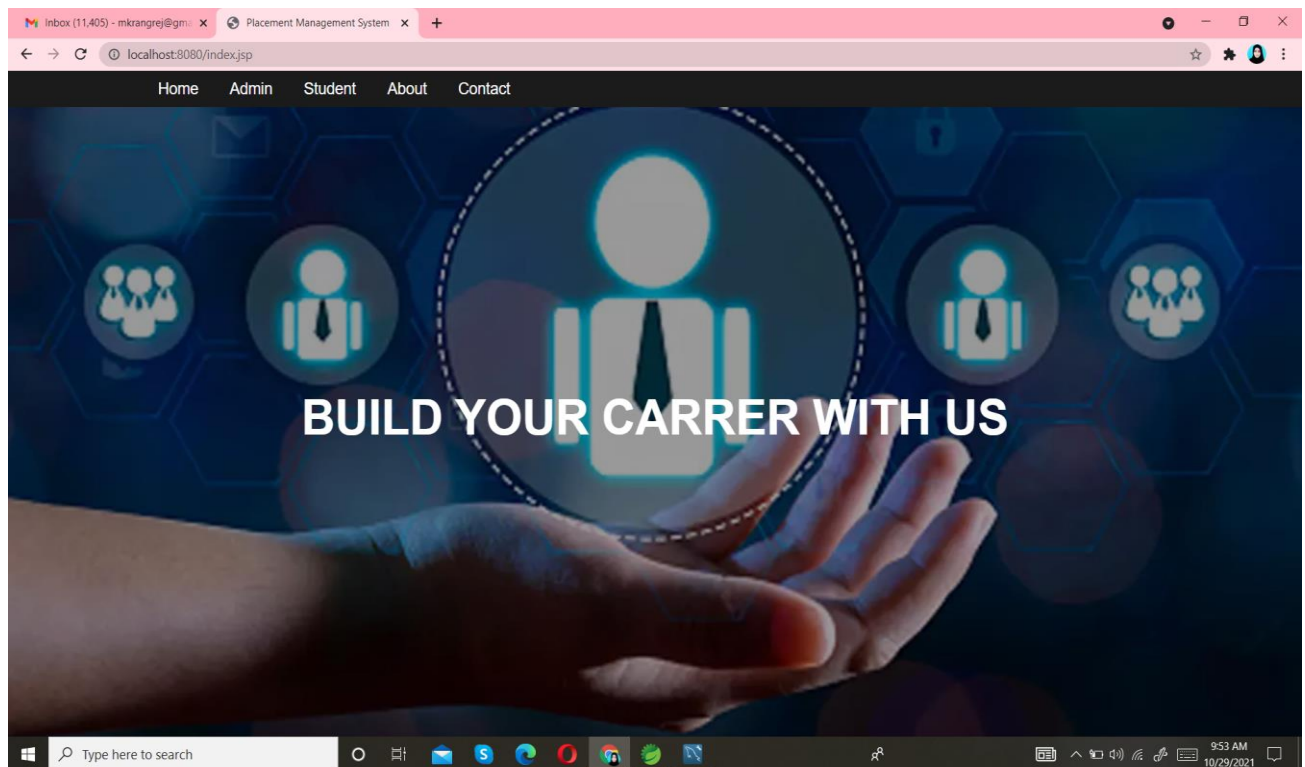
2. User Table

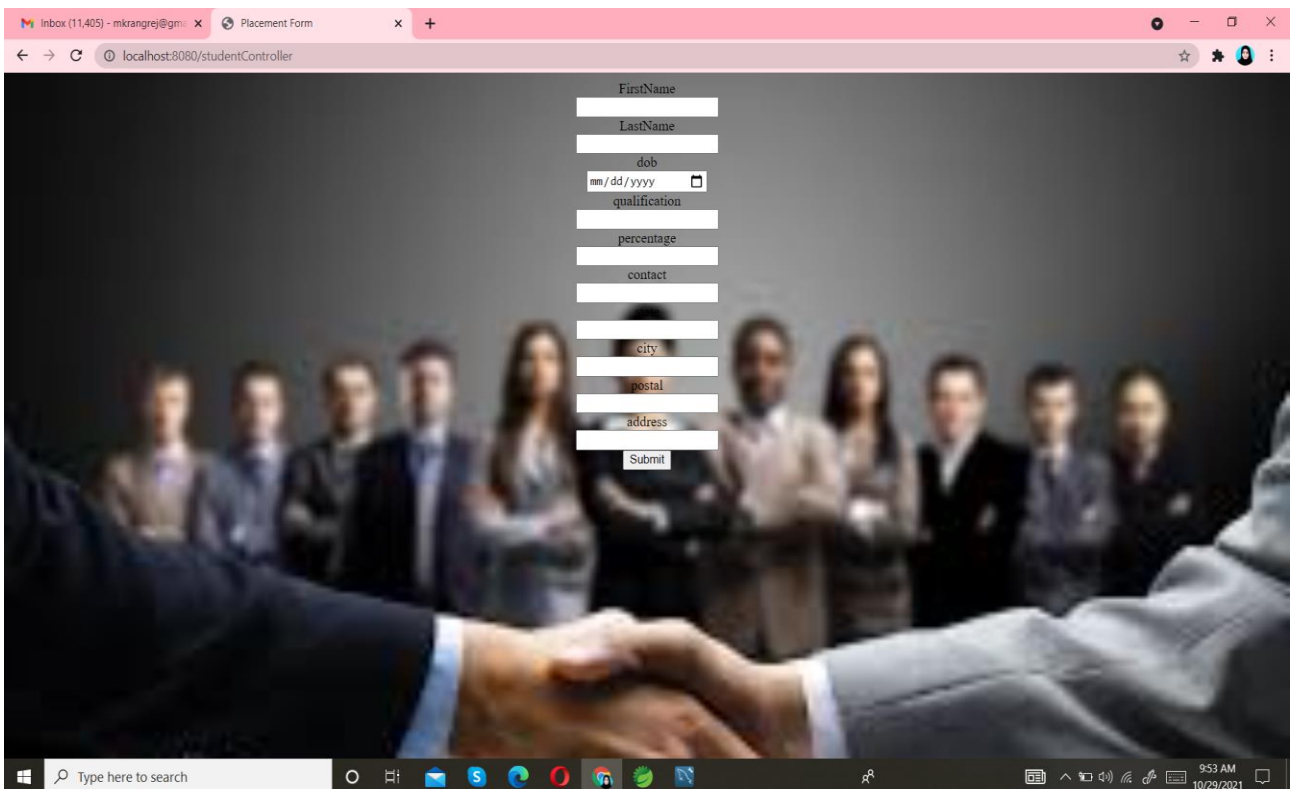
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Email	Varchar	
Password	varchar	
First_name	Varchar	
Last_name	Varchar	
User_name	varchar	

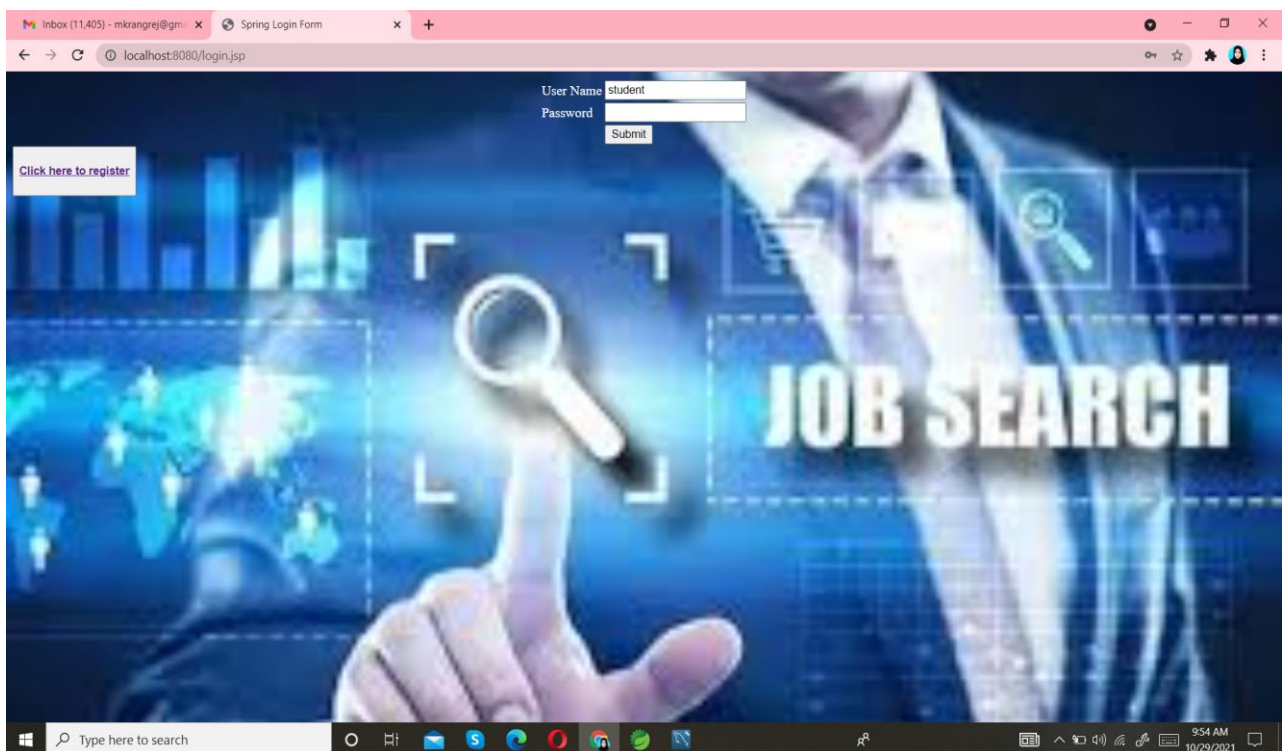
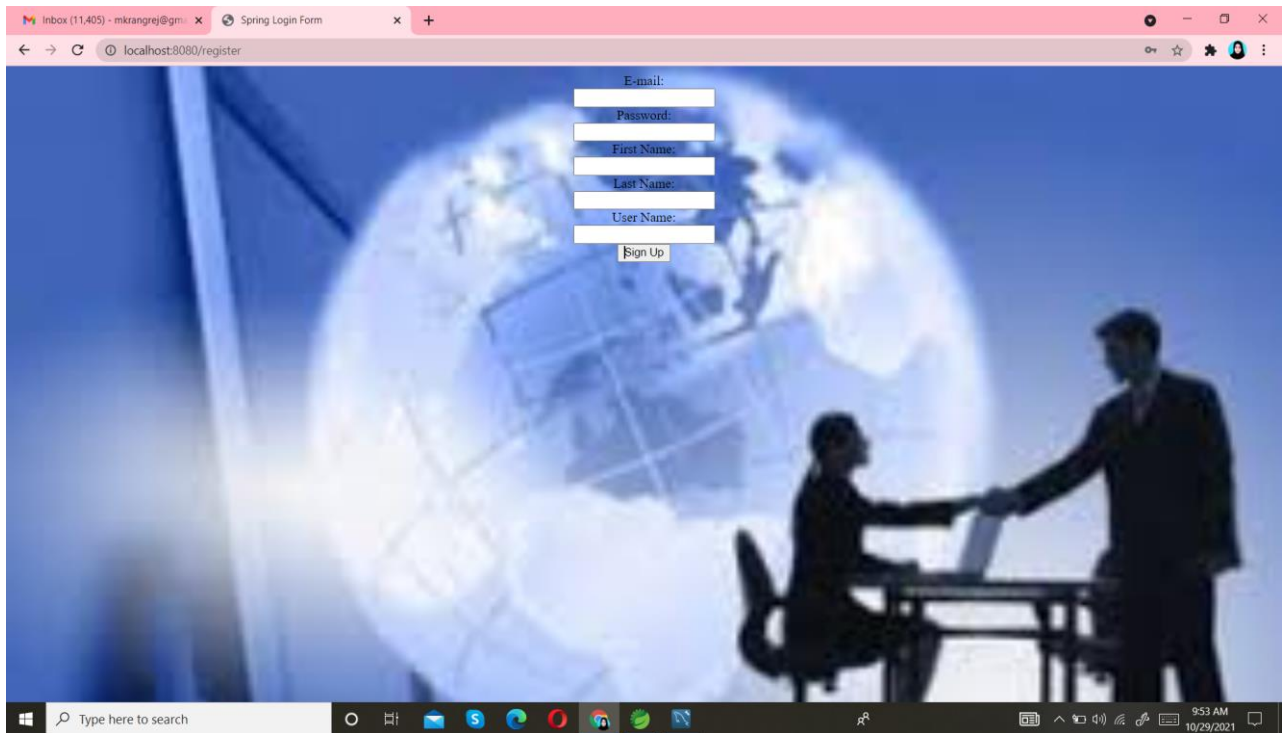
3. User Registration

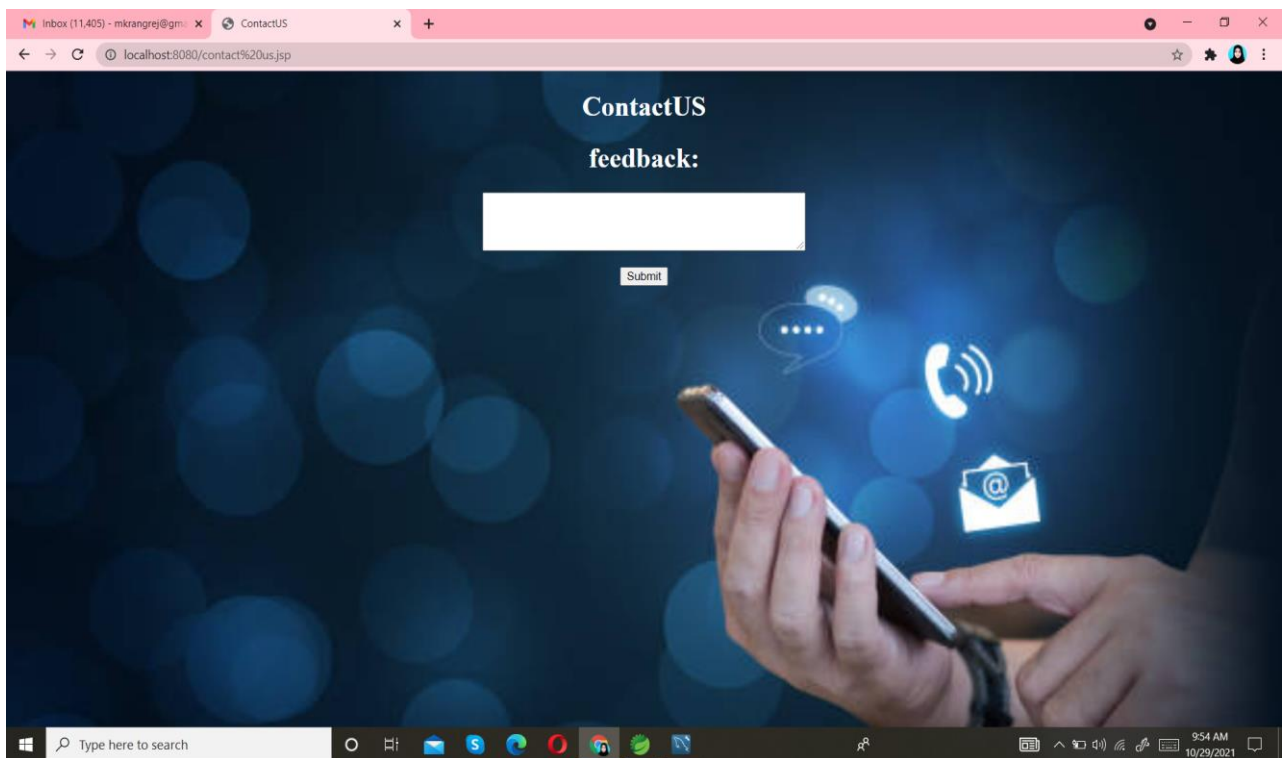
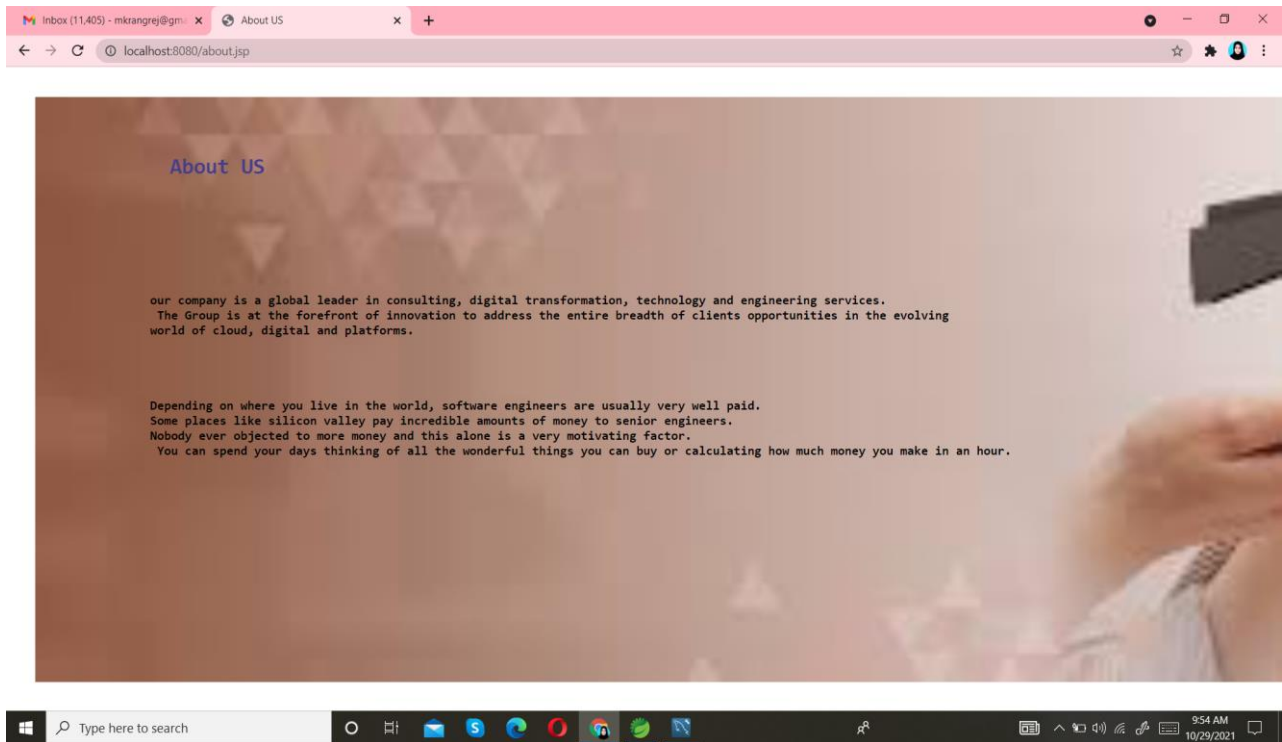
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FirstName	Varchar	
LastName	Varchar	
Dob	Datetime	
Qualification	Varchar	
Percentage	Double	
Contact	Varchar	
State	Varchar	
City	Varchar	
Postal	Int	
Address	varchar	

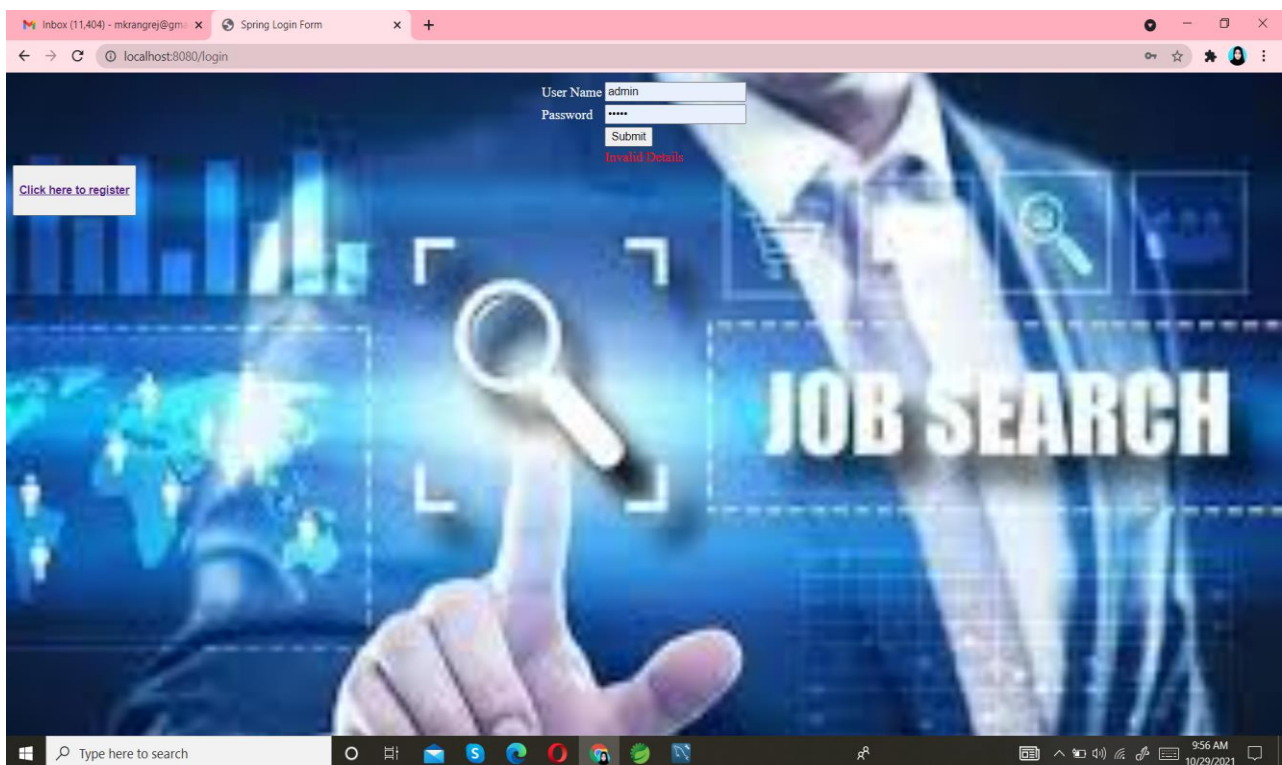
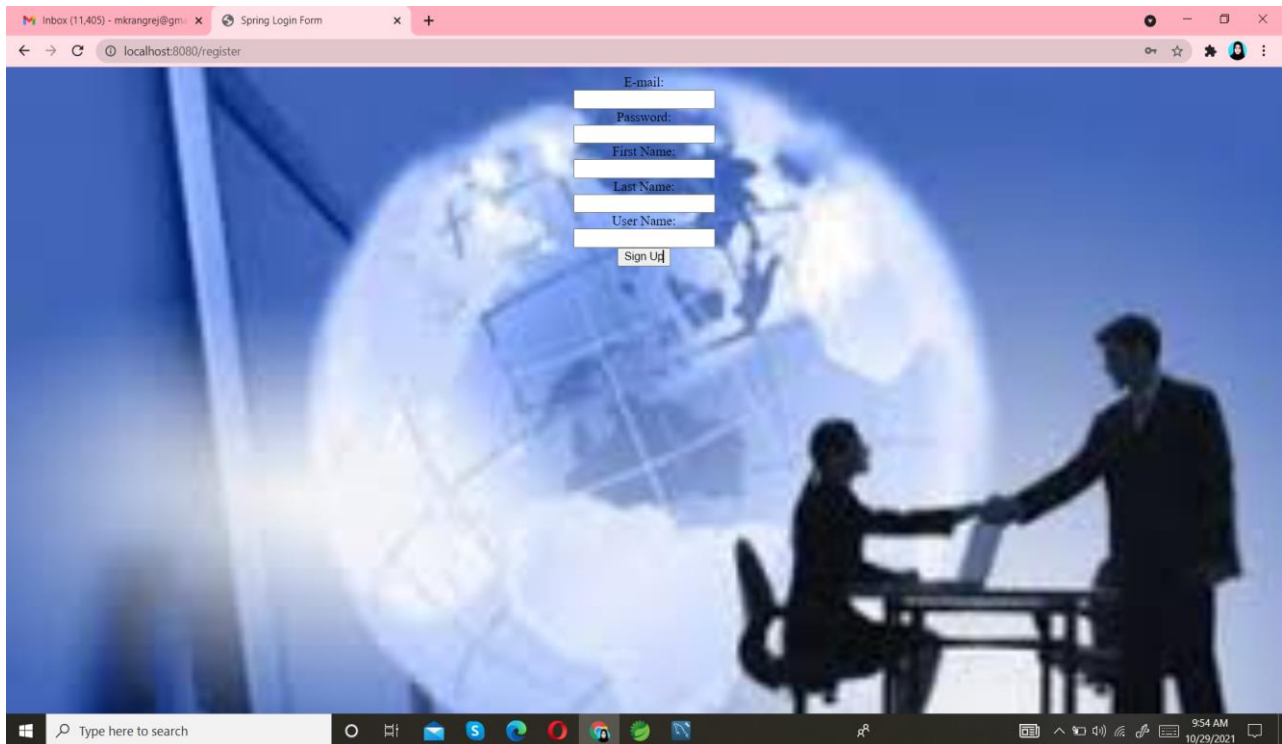
8. Snapshots

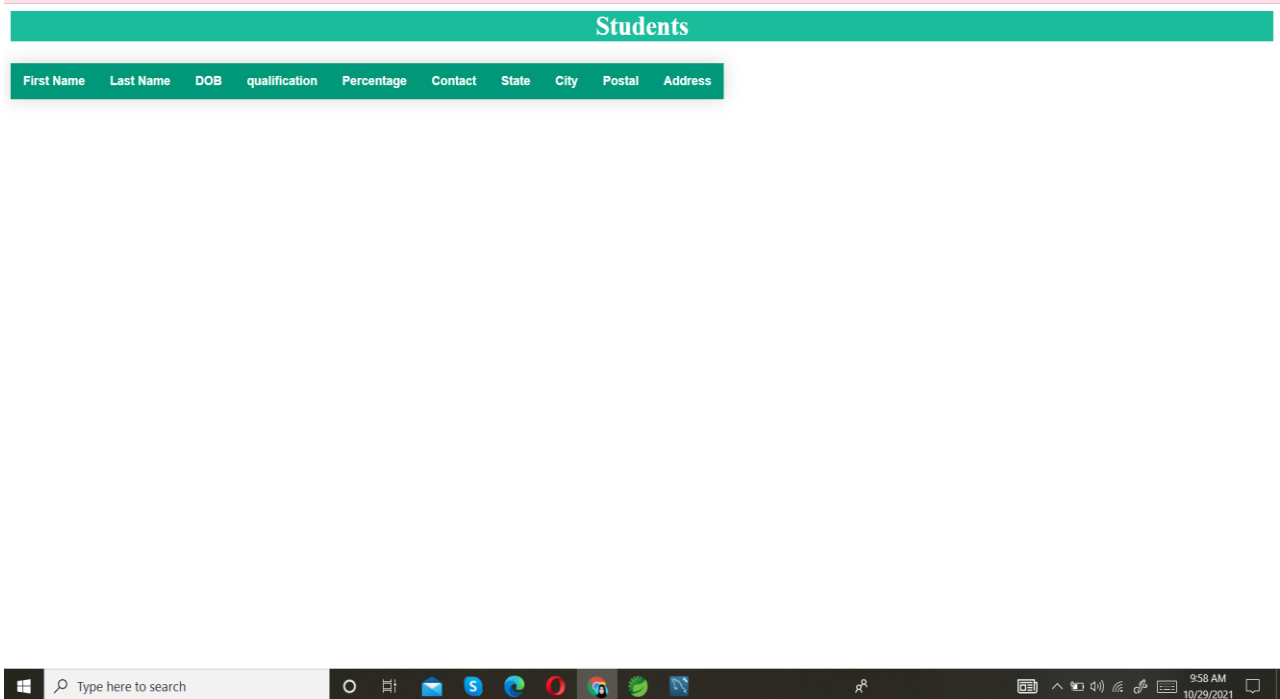
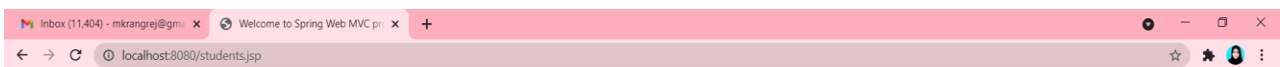
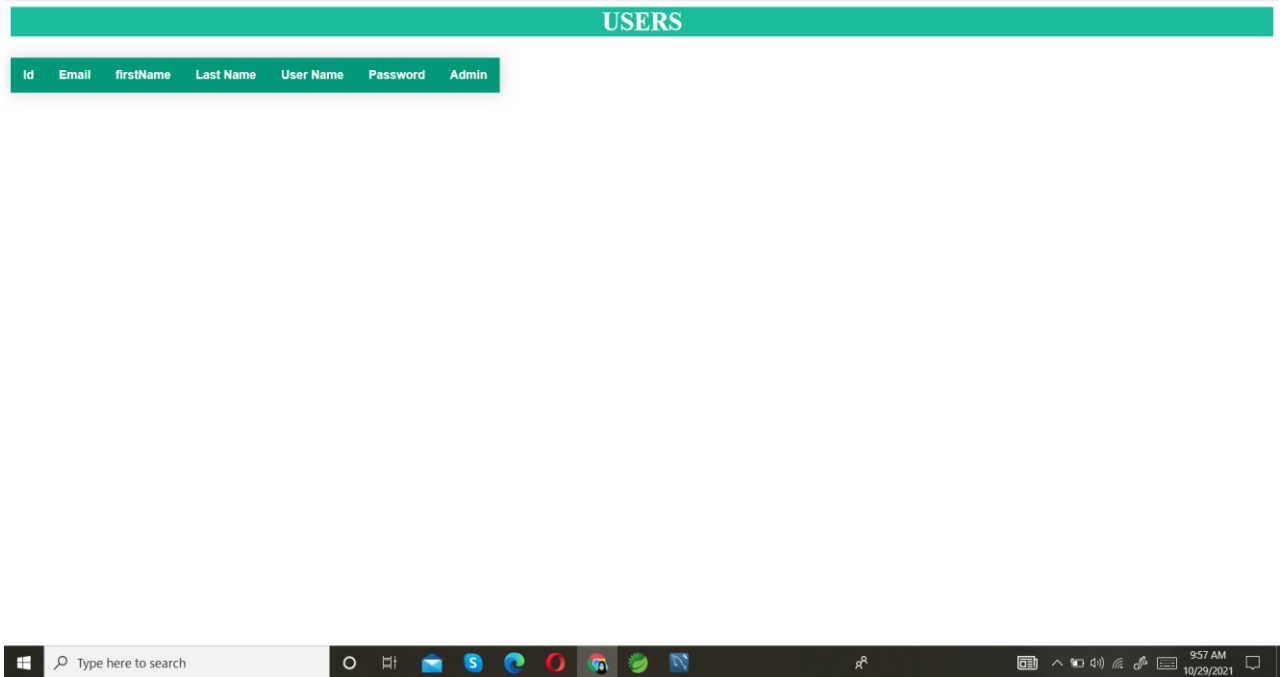
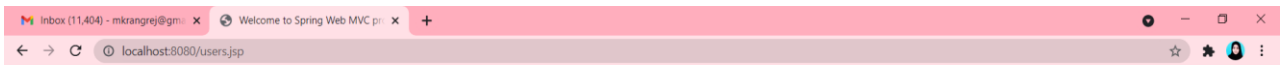


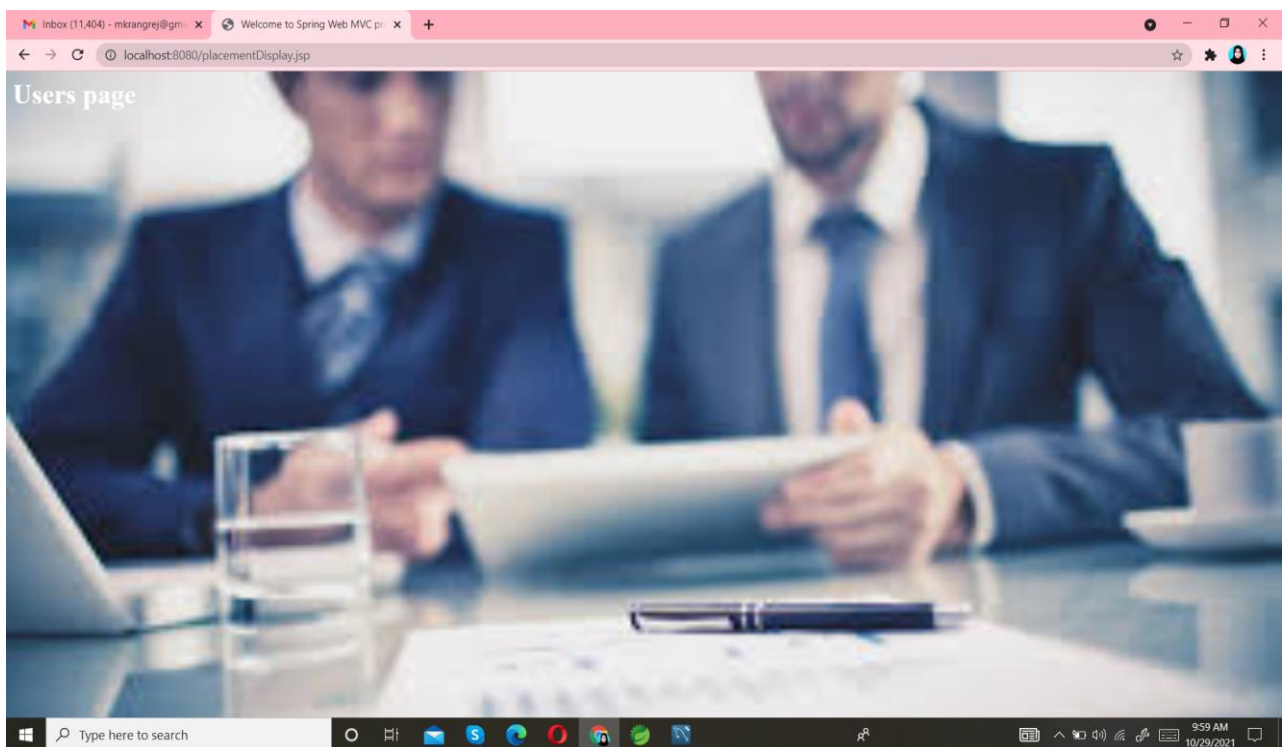
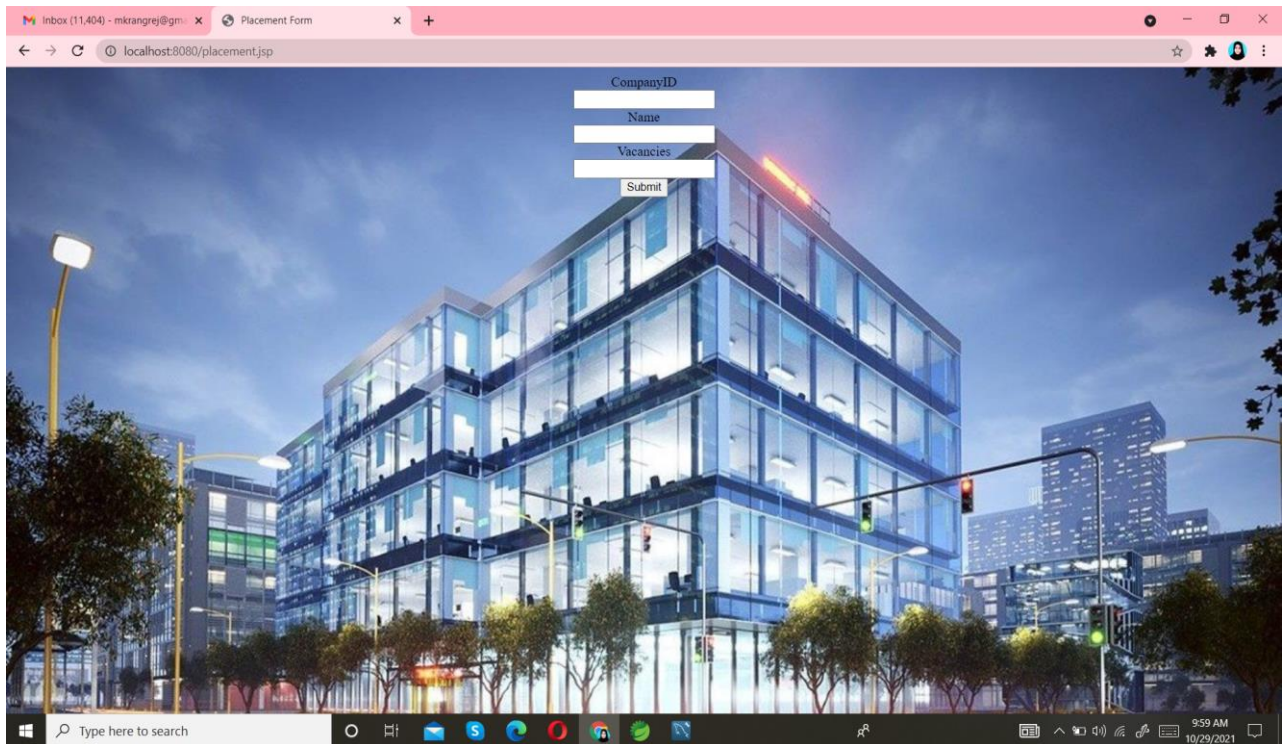












9. Conclusion

Maximum work goes manually in the present placement system which makes it take time to avail changes. This includes main problems like searching for the data of students and sorting them along with it. Also, updating student data is a cumbersome job and does not have a method to notify the student in time which makes the management of the placements very difficult. In the proposed system, all of these problems become automated.

The registration of the student for an upcoming placement, the addition of a new user, notifying students, sharing information, the privacy of the student, etc is all met. The admin validates the information and gives the student list based on the criteria required which otherwise would have been very difficult to manage.