

EduBridge



A Project

Report On

Placement Management System

By

Pushpanjali A. Sonawane

B.E

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Center: Thane

Under the Guidance of,

Chittaranjan Ghosh

Technical Trainer

EduBridge

(School of coding)

INTRODUCTION:

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.

I have developed this Application in **Java, JSP, Servlets, Hibernate and MySQL**. It's a web-based projects so I have used **HTML, CSS, JavaScript and Bootstrap, Thymleaf**.

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. In Admin module, admin can add the Category and Products in the specific category. He can also view the total number of users at present in the website. And category and product details also. Admin can only see the admin page and cart if he wants to order something.

- 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.
- This system makes student information more secure.

MODULES:

- Student Module
- Recruiter Module
- Admin Module

Admin Module: Admin can able to handle recruiter portal and student portal. It provides access to the Recruiter for uploading new jobs as well as to track the process of job application with a username and password.

Recruiter Module: Recruiter can access this website by signing up. Recruiter can post jobs for student from his portal as well as he/she can update job portal for student.

Student Module: Students can view the Jobs applied by the company, Students can apply for Jobs, Students can view the Jobs applied by themselves, Students can change the password as well as Student can update profile.

SOFTWARE REQUIREMENTS:

Front end: Java/J2EE technologies (Servlet, JSP), HTML, CSS, Spring boot, JavaScript, Bootstrap, Thymleaf, Hibernate.

Back end: MySQL workbench 8.0.CE.

Middleware/Server: Apache Tomcat v8.5. IDE: Spring tool suite for Java EE Developers

Browser: Google Chrome

Operating System: Windows 10

HARDWARE REQUIREMENTS:

System: Pentium IV 2.4 gbz.

Hard Disk : 40Gb.

RAM :512 Mb

DATA DICTIONARY:

- Student Database

Query 1 SQL File 3* x

```
1 • show databases;  
2 • use placement;  
3 • select * from student;  
4 • describe student;
```

Result Grid Filter Rows: Export: Wrap Cell Content: I A

Field	Type	Null	Key	Default	Extra
sid	bigint	NO	PRI	NULL	
address	varchar(255)	YES		NULL	
b_marks	float	NO		NULL	
branch	varchar(255)	YES		NULL	
contact	bigint	NO		NULL	
course	varchar(255)	YES		NULL	
cv_url	varchar(255)	YES		NULL	
dob	date	YES		NULL	
email	varchar(255)	YES		NULL	
hs_marks	float	NO		NULL	
m_marks	float	NO		NULL	
password	varchar(255)	YES		NULL	
profile_pic	varchar(255)	YES		NULL	
s_marks	float	NO		NULL	
sname	varchar(255)	YES		NULL	

- Recruiter Database

Query 1 SQL File 4* x

```
1 • show databases;  
2 • use placement;  
3 • select * from recruiter;  
4 • describe recruiter;
```

Result Grid Filter Rows: Export: Wrap Cell Content: I A

Field	Type	Null	Key	Default	Extra
rid	bigint	NO	PRI	NULL	
address	varchar(255)	YES		NULL	
company	varchar(255)	YES		NULL	
email	varchar(255)	YES		NULL	
logo	varchar(255)	YES		NULL	
password	varchar(255)	YES		NULL	
pno	bigint	NO		NULL	
rname	varchar(255)	YES		NULL	
website	varchar(255)	YES		NULL	

- Admin Database

Query 1 SQL File 4* x

```

1 show databases;
2 • use placement;
3 • select * from admin;
4 • describe admin;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Field	Type	Null	Key	Default	Extra
▶	aid	bigint	NO	PRI	NULL	
	address	varchar(255)	YES		NULL	
	aname	varchar(255)	YES		NULL	
	cname	varchar(255)	YES		NULL	
	contact	bigint	NO		NULL	
	email	varchar(255)	YES		NULL	
	logo	varchar(255)	YES		NULL	
	password	varchar(255)	YES		NULL	
	website	varchar(255)	YES		NULL	

- Jobs Database

Query 1 SQL File 4* x

```

1 show databases;
2 • use placement;
3 • select * from jobs;
4 • describe jobs;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	Field	Type	Null	Key	Default	Extra
▶	jid	bigint	NO	PRI	NULL	auto_increment
	company	varchar(255)	YES		NULL	
	edate	date	YES		NULL	
	jd	varchar(500)	YES		NULL	
	jlocation	varchar(255)	YES		NULL	
	jrole	varchar(255)	YES		NULL	
	pdate	date	YES		NULL	
	rid	bigint	NO		NULL	
	rlogo	varchar(255)	YES		NULL	
	salary	bigint	NO		NULL	
	status	varchar(255)	YES		NULL	

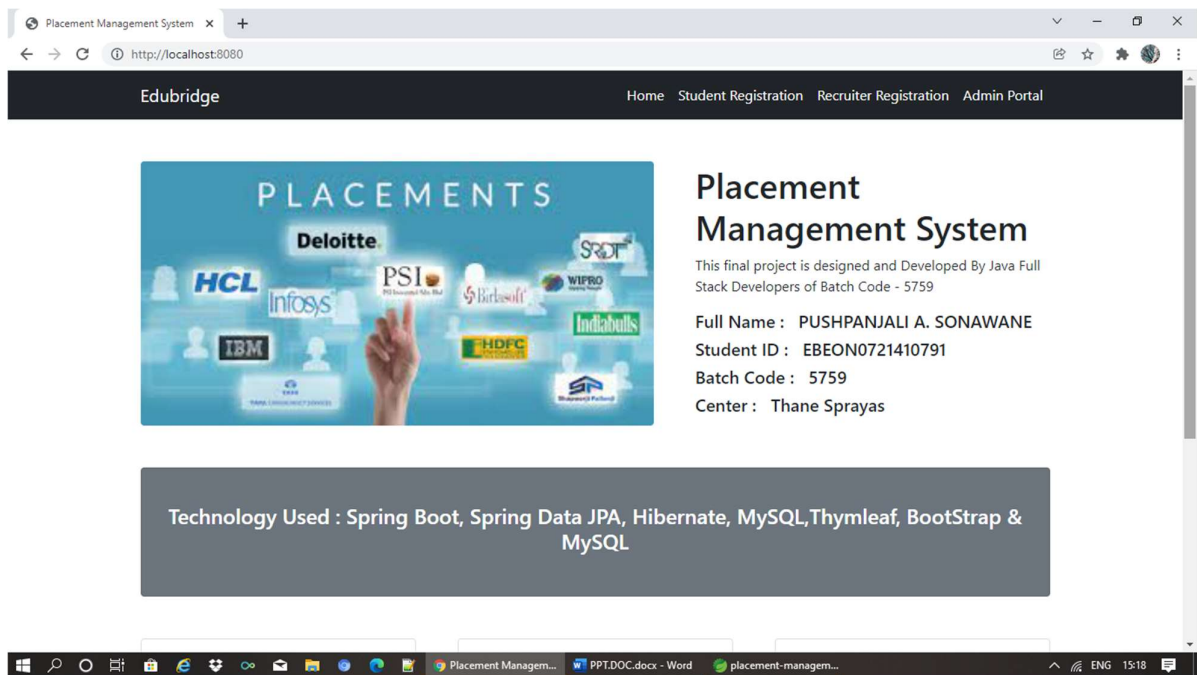
Result 7 x Read On

Output

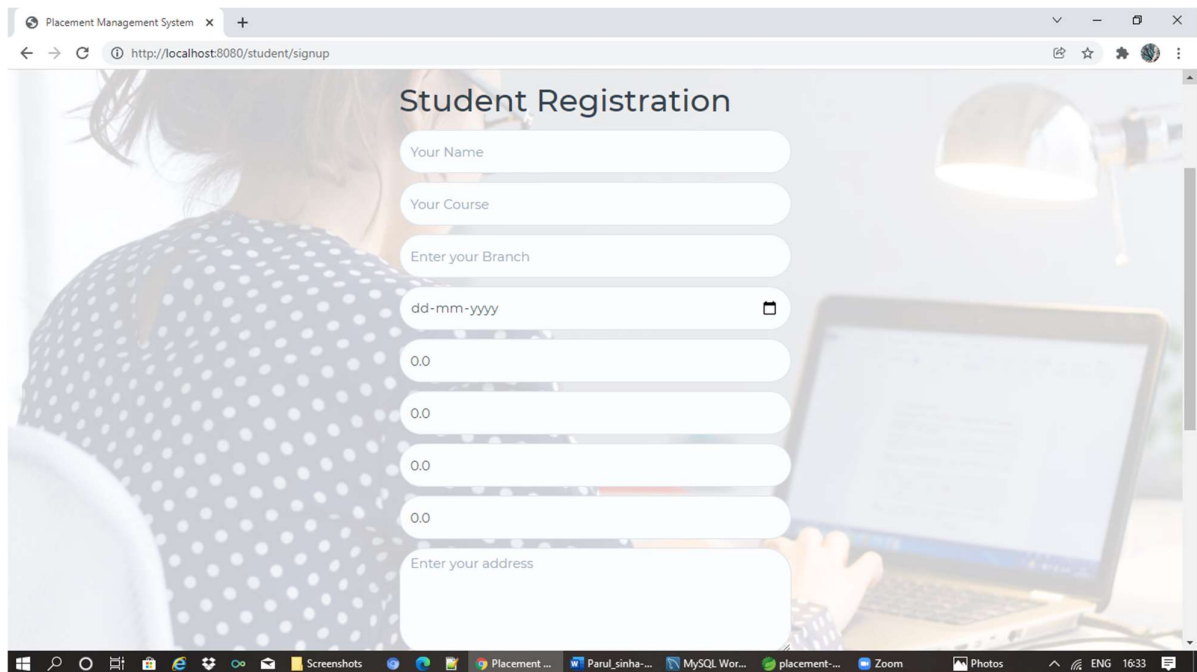
Action Output

#	Time	Action	Message
✓ 13	01:16:38	select * from jobs	3 row(s) returned
✓ 14	01:16:54	describe jobs	11 row(s) returned

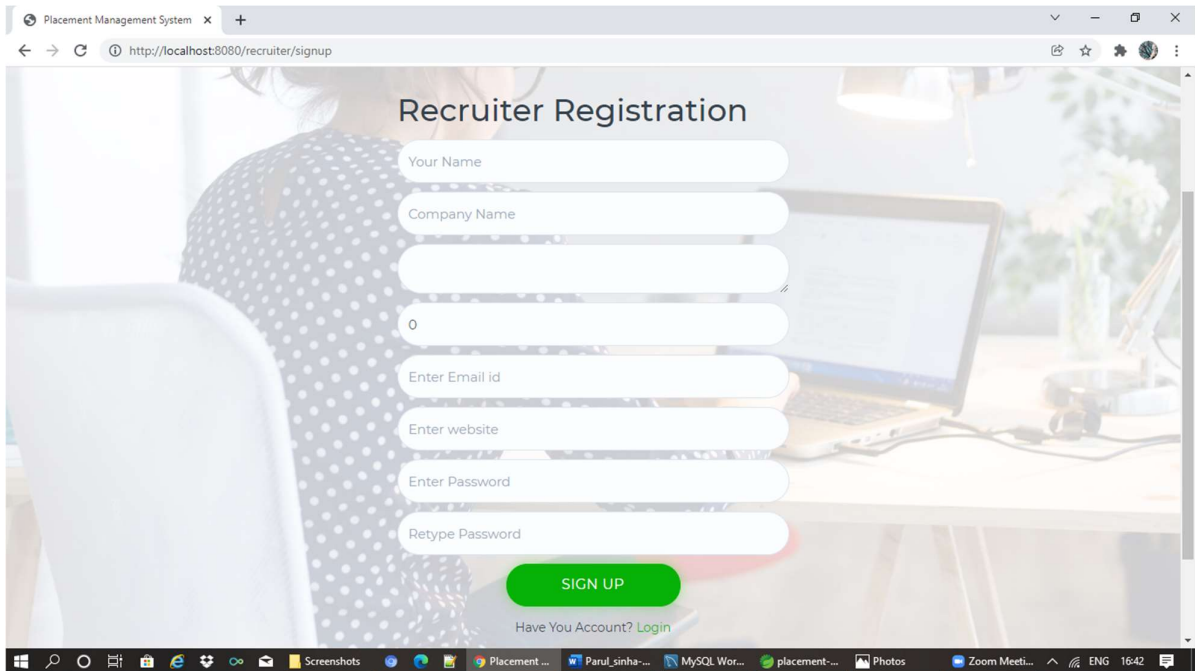
- **Home Page:**



- **Student Registration:**

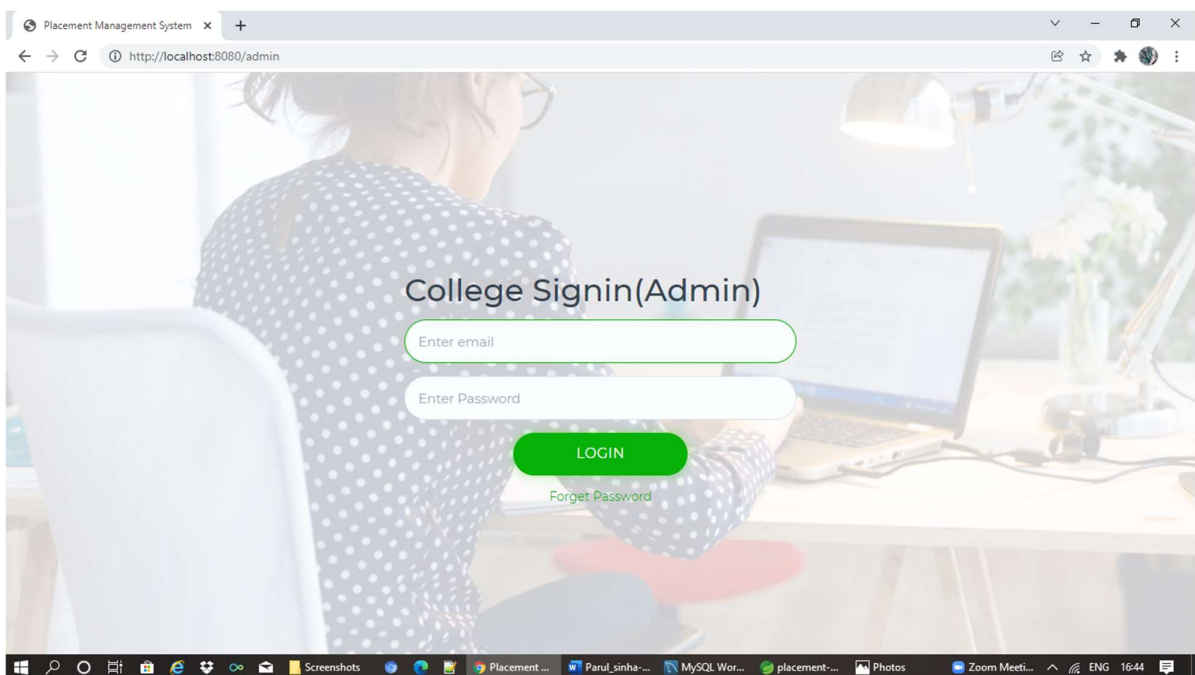


- **Recruiter Registration:**



The screenshot shows a web browser window with the title "Placement Management System". The address bar displays "http://localhost:8080/recruiter/signup". The page content is titled "Recruiter Registration" and features a registration form with the following fields: "Your Name", "Company Name", a field with a placeholder "0", "Enter Email id", "Enter website", "Enter Password", and "Retype Password". A green "SIGN UP" button is positioned below the form. A link "Have You Account? Login" is located at the bottom of the form. The browser's taskbar at the bottom shows various open applications including "Screenshots", "Placement...", "Parul_sinha...", "MySQL Wor...", "placement-...", "Photos", and "Zoom Meeti...". The system clock indicates "ENG 16:42".

- **Admin Registration:**



The screenshot shows a web browser window with the title "Placement Management System". The address bar displays "http://localhost:8080/admin". The page content is titled "College Signin(Admin)" and features a login form with the following fields: "Enter email" and "Enter Password". A green "LOGIN" button is positioned below the form. A link "Forget Password" is located below the "Enter Password" field. The browser's taskbar at the bottom shows various open applications including "Screenshots", "Placement...", "Parul_sinha...", "MySQL Wor...", "placement-...", "Photos", and "Zoom Meeti...". The system clock indicates "ENG 16:44".

- **Student-Dashboard Page:**

Placement Management System

Student Dashboard

Logout

Profile Details

View Jobs

Applied Jobs Status

Change Password

Update Details

Upload Resume

Upload profile Picture

Preview Resume

Welcome, Pushpanjali

ABC road

Resume Download

Java full Stack

DEGREE

computer Engg

BRANCH

70.0

MARKS

Email: pushpa07@gmail.com

Contact: 987654321

DOB: 2021-12-02

- **Recruiter-Dashboard Page:**

Simple Sidebar - Start Bootstrap

Recruiter Portal

Toggle Menu

Home Link Logout

Recruiter Details Update

Full Name

Jhon

Company

Microsoft

Email

Jhon@gmail.com

Contact No

1234567890

Website

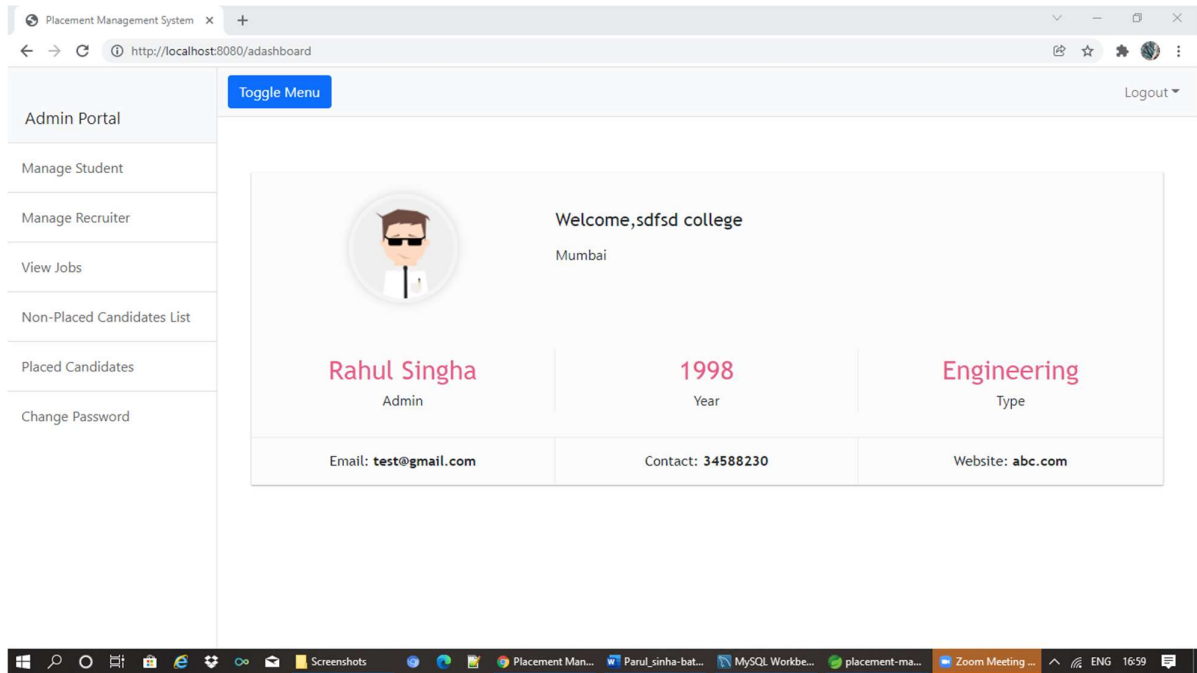
www.microsoft.com

Address

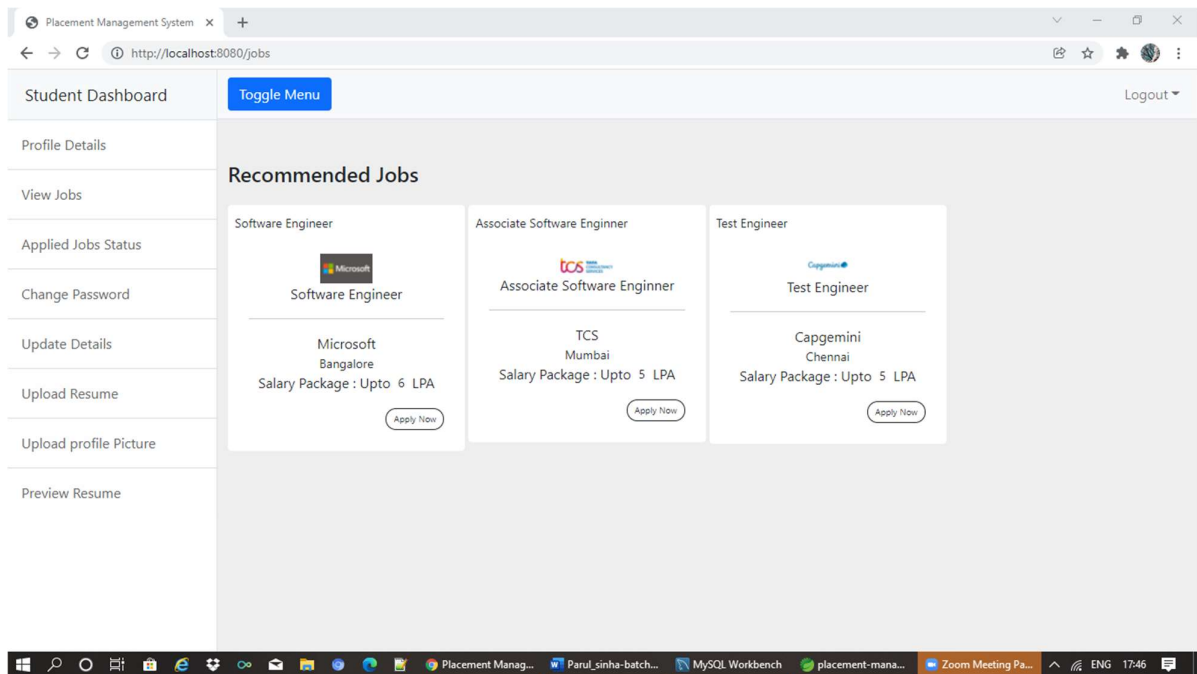
ABC road

Update Profile

- **Admin-Dashboard Page:**



- **Student-Job Page:**



- **Student-Applied Job Status Page:**

The screenshot shows a web browser window with the URL `http://localhost:8080/appliedjobs/1`. The page is titled "Student Portal" and has a sidebar with navigation links: Profile Details, View Jobs, Applied Jobs Status (selected), Change Password, Update Details, Upload Resume, Upload profile Picture, and Preview Resume. The main content area is titled "Applied Jobs Status" and shows "Showing: 1-20 of 200 result". Below this is a table with the following data:

Job Id	Company	Job Role	Location	Status	Recruiter Action
1	Microsoft	Software Engineer	Bangalore	Technical Round Scheduled	Selected for Technical round
2	TCS	Associate Software Engineer	Mumbai	HR Round Scheduled	Selected for HR round
3	Capgemini	Test Engineer	Chennai	Interview Done	Cleared with interview..

Below the table is a pagination control with links: « Previous, 1 (selected), 2, 3, 4, » Next.

- **Recruiter-Add New Job Dashboard Page:**

The screenshot shows a web browser window with the URL `http://localhost:8080/addnewjob`. The page is titled "Resruiter Portal" (note the typo) and has a sidebar with navigation links: Profile Details, View Jobs, Add New Job (selected), Check Applicant list, Change Password, Update Details, Search Candidate, and Upload Company Logo. The main content area is titled "Add New Job Details" and contains the following form fields:

- Job Role: Software Engineer
- Company: Microsoft
- Job Description: Java, Hibernate, HTML, CSS, Spring Boot
- Job Location: Mumbai
- Package: 5
- Job post Date: 05-12-2021
- Expiry Date: 25-12-2021

At the bottom of the form is a blue "Update Profile" button.

- **Recruiter-Add New Job Dashboard Page:**

The screenshot shows a web application interface for a recruiter. The sidebar on the left contains the following links: Recruiter Portal, Profile Details, View Jobs, Add New Job, Check Applicant list, Change Password, Update Details, Search Candidate, and Upload Company Logo. The main content area is titled 'Available Jobs' and displays a table with the following data:

Logo	Company	Job Role	Job Description	Location	Package(LPA)	Post Date	Expiry Date	Action
	Microsoft	Software Engineer	Java,HTML,CSS,Hibernate	Bangalore	6	2021-12-05	2021-12-19	Edit Delete
	TCS	Associate Software Engineer	Java,HTML,CSS	Mumbai	5	2021-12-02	2021-12-18	Edit Delete
	Capgemini	Test Engineer	Java,HTML,CSS	Chennai	5	2021-12-07	2021-12-24	Edit Delete

- **Recruiter-Details Update Page:**

The screenshot shows the 'Recruiter Details Update' page. The sidebar is identical to the previous page. The main content area is titled 'Recruiter Details Update' and contains the following form fields:

- Full Name:
- Email:
- Website:
- Company:
- Contact No:
- Address:

Below the form fields is a blue button labeled 'Update Profile'.

- **Admin-Manage Student Page:**

The screenshot shows the 'Admin-Manage Student Page' of a 'Placement Management System'. The browser address bar indicates the URL is `http://localhost:8080/smanage`. The sidebar on the left contains the following menu items: Admin Portal, Manage Student (highlighted), Manage Recruiter, View Jobs, Non-Placed Candidates List, Placed Candidates, and Change Password. The main content area is titled 'Registered Student List' and features a table with the following data:

Picture	Name	Course	Branch	Location	Grad(%)	Contact	Email	Resume	Action
	Pushpanjali	Java full Stack	computer Engg	ABC road	70.0	987654321	pushpa07@gmail.com	Download	Delete
	Alexa	computer	computer Engg	New road	65.0	987654321	alexa@gmail.com	Download	Delete

- **Admin-Manage Recruiter Page:**

The screenshot shows the 'Admin-Manage Recruiter Page' of the 'Placement Management System'. The browser address bar indicates the URL is `http://localhost:8080/rmanage`. The sidebar on the left contains the following menu items: Admin Portal, Manage Student, Manage Recruiter (highlighted), View Jobs, Non-Placed Candidates List, Placed Candidates, and Change Password. The main content area is titled 'Registered Recruiter List' and features a table with the following data:

Logo	Id	Name	Company	Contact	Email	Website	Action
	2	Jhon	Microsoft	1234567890	Jhon@gmail.com	www.microsoft.com	Delete

- **Admin-View Job List Page:**

The screenshot shows the 'Admin-View Job List Page' of the Placement Management System. The browser address bar indicates the URL is `http://localhost:8080/jmanage`. The left sidebar contains the 'Admin Portal' menu with options: Manage Student, Manage Recruiter, View Jobs, Non-Placed Candidates List, Placed Candidates, and Change Password. The main content area is titled 'Job List' and features a table with the following data:

ID	Company	Location	Salary	Post Date	Expiry Date	Action
1	Microsoft	Bangalore	6	2021-12-05	2021-12-19	Delete
2	TCS	Mumbai	5	2021-12-02	2021-12-18	Delete
3	Capgemini	Chennai	5	2021-12-07	2021-12-24	Delete

- **Admin-Placed Candidates Page:**

The screenshot shows the 'Admin-Placed Candidates Page' of the Placement Management System. The browser address bar indicates the URL is `http://localhost:8080/nonplacedlist`. The left sidebar contains the 'Admin Portal' menu with options: Manage Student, Manage Recruiter, View Jobs, Non-Placed Candidates List, Placed Candidates, and Change Password. The main content area is titled 'Placed Candidates' and features a table with the following data:

Student Id	Student Name	Company	Job Role	Location	Status
1	Pushpanjali	Microsoft	Software Engineer	Bangalore	Technical Round Scheduled
1	Pushpanjali	TCS	Associate Software Engineer	Mumbai	HR Round Scheduled
1	Pushpanjali	Capgemini	Test Engineer	Chennai	Interview Done
3	Alexa	Microsoft	Software Engineer	Bangalore	Applied
3	Alexa	TCS	Associate Software Engineer	Mumbai	Applied
3	Alexa	Capgemini	Test Engineer	Chennai	Applied

CONCLUSION:

In the existing Placement system, maximum work goes manually and it takes time for any changes in the system. In this presentation, we explained the system design, requirements, implementation and modules we have completed till now. In accessing the outcome of the system, we have come to the final conclusion that Online Placement Management System is more convenient than manual placement process.

Thank you