

FACULTY SELECTION PROCESS DATA MAINTENANCE

PROJECT REPORT

Submitted by

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is partial fulfilment of the requirements for the Course – 19CSE314 (Software Engineering)

**BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE AND
ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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BONAFIDE CERTIFICATE

This is to certify that the report entitled “Exam Alteration Helper” submitted by

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is partial fulfilment of the requirements for the award of grade in course –19CSE314 (Software Engineering) is a bonafide record of the work carried out at Amrita School of Engineering, Coimbatore.

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Course Faculty

Faculty Examiner

TABLE OF CONTENTS

SLNO	TOPIC	PAGE NO
1	Preview of The Project	
	Abstract	5
	Need & Motivation	5
	Tools and Technologies used	6
2	Software Requirements Specifications	
	User Story diagram	7
	Weekly Plan for Sprint 1	9
	Weekly Plan for Sprint 2	11
3	Product Backlog	
	Report of Product Backlog from JIRA	
	EPIC 1: Advertising	12
	EPIC 2: User registration	12
	EPIC 3: Application	13
	EPIC 4: Selection	13
	EPIC 5: Notify candidates	14
	JIRA screenshot	15
4	Diagrams	
	DFD	19
	Use Case Diagram	20
5	Scrum Activities	
	Sprint 1 stand-up notes	21
	Sprint 1 retrospective notes	21
	Burndown Charts based on Story Points for Sprint 1	22
	Sprint 2 stand up notes	22
	Sprint 2 retrospective notes	23
	Burndown Charts based on Story Points for Sprint 2	24
6	Implementation	24
7	Sample Code	
	Front End	25
	Back End	65
8	Software Engineering Tools Used	
	Static Code Testing	71
	Integration Testing	71
9	ScreenShots of Project	
	Front End	81
10	Conclusion	99

1. qPREVIEW OF THE PROJECT

1.1 ABSTRACT

The faculty selection process chooses the individuals who can most successfully perform the job from the pool of qualified candidates. Efficient selection of faculties is critical to a university's excellence.

The primary objective of the software is to create an automation system that will make the faculty selection process easy and reduce manual labour. The software manages the faculty recruitment processes by integrating them directly into the institutional portal and helps structure the screening, scheduling interviews, shortlisting, hiring, and on boarding processes. The functionalities of the system include selecting qualified applicants based on the eligibility criteria, displaying the candidate's application form and other documents during the selection process, sending invite emails to the eligible applicants with the schedule of technical interview followed by an HR interview if the candidate qualifies the first round. The applicants can log into the portals and manage their documents, track application status, jobs, positions, reports, and connect one-on-one with the recruiting team via emails and discussions. The system eliminates the disqualified applicants after each round and also sends updates to the selected and rejected candidates.

The goal of the project is to list down the final selected candidates based on their performance. The software helps universities gain insights into their recruitment and onboarding process with the complete data that helps improve future sourcing, interviews, and more.

1.2 Need&Motivation :

The primary objective of the software is to create an automation system that will make the faculty selection process easy and reduce manual labour. The software manages the faculty recruitment processes by integrating them directly into the institutional portal and helps structure the screening, scheduling interviews, shortlisting, hiring, and on boarding processes. It makes the work of the universities or institution easier.

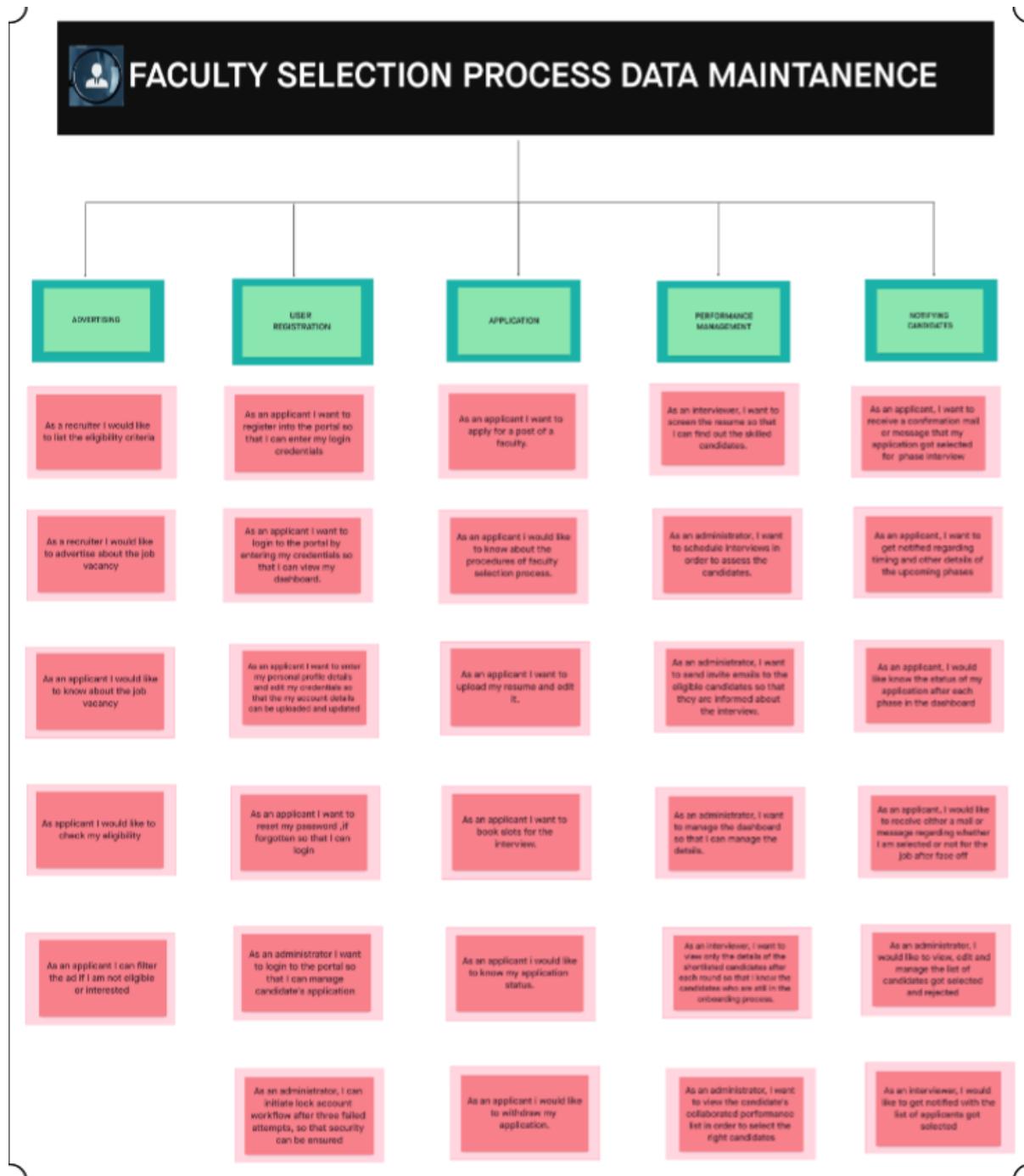
1.2 Tools and Technologies used:

- Visual Studio code
- XAMPP
- JIRA
- MySQL
- StarUML
- SonarQube
- Selenium

2. Software Requirements Specifications

2.1 User stories and Tasks flow diagram

https://swenggteam.invisionapp.com/freehand/FACULTY-RECRUITMENT--fLxD9acBE?dsid_h=0f7dfc79cbf984107ed7c1edcfda969e24b22ab5b901701b53a68ff7c1061910&uid_h=ac3c84e4e95500e4e5058bb18313b6be83548e41f472bbf1c52f7293edb91cf8



Roles for sprint 1

Name	Roll Numbers	Role for Sprint 1
Abhijith Shaji	CB.EN.U4CSE19102	Tester
Hrishikesh Menon	CB.EN.U4CSE19117	Scrum Master
R.Sneha Nair	CB.EN.U4CSE19139	Developer
Shrikarthik C R	CB.EN.U4CSE19146	Developer
Sithara J P	CB.EN.U4CSE19148	Developer

2.2 Weekly Plan for Sprint 1:

WEEK	Plan of action
1	Database Creation
2	Login screen UI creation and login by establishing a connection between app and database
3	Created a website for pop up ads and implemented pop up ad.
4	Created the admin page along with the registration page for the applicants and linked them.
5	Created the admin dashboard and planned the different activities on the admin's dashboard.
6	Gave Inputs on how to implement candidate notification

Roles for Sprint 2

Name	Roll Numbers	Role for Sprint 1
Abhijith Shaji	CB.EN.U4CSE19102	Tester
Hrishikesh Menon	CB.EN.U4CSE19117	Scrum Master
R.Sneha Nair	CB.EN.U4CSE19139	Devops
Shrikarthik C R	CB.EN.U4CSE19146	Developer
Sithara J P	CB.EN.U4CSE19148	Devops

2.3 Weekly Plan for Sprint 2:

WEEK	Plan of Action
1	Notification of candidate implemented
2	Implemented the mail server code into the software.
3	Completed the Database connection
4	Made updates in jira
5	Testing the UI using Selenium. Unit Testing using
6	Made Frontend More attractive

3. Product Backlog

Product Backlog

Epic 1 – ADVERTIZING

Epic 1 stories

- 1.1 As a recruiter I would like to list the eligibility criteria
- 1.2 As a recruiter I would like to advertise about the job vacancy
- 1.3 As an applicant I would like to know about the job vacancy
- 1.4 As applicant I would like to check my eligibility
- 1.5 As an applicant I can filter the ad if I am not eligible or interested

Epic 2 - USER REGISTRATION

Epic 2 stories

- 2.1 As an applicant I want to register into the portal so that I can enter my login credentials
- 2.2 As an applicant I want to login to the portal by entering my credentials so that I can view my dashboard.
- 2.3 As an applicant I want to enter my personal profile details and edit my credentials so that my account details can be uploaded and updated
- 2.4 As an applicant I want to reset my password, if forgotten so that I can login
- 2.5 As an administrator I want to login to the portal so that I can manage candidate's application

2.6 As an administrator, I can initiate lock account workflow after three failed attempts, so that security can be ensured

Epic 3 – APPLICATION

- 3.1 As an applicant I want to apply for a post of a faculty.
- 3.2 As an applicant i would like to know about the procedures of faculty selection process.
- 3.3 As an applicant I want to upload my resume and edit it.
- 3.4 As an applicant I want to book slots for the interview.
- 3.5 As an applicant I would like to know my application status.
- 3.6 As an applicant I would like to withdraw my application.

Epic 4 – PERFORMANCE MANAGEMENT

- 4.1 As an interviewer, I want to screen the resume so that I can find out the skilled candidates.
- 4.2 As an administrator, I want to schedule interviews in order to assess the candidates.
- 4.3 As an administrator, I want to send invite emails to the eligible candidates so that they are informed about the interview.
- 4.4 As an administrator, I want to manage the dashboard so that I can manage the details.
- 4.5 As an interviewer, I want to view only the details of the shortlisted candidates after each round so that I know the candidates who are still in the onboarding process.

4.6 As an administrator, I want to view the candidate's collaborated performance list in order to select the right candidates

Epic 5 - NOTIFYING CANDIDATES

5.1 As an applicant, I want to receive a confirmation mail or message that my application got selected for phase interview

5.2 As an applicant, I want to get notified regarding timing and other details of the upcoming phases

5.3 As an applicant, I would like know the status of my application after each phase in the dashboard

5.4 As an applicant, I would like to receive either a mail or message regarding whether I am selected

or not for the job after face off

5.5 As an administrator, I would like to view, edit and manage the list of candidates got selected and rejected

5.6 As an interviewer, I would like to get notified with the list of applicants got selected

3.1 Report of product backlog from JIRA for Sprint 1

Backlog	93 issues	Create Sprint
<input checked="" type="checkbox"/> ↑ BFSP-112 After the initial failed login attempt the user would be notified that 'you have only two attempts remaining'	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-103 Warn users before locking their account(multiple attempts)	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-98 Tell users if Caps Lock is on	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-106 Remember users when they return	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-107 Keep users logged in if preferred to	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-17 Send a confirmation email to the registered email id once registered	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-18 Consider offering social sign-in	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-113 After three failed attempts an email would be sent to user stating that 'you account has been blocked'	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-129 Then send a verification link to the entered email address	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-115 Send an email with a confirmation link in order to unlock their account	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-117 Implement an unblock webpage	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-120 The applicant must provide his login details	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-122 The administrator must verify the account and process unlock account	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-15 As an administrator, I can initiate lock account workflow after three failed attempts, so that security can be ensured.	User Registration	
<input checked="" type="checkbox"/> ↑ BFSP-34 Allows the applicants to choose the day and time slot for their interview	Selection	

<input checked="" type="checkbox"/> ↑ BFSP-33 The available day and time slots are displayed to the applicant.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-35 After choosing, the interviews are scheduled for the respective candidates.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-36 The interviewers are notified about the schedule via emails.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-37 The emails addresses of the candidates are organized for each role.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-38 Preformatted texts are available depending on the purpose of emails. The admin may choose the purpose as 'invite', 'reject', 'select', etc.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-39 The emails can be customized by the administrators.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-40 The emails can be analyzed in order to prevent them from landing in the spam.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-41 The scores of the candidates are updated.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-42 The cut-off marks for each round are decided by the interviewers.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-43 A candidate may view their application status as 'shortlisted' if qualified in the interview round or else as 'rejected'.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-3 As an interviewer, I want to screen the resume so that I can find out the skilled candidates.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-4 As an administrator, I want to schedule interviews in order to assess the candidates.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-5 As an administrator, I want to send invite emails to the eligible candidates so that they are informed about the interview.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-6 As a job seeker, I want to track my performance status after each round so that I know whether I'm still in the selection process.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-7 As an interviewer, I want to view only the details of the shortlisted candidates after each round so that I know the candidates who are still in the onboarding process.	Selection

<input checked="" type="checkbox"/> ↑ BFSP-8 As an administrator, I want to view the candidate's collaborated performance list in order to select the right candidates	Selection
<input checked="" type="checkbox"/> ↑ BFSP-162 Design a webpage which consists of the details of grade of all the candidates.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-163 The grades of the candidates will be sorted in descending order.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-164 The admin can choose the candidate with the highest grades.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-32 The shortlisted candidates' result is obtained.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-78 Candidates should receive notification on deleting the application.	Application
<input checked="" type="checkbox"/> ↑ BFSP-29 The resumes are organized for each role to prioritize the candidates they want to invite to the interview process.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-30 The best applicants for a role can be determined based on keyword search results or answers to specific questions.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-31 Resume screening filters applications based on skills, education, expertise as specified in the job description.	Selection
<input checked="" type="checkbox"/> ↑ BFSP-57 They should be able to view the descriptions of each post.	Application
<input checked="" type="checkbox"/> ↑ BFSP-67 Applicants should be able to see the available time slots.	Application
<input checked="" type="checkbox"/> ↑ BFSP-69 Applicants should be able to change the time slots.	Application
<input checked="" type="checkbox"/> ↑ BFSP-68 Applicants should be able to choose their time slots for interview	Application
<input checked="" type="checkbox"/> ↑ BFSP-73 Rejected Applicants should be notified.	Application
<input checked="" type="checkbox"/> ↑ BFSP-74 Applicants should be informed about the reason for rejection.	Application
<input checked="" type="checkbox"/> ↑ BFSP-70 Administrator should be able to re allot a slot if the chosen slot is not available.	Application

<input checked="" type="checkbox"/> ↑ BFSP-64 Applicants should be able to edit the submitted details.	Application
<input checked="" type="checkbox"/> ↑ BFSP-65 Applicants should be able to delete resumes.	Application
<input checked="" type="checkbox"/> ↑ BFSP-58 There should be details about the rounds of selection.	Application
<input checked="" type="checkbox"/> ↑ BFSP-60 Date and time of the selection procedures should be displayed.	Application
<input checked="" type="checkbox"/> ↑ BFSP-61 Venue of the Live interview should be given in prior.	Application
<input checked="" type="checkbox"/> ↑ BFSP-71 Candidates will be notified if their application is still in the processing state.	Application
<input checked="" type="checkbox"/> ↑ BFSP-72 Applicant should be able to know whether he is still in the selection process.	Application
<input checked="" type="checkbox"/> ↑ BFSP-127 If there is no vacancy/not eligible send a mail.	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-132 the administration office updates the candidate list.	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-134 The applicant acts accordingly on reaching the registration page.	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-89 As an applicant, I want to receive a confirmation mail or message that my application got selected for phase interview	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-110 Recruiter schedules the timing of next phase	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-111 Applicant receives mail regarding next phase	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-91 Implement the selection page using HTML, NodeJs, MySQL	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-109 Recruiter sends the next phase timing	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-124 awards and certifications	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-90 implement a mail page	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-92 the applicant sends a mail to the administration office	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-94 the administration office verifies the mail.	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-96 the administration office sends a response whether there is a vacancy	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-97 The applicant receives the message and acts accordingly.	Advertising
<input checked="" type="checkbox"/> ↑ BFSP-100 As an applicant, I want to get notified regarding timing and other details of the upcoming phases	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-119 Implement the selection page using HTML, NodeJs, MySQL	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-123 Recruiter schedules the timing of next phase	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-125 Recruiter sends the next phase timing	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-126 Applicant receives mail regarding next phase	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-101 As an applicant, I would like know the status of my application after each phase in the dashboard	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-135 Implement the selection page using HTML, NodeJs, MySQL	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-136 Applicant logs into his account	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-138 Applicant navigates to dashboard to view his/her application status	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-102 As an applicant, I would like to receive either a mail or message regarding whether I am selected or not for the job after face off	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-141 Implement the selection page using HTML, NodeJs, MySQL	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-142 Administrator updates the personal dashboard	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-143 Recruiter also notifies applicant through mail	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-144 If got selected the recruiter also send mail for further procedure to the applicant	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-104 As an administrator, I would like to view, edit and manage the list of candidates got selected and rejected	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-145 Implement the selection page using HTML, NodeJs, MySQL	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-146 Administrator views the applications received	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-147 Administrator sorts the application based selected and rejected	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-148 Administrator sends the sorted list to the recruiter	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-105 As an interviewer, I would like to get notified with the list of applicants got selected	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-149 Implement the selection page using HTML, NodeJs, MySQL	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-151 Administrator updates the interviewer dashboard	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-152 Recruiter sorts the applicant got selected	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-154 Recruiter notifies the applicants those got selected after each phase	NOTIFYING CANDID...
<input checked="" type="checkbox"/> ↑ BFSP-156 Recruiter also notifies the applicant got rejected	NOTIFYING CANDID...

3.1 Report of product backlog from JIRA for Sprint 2

The screenshot displays two identical Jira Sprint Reports for Sprint 2. The left column lists the backlog items, and the right column shows their status as tasks.

Issue Key	Description	Type	Priority	Status
BFSP-141 *	Implement the selection page using HTML, PHP, MySQL.	Task	Medium	DONE
BFSP-142 *	Administrator updates the personal dashboard	Task	Medium	DONE
BFSP-143 *	Recruiter also notifies applicant through mail	Task	Medium	DONE
BFSP-144 *	If got selected the recruiter also send mail for further procedure to the applicant	Task	Medium	DONE
BFSP-145 *	Implement the selection page using HTML,CSS,PHP, MySQL	Task	Medium	DONE
BFSP-146 *	Administrator views the applications received	Task	Medium	DONE
BFSP-147 *	Administrator sorts the application based selected and rejected	Task	Medium	DONE
BFSP-149 *	Implement the selection page using HTML, CSS,PHP, MySQL	Task	Medium	DONE
BFSP-152 *	Recruiter sorts the applicant got selected	Task	Medium	DONE
BFSP-154 *	Recruiter notifies the applicants those got selected after each phase	Task	Medium	DONE
BFSP-156 *	Recruiter also notifies the applicant got rejected	Task	Medium	DONE
BFSP-173 *	As an administrator, I can initiate lock account workflow after three failed attempts, so that security can be ensured	Story	Medium	DONE
BFSP-174 *	Allow administrator to login with registered email address	Task	Medium	DONE
BFSP-175 *	Let administrator see their password (if they want to)	Task	Medium	DONE
BFSP-176 *	Tell administrator if Caps Lock is on	Task	Medium	DONE
BFSP-177 *	Notify users if password or email address is incorrect	Task	Medium	DONE
BFSP-178 *	Remember when they return	Task	Medium	DONE
BFSP-179 *	verify the username password and if no error then let administrator login	Task	Medium	DONE

Jira Software Dashboards Projects Issues Boards Create Search Board Switch report

BFSP board Sprint Report

BFSP-105 *	As an admin, I would like to get notified with the list of applicants got selected	Story	Medium	DONE
BFSP-106 *	Remember users when they return	Task	Medium	DONE
BFSP-109 *	Recruiter sends the next phase timing	Task	Medium	DONE
BFSP-110 *	Recruiter schedules the timing of next phase	Task	Medium	DONE
BFSP-113 *	After three failed attempts an email would be sent to user stating that 'you account has been blocked'	Task	Medium	DONE
BFSP-115 *	In order to unlock their account Implement an unlock webpage	Task	Medium	DONE
BFSP-117 *	Implement an unlock webpage	Task	Medium	DONE
BFSP-119 *	Implement the selection page using HTML, PHP, MySQL	Task	Medium	DONE
BFSP-120 *	The applicant must provide his login details	Task	Medium	DONE
BFSP-122 *	The administrator must verify the account and process unlock account	Task	Medium	DONE
BFSP-123 *	Recruiter schedules the timing of next phase	Task	Medium	DONE
BFSP-124 *	awards and certifications	Task	Medium	DONE
BFSP-125 *	Recruiter sends the next phase timing	Task	Medium	DONE
BFSP-126 *	Applicant receives mail regarding next phase	Task	Medium	DONE
BFSP-132 *	the administration office updates the candidate list.	Task	Medium	DONE
BFSP-134 *	The applicant acts accordingly on reaching the registration page.	Task	Medium	DONE
BFSP-135 *	Implement the selection page using HTML, PHP, MySQL	Task	Medium	DONE
BFSP-136 *	Applicant logs into his account	Task	Medium	DONE
BFSP-138 *	Applicant navigates to dashboard to view his/her application status	Task	Medium	DONE

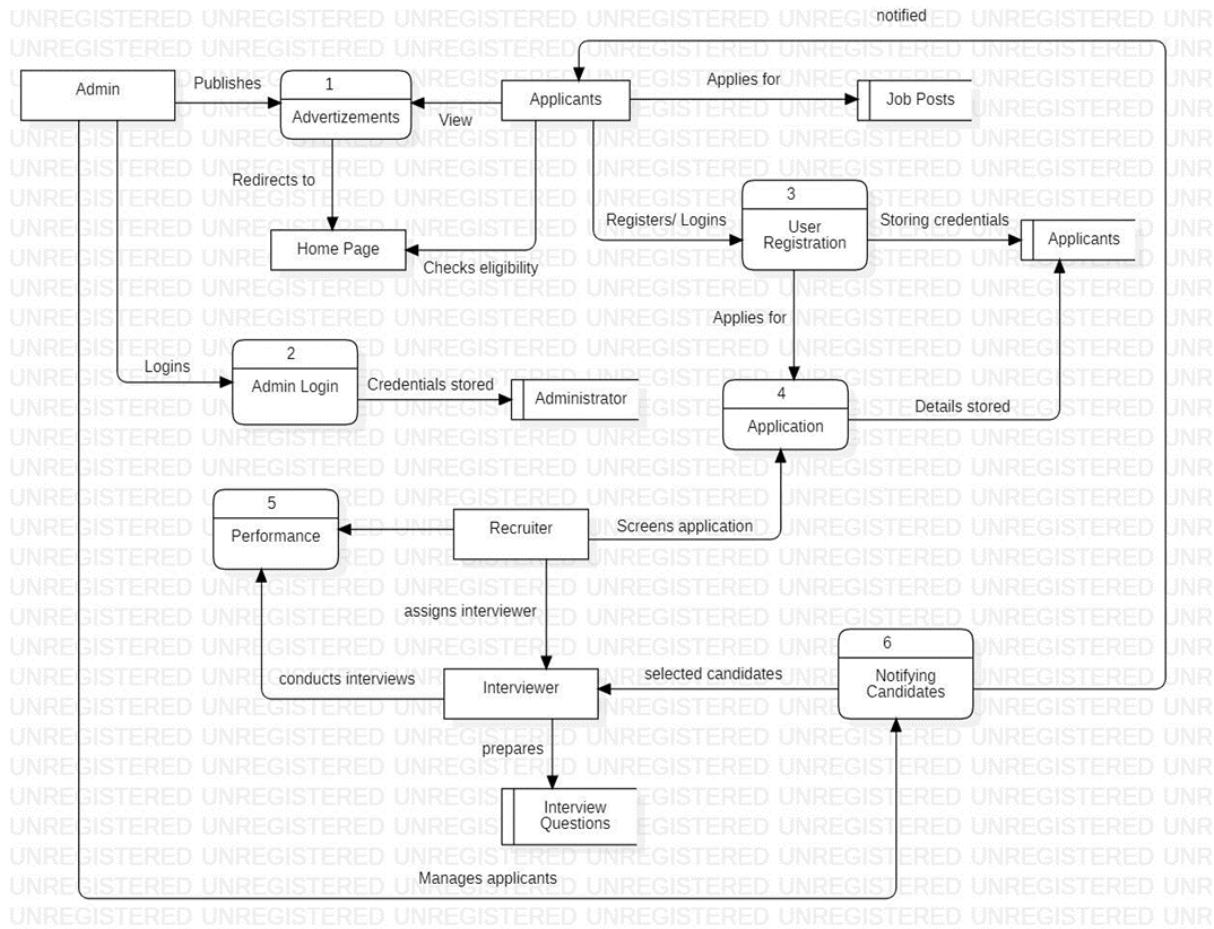
Jira Software Dashboards Projects Issues Boards Create Search Board Switch report

BFSP board Sprint Report

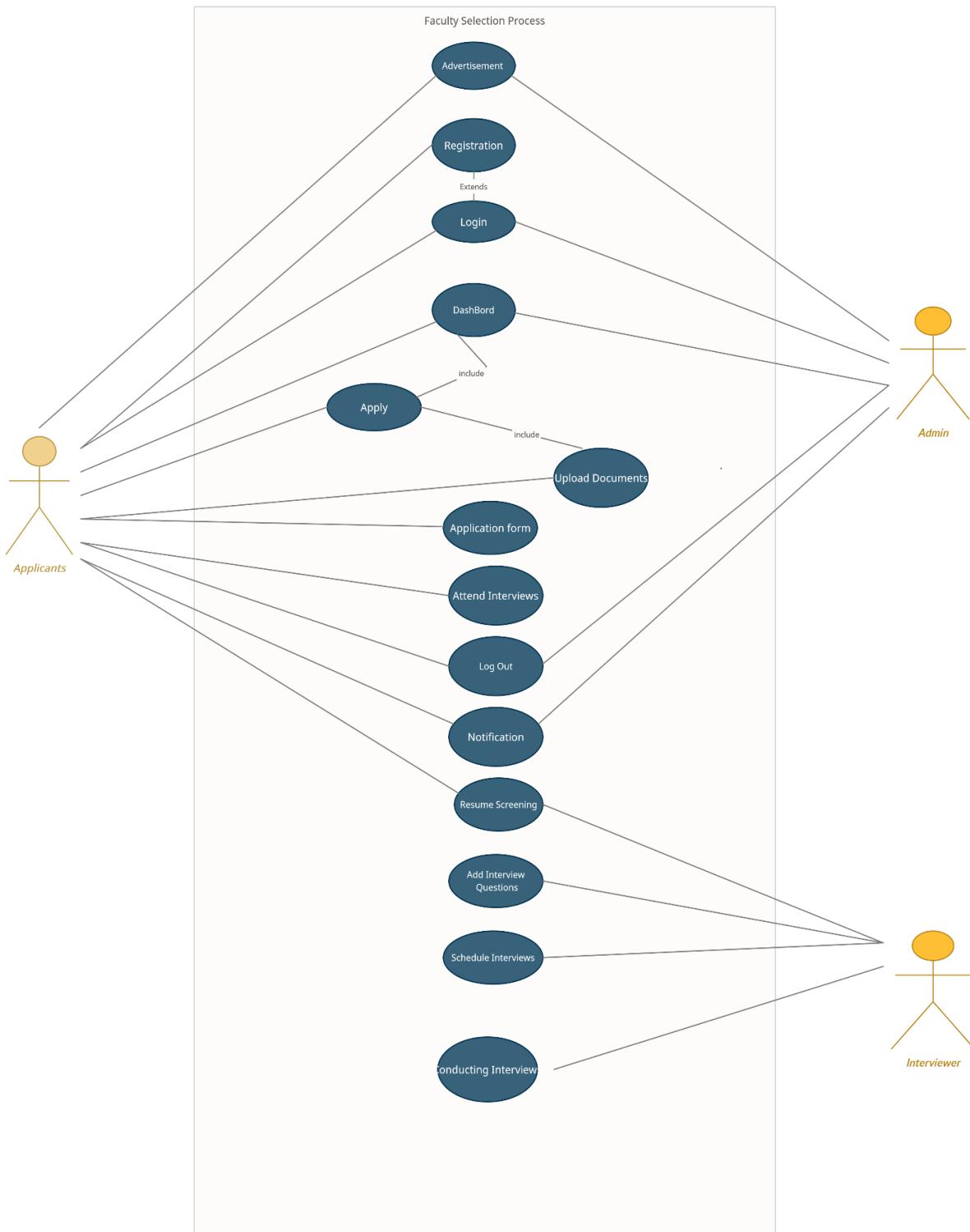
Completed Issues			
Key	Summary	Issue Type	Priority
BFSP-4 *	As an administrator, I want to schedule interviews in order to assess the candidates.	Story	Medium
BFSP-5 *	As an administrator, I want to send invite emails to the eligible candidates so that they are informed about the interview.	Story	Medium
BFSP-6 *	As a job seeker, I want to track my performance status after each round so that I know whether I'm still in the selection process.	Story	Medium
BFSP-7 *	As an interviewer, I want to view only the details of the shortlisted candidates after each round so that I know the candidates who are still in the onboarding process.	Story	Medium
BFSP-15 *	As an administrator, I can initiate lock account workflow after three failed attempts, so that security can be ensured.	Story	Medium
BFSP-17 *	Send a confirmation email to the registered email id once registered	Task	Medium
BFSP-35 *	After choosing, the interviews are scheduled for the respective candidates.	Task	Medium
BFSP-36 *	The interviewers are notified about the schedule via emails.	Task	Medium
BFSP-37 *	The emails addresses of the candidates are organized for each role.	Task	Medium
BFSP-38 *	Preformatted texts are available depending on the purpose of emails. The admin may choose the purpose as 'invite', 'reject', 'select', etc.	Task	Medium
BFSP-39 *	The emails can be customized by the administrators.	Task	Medium
BFSP-58 *	There should be details about the rounds of selection.	Task	Medium
BFSP-61 *	Venue of the Live interview should be given in prior.	Task	Medium
BFSP-64 *	Applicants should be able to edit the submitted details.	Task	Medium

4. Diagrams

4.1 Data Flow Diagram



4.2 Use Case Diagram



5. Scrum activities

5.1 Sprint 1 backlog sample

5.2 Sprint 1 stand-up notes

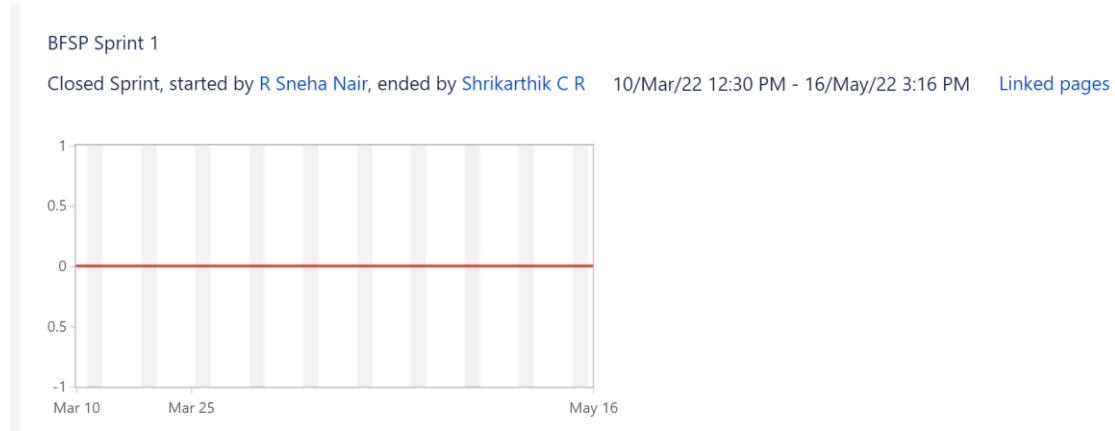
What all pics and stories we have planned we have finished it. We have encountered numerous bugs on the way like database connectivity , during integration testing etc. we have used the available resources and solved the bugs. On final note, trying could lead to errors , but with determination we can achieve the required product.

5.3 Sprint 1 retrospective notes

Sl.no	START	CONTINUE	STOP
1	UPDATION OF JIRA ACCOUNT REGULARLY	HAVING SCRUM MEETINGS TWICE A WEEK	HAVING SCRUM MEETING IN THE HOSTEL SINCE ONE PERSON IS NOT INVOLVED PROPERLY
2	UPDATING STATS REGULARLY	NOTING THE NUMBER OF STORY POINTS COMPLETED	DOING TESTING AFTER ALL COMPONENTS ARE INTEGRATED
3	DOING TESTING REGULARLY AFTER EVERY COMPONENT IS IMPLEMENTED	WORKING WITH THE SAME TEAM SPIRIT	STOP IRREGULAR STANDUPS

4	DRAWING DIAGRAMS FOR THE PROJECT	DOING INTEGRATION AS AND WHEN A COMPONENT IS IMPLEMENTED	EXAMS
5	STICKING TO DEADLINES	EXECUTING THE PROJECT AS PER WEEKLY PLAN	MAKING FREQUENT CHANGES IN PLAN

5.4 Burndown Charts based on Story Points for Sprint 1:



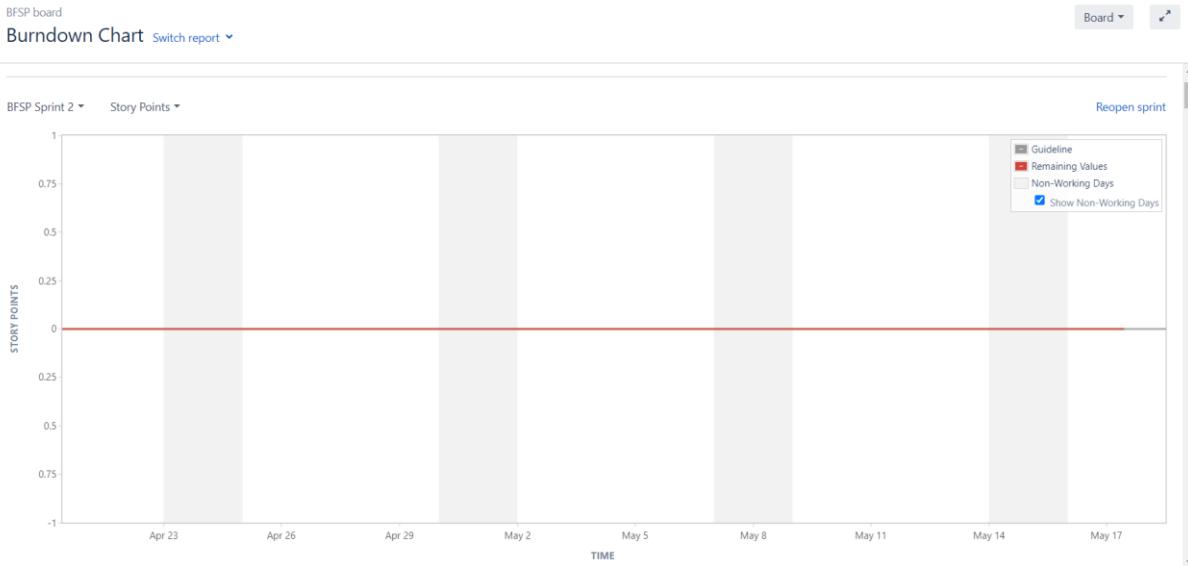
5.5 Sprint 2 standup notes

We made the connectivity between the frontend and backend. The UI is being developed. And we also solved and corrected numerous number of bugs. On a total we have achieved the final product and it was as per our plan.

5.6 Sprint 2 retrospective notes:

Sl.no	START	CONTINUE	STOP
1	UPDATION OF JIRA ACCOUNT REGULARLY	HAVING SCRUM MEETINGS TWICE A WEEK	HAVING SCRUM MEETING IN THE HOSTEL SINCE ONE PERSON IS NOT INVOLVED PROPERLY
2	UPDATING STATS REGULARLY	NOTING THE NUMBER OF STORY POINTS COMPLETED	DOING TESTING AFTER ALL COMPONENTS ARE INTEGRATED
3	DOING TESTING REGULARLY AFTER EVERY COMPONENT IS IMPLEMENTED	WORKING WITH THE SAME TEAM SPIRIT	STOP IRREGULAR STANDUPS
4	DRAWING DIAGRAMS FOR THE PROJECT	DOING INTEGRATION AS AND WHEN A COMPONENT IS IMPLEMENTED	EXAMS
5	STICKING TO DEADLINES	EXECUTING THE PROJECT AS PER WEEKLY PLAN	MAKING FREQUENT CHANGES IN PLAN

5.7 Burndown Charts based on Story Points for Sprint 2:



6. Implementation

We used mysql as our backend because of its responsive nature and its faster updates and php as our front end because of its responsive nature. The frontend UI was designed using Php, CSS and JavaScript. The Integration testing was done with the help of the Selenium tool, which automates and simulates the behaviour of a user moving or shifting through the webpage. Static code analysis was performed using SonarQube. We did the Continuous Integration with GitHub. We created a GitHub Repository for our Project, added each of our accounts to the contributors list and continuously updated the changes to the repository. For hosting purposes we used google cloud platform, because of its simplicity.

7. Code:

Advertising

```
<!DOCTYPE html>
<html>
<title>
    <h1>HIRING!!!!!!</h1>
</title>
<!--Google Fonts-->
<link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap"
rel="stylesheet">
<!--Stylesheets-->
<style media="screen">
    *,
    *:before,
    *:after {
        padding: 0;
        margin: 0;
        box-sizing: border-box;
    }

    body {
        background-color: #ae6008;
    }

    .popup {
        background-color: #b0bbbbbea;
        width: 420px;
        padding: 30px 40px;
        position: absolute;
        transform: translate(-50%, -50%);
        left: 50%;
        top: 50%;
        border-radius: 8px;
        font-family: "Poppins", sans-serif;
        display: none;
        text-align: center;
    }

    .popup button {
        display: block;
        margin: 0 0 20px auto;
        background-color: #11ecec7a;
        font-size: 30px;
    }
}
```

```

        color: #11ecec7a;
        background: #ae6008;
        border-radius: 100%;
        width: 40px;
        height: 40px;
        border: none;
        outline: none;
        cursor: pointer;
    }

.popup h2 {
    margin-top: -20px;
}

.popup p {
    font-size: 14px;
    text-align: justify;
    margin: 20px 0;
    line-height: 25px;
}

a {
    display: block;
    width: 150px;
    position: relative;
    margin: 10px auto;
    text-align: center;
    background-color: #0f72e5;
    border-radius: 20px;
    color: #ffffff;
    text-decoration: none;
    padding: 8px 0;
}

```

</style>

</head>

<body>

```

<div class="popup">
    <button id="close">&times;</button>
    <h2>WE ARE HIRINGGGG!!!!!!</h2>
    <p>
        <h3>Hiring for the post of a faculty in University of Houses.</h3>
        </p>
        <a class="btn btn-outline-light btn-lg px-4 col-md-3 text-center " href="http://localhost/trms/index.php">Apply here!!</a>
    </div>
    <!--Script-->

```

```

<script type="text/javascript">
    window.addEventListener("load", function () {
        setTimeout(
            function open(event) {
                document.querySelector(".popup").style.display = "block";
            },
            2000
        )
    });
}

document.querySelector("#close").addEventListener("click", function () {
    document.querySelector(".popup").style.display = "none";
});
</script>

<head>
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link
        href="https://fonts.googleapis.com/css2?family=Montserrat:wght@300&display=swap"
        rel="stylesheet">
    <style>
        body {
            background-color: rgb(224 223 221);
        }

        .nav {
            overflow: hidden;
            background-color: #000;
        }

        .nav a {
            background-color: #000;
            text-align: center;
            display: block;
            float: left;
            text-decoration: none;
            padding: 14px 16px 14px 20px;
            color: white;
        }

        .vns {
            text-align: inherit;
            padding: 30px 160px 30px 160px;
            background-color: rgb(232 213 163);
        }
    </style>

```

```

main {
    padding: 10px 190px 10px 190px;
}

footer {
    background-color: black;
    color: white;
    padding: 30px 0px 30px 60px;
}

small {
    color: white;
}

.l {
    font-size: 1.7em;
    font-family: 'Montserrat', sans-serif;
    line-height: 2.5rem;
    color: #333;
}

.Qoutes {
    font-size: 1.7rem;
    padding-top: 50px;
    font-family: 'Montserrat', sans-serif;
}

</style>
<meta charset="utf-8">
<title>WELCOME TO VARANASI TOURISM</title>
</head>

<body>
    <header>
        <h1 style="font-size: 32px; text-align: center; ">VARANASI
TOURISM</h1>
    </header>
    <nav>
        <div class="nav">
            <a href="varanasi_tourism.html">Home</a>
            <a href="temple.html">Temple</a>
            <a href="ghat.html">Ghat</a>
            <a href="rmg.html">Ramnagar Fort</a>
            <a href="sarnath.html">Sarnath</a>
        </div>
    </nav>
    <main>
        <div class="vns">

```

```

<div class="img">
    
</div>
<div class="Quotes">
    <b><i><q>The Spiritual Capital of India</q></i></b>
</div>
<div class="l">
    <h3>Varanasi Tourism</h3>
    <p>World's oldest living city, Varanasi - also known as Kashi (City of Life) and Benaras, is the spiritual capital of India. It is one of Hinduism's seven holy cities. The old city of Varanasi lies along the western banks of the Ganges, spread across a labyrinth of narrow galis. Be prepared to walk on foot and encounter some holy cows! Temples at almost every turn engulf Varanasi but the <a href="temple.html" style="text-decoration: none; color: blue;">Kashi Vishwanath Temple</a> is the most visited and the oldest of the lot. Benaras is known as the city of Lord Shiva for a reason, and rightfully so.</p>
    <p>Varanasi is considered an auspicious place to die, as it is believed to grant moksha or liberation from the cycle of life and death. Spiritually enlightening, the heart of the city pulsates around the ghats, about 80 of which border the Ganges. Be prepared for the sights, sounds and smells! Don't miss out on the hot chaat and cool lassi. Though, all chaos and noise on the ghats take a pause before dusk when the Ganga Aarti begins to take place, a ceremony of immense grandeur.</p>
    <p>This divine city is also an important destination for Buddhists. Gautam Buddha preached his first sermon in Benaras, a part which is now in <a href="sarnath.html" style="text-decoration: none; color: blue;">Sarnath.</a></p>
</div>
</main>
<footer>
    <small style="text-align: left;">&copy; VARANASI TOURISM 2021. ALL RIGHTS ARE RESERVED</small>
    <a href="varanasi tourism.html" style="text-decoration: none; color: white; padding: 30px 30px 30px 890px; "><b>Home</b></a>

```

```
</footer>

</body>

</html>
```

Admin

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['trmsaid']==0)) {
    header('location:logout.php');
} else{
    if(isset($_POST['submit']))
    {

$trmsaid=$_SESSION['trmsaid'];

$subjects=$_POST['subjects'];

$sql="insert into tblsubjects(Subject)values(:subjects)";
$query=$dbh->prepare($sql);
$query->bindParam(':subjects',$subjects,PDO::PARAM_STR);
$query->execute();
$LastInsertId=$dbh->lastInsertId();
if ($LastInsertId>0) {
echo '<script>alert("Subject has been added.")</script>';
echo "<script>window.location.href ='manage-subjects.php'</script>";
} else{
    echo '<script>alert("Something Went Wrong. Please try again")</script>';
}
}
?>

<!doctype html>
<html class="no-js" lang="en">

<head>

<title>FSP Add Subject</title>

<link rel="apple-touch-icon" href="apple-icon.png">
```

```

<link rel="stylesheet" href="../vendors/bootstrap/dist/css/bootstrap.min.css">
<link rel="stylesheet" href="../vendors/font-awesome/css/font-
awesome.min.css">
<link rel="stylesheet" href="../vendors/themify-icons/css/themify-icons.css">
<link rel="stylesheet" href="../vendors/flag-icon-css/css/flag-icon.min.css">
<link rel="stylesheet" href="../vendors/selectFX/css/cs-skin-elastic.css">

<link rel="stylesheet" href="../assets/css/style.css">

<link href='https://fonts.googleapis.com/css?family=Open+Sans:400,600,700,800'
rel='stylesheet' type='text/css'>

</head>

<body>
    <!-- Left Panel -->

    <?php include_once('includes/sidebar.php');?>

    <div id="right-panel" class="right-panel">

        <!-- Header-->
        <?php include_once('includes/header.php');?>

        <div class="breadcrumbs">
            <div class="col-sm-4">
                <div class="page-header float-left">
                    <div class="page-title">
                        <h1>Job Post Details</h1>
                    </div>
                </div>
            </div>
            <div class="col-sm-8">
                <div class="page-header float-right">
                    <div class="page-title">
                        <ol class="breadcrumb text-right">
                            <li><a href="dashboard.php">Dashboard</a></li>
                            <li><a href="add-subjects.php">Job Post
Details</a></li>
                                <li class="active">Add</li>
                            </ol>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

<div class="content mt-3">
    <div class="animated fadeIn">

        <div class="row">
            <div class="col-lg-6">
                <!-- .card -->

            </div>
            <!--/.col-->

            <div class="col-lg-12">
                <div class="card">
                    <div class="card-header"><strong>Job
Post</strong><small> Details</small></div>
                    <form name="" method="post" action="">

                        <div class="card-body card-block">

                            <div class="form-group"><label for="company"
class=" form-control-label">Job Post Name</label><input type="text"
name="subjects" value="" class="form-control" id="subjects" required="true"></div>
                            <p style="text-align:
center;"><button type="submit" class="btn btn-primary btn-sm" name="submit"
id="submit">
                                <i class="fa fa-dot-circle-o"></i> Add
                            </button></p>

                        </div>
                        </form>
                    </div>

                </div>
                <!-- .animated -->
            </div><!-- .content -->
        </div><!-- /#right-panel -->
        <!-- Right Panel -->

        <script
src="..../vendors/jquery/dist/jquery.min.js"></script>
        <script
src="..../vendors/popper.js/dist/umd/popper.min.js"></script>

```

```

        <script src="../vendors/jquery-validation/dist/jquery.validate.min.js"></script>
            <script src="../vendors/jquery-validation-unobtrusive/dist/jquery.validate.unobtrusive.min.js"></script>
            <script src="../vendors/bootstrap/dist/js/bootstrap.min.js"></script>
                <script src="../assets/js/main.js"></script>
</body>
</html>
<?php } ?>
```

Main page

```

<?php include_once('includes/dbconnection.php');
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
        <meta name="description" content="" />
        <meta name="author" content="" />
        <title>Teachers Record Management System</title>
        <link rel="icon" type="image/x-icon" href="assets/favicon.ico" />
        <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.5.0/font/bootstrap-icons.css" rel="stylesheet" />
        <link href="css/styles.css" rel="stylesheet" />
    </head>
    <body class="d-flex flex-column h-100">
        <main class="flex-shrink-0">
<?php include_once('includes/header.php'); ?>
            <header class="bg-dark py-5">
                <div class="container px-5">
```

```
<div class="row gx-5 align-items-center justify-content-center">
    <div class="col-lg-8 col-xl-7 col-xxl-6">
        <div class="my-5 text-center text-xl-start">
            <h1 class="display-5 fw-bolder text-white mb-2">Faculty
Recruitment!!</h1>
            <div class="d-grid gap-3 d-sm-flex justify-content-sm-center justify-content-xl-start" style="margin-top:5%;">
                <a class="btn btn-primary btn-lg px-4 me-sm-3"
href="teacher/signup.php">Applicant Signup/Registration</a>
                <a class="btn btn-outline-light btn-lg px-4"
href="teacher/index.php">Applicant Login</a>
            </div>
        </div>
    </div>
<div class="col-xxl-6 d-none d-xl-block text-center"></div>
<br>
<a class="btn btn-outline-light btn-lg px-4 col-md-3 text-center "
href="eligibility.php">Check Eligibility</a>
</div>
</div>
</header>
</main>
<?php include_once('includes/footer.php'); ?>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
<script src="js/scripts.js"></script>
</body>
</html>
```

Eligibility page

```
<?php
session_start();
if (isset($_POST['submit'])) {
    eligible();
}
function eligible()
{
    $job = $_POST['Application for'];
    $experience = $_POST['teachingexp'];
    $graduation = $_POST['graduation'];
    $country = $_POST['Citizenship'];
    intval($experience);
    intval($graduation);
    if (strcmp($job, "Physics")) {
        if ($experience >= 2 && $graduation >= 60 && strcmp($country, "India"))
            echo("<script LANGUAGE='JavaScript'>
                window.alert('You are eligible to apply');
                window.location.href='teacher/signup.php';
            </script>");
        else
            echo("<script LANGUAGE='JavaScript'>
                window.alert('You are not eligible to apply');
                window.location.href='index.php';
            </script>");
    }
    else {
        if ($experience >= 4 && $graduation >= 80 && strcmp($country, "India"))
            echo("<script LANGUAGE='JavaScript'>
                window.alert('You are eligible to apply');
                window.location.href='teacher/signup.php';
            </script>");
```

```

echo("<script LANGUAGE='JavaScript'>
    window.alert('You are eligible to apply');
    window.location.href='teacher/signup.php';
</script>");

else
echo("<script LANGUAGE='JavaScript'>
    window.alert('You are not eligible to apply');
    window.location.href='index.php';
</script>");

}

}

?>

<!doctype html>
<html class="no-js" lang="en">
<head>
    <title>Eligibility</title>
    <link rel="stylesheet" href="../vendors/bootstrap/dist/css/bootstrap.min.css">
    <link rel="stylesheet" href="../vendors/font-awesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="../vendors/themify-icons/css/themify-icons.css">
    <link rel="stylesheet" href="../vendors/flag-icon-css/css/flag-icon.min.css">
    <link rel="stylesheet" href="../vendors/selectFX/css/cs-skin-elastic.css">
    <link rel="stylesheet" href="../assets/css/style.css">
    <link href='https://fonts.googleapis.com/css?family=Open+Sans:400,600,700,800'
rel='stylesheet' type='text/css'>
</head>
<body>
<form name="" method="post" action="" enctype="multipart/form-data">
    <fieldset>
        <legend>Job</legend><br>
        <label>
            Apply for *

```

```

<select name="Application for" required>
    <option>Physics</option>
    <option>Computer science</option>
</select>
</label>
</fieldset>
<br>
<fieldset>
    <br>
    <legend>Personal data</legend>
    <div class="two-cols">
        <label>First name * <input type="text" name="First name" required></label><br><br>
        <label> Last name * <input type="text" name="Last name" required> </label>
        <br>
        </div>
        <br>
        <div class="two-cols">
            <label>Citizenship * <input type="text" name="Citizenship" required="true"></label><br><br>
            <label>Date of birth<input type="date" name="Date of birth"></label><br><br>
        </div>
        <div class="two-cols">
            <label>Teaching Experience (in Years) * <input type="text" name="teachingexp" pattern="[0-9]+> required="true"></label><br><br>
            <label>Graduation percentage * <input type="text" name="graduation" pattern="[0-9]+> required="true"> %</label><br><br>
        </div>
        <div class="two-cols">
            <label>Phone * <input type="tel" name="Phone" required></label><br><br>

```

```

<label>Email address * <input type="email" name="Email"
required></label><br><br>
</div>
</fieldset>
<br>
<fieldset>
<legend>Application documents</legend>
<input type="hidden" name="MAX_FILE_SIZE" value="10485760"><br>
<div class="two-cols">
<label>
    Application letter
    <input type="file" name="Application letter" accept=".doc,.docx,.pdf">
</label><br><br>
<label>
    Resume upload
    <input type="file" name="resume upload" accept=".doc,.docx,.pdf">
</label><br>
</div>
<p>Possible file types: DOC, PDF. Maximum file size: 10 MB.</p>
</fieldset>
<br>
<div class="btns"><input type="submit" name="submit", value="Check
Eligibility"></div>
</form>
<script src="../vendors/jquery/dist/jquery.min.js"></script>
<script src="../vendors/popper.js/dist/umd/popper.min.js"></script>
<script src="../vendors/bootstrap/dist/js/bootstrap.min.js"></script>
<script src="../assets/js/main.js"></script>
</body>
</html>

```

Registration page

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
//code for Signp
if (isset($_POST['submit'])) {
    echo("<script LANGUAGE='JavaScript'>
        window.alert('Thank you for registering');
        window.location.href='index.php';
    </script>");
    $fname = $_POST['fname'];
    $emailid = $_POST['emailid'];
    $phoneno = $_POST['mobilenumber'];
    $password = md5($_POST['password']);
    $query = $dbh->prepare("SELECT ID FROM tblteacher WHERE Email=$emailid and
MobileNumber=$phoneno");
    $query->bindParam('phoneno', $phoneno, PDO::PARAM_INT);
    $query->bindParam(':password', $password, PDO::PARAM_STR);
    $query->execute();
    $results = $query->fetchAll(PDO::FETCH_OBJ);
    if ($query->rowCount() > 0) {
        echo "<script>alert('Email id or Mobile no already registered with another
account.');//</script>";
        echo "<script type='text/javascript'> document.location ='signup.php'; </script>";
    }
    else
{
```

```

$sql = "insert into
tblteacher(Name,Email,MobileNumber,password)values(:fname,:emailid,:phoneno,:password)";
$query = $dbh->prepare($sql);
$query->bindParam(':fname', $fname, PDO::PARAM_STR);
$query->bindParam(':emailid', $emailid, PDO::PARAM_STR);
$query->bindParam(':phoneno', $phoneno, PDO::PARAM_STR);
$query->bindParam(':password', $password, PDO::PARAM_STR);
$query->execute();      $LastInsertId = $dbh->lastInsertId();

if ($LastInsertId > 0) {
    echo '<script>alert("Registered successfully")</script>';
    echo "<script>window.location.href ='index.php'</script>";
}

Else
{
    echo '<script>alert("Something Went Wrong. Please try again")</script>';
}

}
}

?>

<!doctype html>
<html class="no-js" lang="en">
<head>
    <title>house Admin Login</title>
    <link rel="apple-touch-icon" href="apple-icon.png">
    <link rel="stylesheet" href="../vendors/bootstrap/dist/css/bootstrap.min.css">
    <link rel="stylesheet" href="../vendors/font-awesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="../vendors/themify-icons/css/themify-icons.css">
    <link rel="stylesheet" href="../vendors/flag-icon-css/css/flag-icon.min.css">
    <link rel="stylesheet" href="../vendors/selectFX/css/cs-skin-elastic.css">
    <link rel="stylesheet" href="css\styles.css">

```

```

<link href='https://fonts.googleapis.com/css?family=Open+Sans:400,600,700,800'
rel='stylesheet' type='text/css'>
</head>
<body class="bg-dark" style=" background-image: url('images/back.jpeg');">
<div class="sufee-login d-flex align-content-center flex-wrap" >
<div class="container">
<div class="login-content">
<div class="login-logo">
<h1 style="color:black;font-weight:bold"> Applicant Registration </h1>
<hr color="blue"/>
</div>
<div class="login-form">
<form action="" method="post" name="login">
<div class="form-group">
<label>Applicant Full Name</label>
<input type="text" class="form-control" placeholder="Full Name"
required="true" name="fname">
</div>
<div class="form-group">
<label>Email Id</label>
<input type="email" class="form-control" placeholder="Email id"
required="true" name="emailid">
</div>
<div class="form-group">
<label>Mobile Number</label>
<input type="text" class="form-control" placeholder="Mobile Number"
maxlength="10" pattern="[0-9]{10}" title="10 numeric characters only" required="true"
name="mobileno">
</div>
<div class="form-group">
<label>Password</label>

```

```
<input type="password" class="form-control"
placeholder="Password" name="password" required="true">
</div>
<button type="submit" class="btn btn-success btn-flat m-b-30 m-t-30"
name="submit">Sign Up</button>
<div class="checkbox" >
<label class="pull-left">
<a href="index.php">Back Home!!</a>
<label class="pull-right">
<a href="index.php" style="padding-left: 250px">Already
Registered!! Login Here</a>
</label>
</div>
</form>
</div>
</div>
</div>
<script src="../vendors/jquery/dist/jquery.min.js"></script>
<script src="../vendors/popper.js/dist/umd/popper.min.js"></script>
<script src="../vendors/bootstrap/dist/js/bootstrap.min.js"></script>
<script src="../assets/js/main.js"></script>
</body>
</html>
```

Login page

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (isset($_POST['login'])) {
    $username = $_POST['username'];
    $password = md5($_POST['password']);
    $sql = "SELECT ID,Name FROM tblteacher WHERE (Email=:username ||
MobileNumber=:username) and password=:password";
    $query = $dbh->prepare($sql);
    $query->bindParam(':username', $username, PDO::PARAM_STR);  $query-
>bindParam(':password', $password, PDO::PARAM_STR);
    $query->execute();
    $results = $query->fetchAll(PDO::FETCH_OBJ);
    if ($query->rowCount() > 0)
    {
        foreach ($results as $result) {      $_SESSION['trmsuid'] = $result->ID;
$_SESSION['trmstname'] = $result->Name;      }
        echo "<script type='text/javascript'> document.location ='dashboard.php'; </script>";
    }
    else {      echo "<script>alert('Invalid Details');</script>";  }
}
?>
<!doctype html>
<html class="no-js" lang="en">
<head>
    <title>TRMS Admin Login</title>
    <link rel="apple-touch-icon" href="apple-icon.png">
    <link rel="stylesheet" href="../vendors/bootstrap/dist/css/bootstrap.min.css">
```

```

<link rel="stylesheet" href="../vendors/font-awesome/css/font-awesome.min.css">
<link rel="stylesheet" href="../vendors/themify-icons/css/themify-icons.css">
<link rel="stylesheet" href="../vendors/flag-icon-css/css/flag-icon.min.css">
<link rel="stylesheet" href="../vendors/selectFX/css/cs-skin-elastic.css">
<link rel="stylesheet" href="css\styles.css">
<link href='https://fonts.googleapis.com/css?family=Open+Sans:400,600,700,800'
rel='stylesheet' type='text/css'>

</head>
<body class="bg-dark" style=" background-image: url('images/cool-background.jpeg');">
<div class="sufee-login d-flex align-content-center flex-wrap" >
<div class="container">
<div class="login-content">
<div class="login-logo">
<h1 style="color:black;font-weight:bold">Faculty Recruitment System </h1>
<hr color="blue"/>
</div>
<div class="login-form">
<form action="" method="post" name="login">
<div class="form-group">
<label>Email Id / Mobile Number</label>
<input type="text" class="form-control" placeholder="Email id / Mobile
Number" required="true" name="username">
</div>
<div class="form-group">
<label>Password</label>
<input type="password" class="form-control"
placeholder="Password" name="password" required="true">
</div>
<div class="checkbox">
<label class="pull-left">
<a href="../index.php">Back Home!!</a>

```

```
<label class="pull-right">
    <a href="forgot-password.php" style="padding-left: 250px">Forgot
    Password?</a>
</label>
</div>
<button type="submit" class="btn btn-success btn-flat m-b-30 m-t-30"
name="login">Sign in</button>
<hr />
<p style="color:blue">Not Registered Yet | <a
href="signup.php">Signup Here</a></p>
</form>
</div>
</div>
</div>
</div>
<script src="../vendors/jquery/dist/jquery.min.js"></script>
<script src="../vendors/popper.js/dist/umd/popper.min.js"></script>
<script src="../vendors/bootstrap/dist/js/bootstrap.min.js"></script>
<script src="../assets/js/main.js"></script>
</body>
</html>
```

Application Page

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['trmsaid']==0)) {
    header('location:logout.php');
}
else
{
    if(isset($_POST['submit']))
    {
        $trmsaid=$_SESSION['trmsaid'];
        $tname=$_POST['tname'];
        $email=$_POST['email'];
        $mobnum=$_POST['mobilenumber'];
        $address=$_POST['address'];
        $quali=$_POST['qualifications'];
        $tsubjects=$_POST['tsubjects'];
        $tdate=$_POST['joiningdate'];
        $teachingexp=$_POST['teachingexp'];
        $description=$_POST['description'];
        $propic=$_FILES["propic"]["name"];
        $query=$dbh->prepare("SELECT * from tblteacher where Email='$email' ||
MobileNumber='$mobnum'");
        $query->execute();
        $results=$query->fetchAll(PDO::FETCH_OBJ);
        if($query->rowCount() > 0)
        {

```

```

echo "<script>alert('This email or Contact Number already associated with another account');</script>";
echo "<script>window.location.href='add-teacher.php'</script>";
}else{
$extension = substr($propic,strlen($propic)-4,strlen($propic));
$allowed_extensions = array(".jpg","jpeg",".png",".gif");
if(!in_array($extension,$allowed_extensions))
{
echo "<script>alert('Profile Pics has Invalid format. Only jpg / jpeg/ png /gif format allowed');</script>";
}
else
{
$propic=md5($propic).time().$extension;
move_uploaded_file($_FILES["propic"]["tmp_name"],"../teacher/images/".$propic);
$sql="insert into
tblteacher(Name,Picture,Email,MobileNumber,Qualifications,Address,TeacherSub,JoiningDate,teachingExp,description)values(:tname,:tpics,:email,:mobilenum,:qualifications,:address,:tsubjects,:joiningdate,:teachingexp,:description)";
$query=$dbh->prepare($sql);
$query->bindParam(':tname',$tname,PDO::PARAM_STR);
$query->bindParam(':tpics',$propic,PDO::PARAM_STR);
$query->bindParam(':email',$email,PDO::PARAM_STR);
$query->bindParam(':qualifications',$quali,PDO::PARAM_STR);
$query->bindParam(':mobilenum',$mobnum,PDO::PARAM_STR);
$query->bindParam(':address',$address,PDO::PARAM_STR);
$query->bindParam(':tsubjects',$tsubjects,PDO::PARAM_STR);
$query->bindParam(':joiningdate',$tdate,PDO::PARAM_STR);
$query->bindParam(':teachingexp',$teachingexp,PDO::PARAM_STR);
$query->bindParam(':description',$description,PDO::PARAM_STR);
$query->execute();
}

```

```

$LastInsertId=$dbh->lastInsertId();

if ($LastInsertId>0) {
echo '<script>alert("Teacher Detail has been added.")</script>';
echo "<script>window.location.href ='manage-teacher.php'</script>";
}else{
echo '<script>alert("Something Went Wrong. Please try again")</script>';
    }}
}

}

?>

<!doctype html>
<html class="no-js" lang="en">
<head>
    <title>TRMS Add Teachers</title>
    <link rel="apple-touch-icon" href="apple-icon.png">
    <link rel="stylesheet" href="../vendors/bootstrap/dist/css/bootstrap.min.css">
    <link rel="stylesheet" href="../vendors/font-awesome/css/font-awesome.min.css">
    <link rel="stylesheet" href="../vendors/themify-icons/css/themify-icons.css">
    <link rel="stylesheet" href="../vendors/flag-icon-css/css/flag-icon.min.css">
    <link rel="stylesheet" href="../vendors/selectFX/css/cs-skin-elastic.css">
    <link rel="stylesheet" href="../assets/css/style.css">
    <link href='https://fonts.googleapis.com/css?family=Open+Sans:400,600,700,800'
rel='stylesheet' type='text/css'>
</head>
<body>
    <?php include_once('includes/sidebar.php');?>
    <div id="right-panel" class="right-panel">
        <?php include_once('includes/header.php');?>
        <div class="breadcrumbs">
            <div class="col-sm-4">
                <div class="page-header float-left">

```

```

<div class="page-title">
    <h1>Teacher Details</h1>
    </div>
</div>
<div class="col-sm-8">
    <div class="page-header float-right">
        <div class="page-title">
            <ol class="breadcrumb text-right">
                <li><a href="dashboard.php">Dashboard</a></li>
                <li><a href="add-teacher.php">Teacher Details</a></li>
                <li class="active">Add</li>
            </ol>
        </div>
    </div>
</div>
<div class="content mt-3">
    <div class="animated fadeIn">
        <div class="row">
            <div class="col-lg-6">
                <div class="card">
                    <div class="card-header"><strong>Teacher </strong><small> Personal
Details </small></div>
                    <form name="" method="post" action="" enctype="multipart/form-
data">
                        <div class="card-body card-block">
                            <div class="form-group"><label for="company" class=" form-control-
label">Teacher Name</label><input type="text" name="tname" value="" class="form-
control" id="tname" required="true"></div>

```

```
<div class="form-group"><label for="company" class=" form-control-label">Teacher Pic</label><input type="file" name="propic" value="" class="form-control" id="propic" required="true"></div>

<div class="form-group"><label for="street" class=" form-control-label">Teacher Email ID</label><input type="text" name="email" value="" id="email" class="form-control" required="true"></div>

<div class="row form-group">
<div class="col-12">
<div class="form-group"><label for="city" class=" form-control-label">Teacher Mobile Number</label><input type="text" name="mobilenumber" id="mobilenumber" value="" class="form-control" required="true" maxlength="10" pattern="[0-9]+></div>
</div>
</div>
<div class="row form-group">
</div>
<div class="row form-group">
<div class="col-12">
<div class="form-group"><label for="city" class=" form-control-label">Teacher Address</label><textarea type="text" name="address" id="address" value="" class="form-control" rows="4" cols="12" required="true"></textarea></div>
</div>
</div>
</div>
</div>

<div class="col-lg-6">
<div class="card">
<div class="card-header"><strong>Teacher </strong><small>
Proefessional Details</small></div>
<div class="card-body card-block">
```

```

<div class="row form-group">
    <div class="col-12">
        <div class="form-group"><label for="city" class=" form-control-label">Teacher Qualifications(Sepereted by comma)</label><input type="text" name="qualifications" id="qualifications" value="" class="form-control" required="true"></div>
        </div>
    </div>

<div class="row form-group">
    <div class="col-12">
        <div class="form-group">
            <label for="city" class=" form-control-label">Teaching Experience (in Years)</label>
            <input type="text" name="teachingexp" id="teachingexp" pattern="[0-9]+" title="only numbers" class="form-control" required="true">
        </div>
        </div>
    </div>

<div class="row form-group">
    <div class="col-12">
        <div class="form-group"><label for="city" class=" form-control-label">Teacher Subjects</label><select type="text" name="tsubjects" id="tsubjects" value="" class="form-control" required="true">
            <option value="">Choose Subjects</option>
            <?php
                $sql2 = "SELECT * from tblsubjects ";
                $query2 = $dbh -> prepare($sql2);
                $query2->execute();
                $result2=$query2->fetchAll(PDO::FETCH_OBJ);
                foreach($result2 as $row)
                {
            ?>
```

```

<option value=<?php echo htmlentities($row->Subject);?>><?php echo
htmlentities($row->Subject);?></option>
<?php } ?>
</select></div>
</div>
</div>
<div class="row form-group">
<div class="col-12">
<div class="form-group">
    <label for="city" class="form-control-label">Description (if Any)</label>
    <textarea type="text" name="description" id="description" class="form-control"
rows="3" cols="12" required="true"></textarea></div></div>
    <div class="col-12">
        <div class="form-group"><label for="city" class="form-
control-label">Joining Date</label><input type="date" name="joiningdate"
id="joiningdate" value="" class="form-control" required="true"></div>
        </div>
        </div>
        <p style="text-align: center;"><button type="submit"
class="btn btn-primary btn-sm" name="submit" id="submit">
            <i class="fa fa-dot-circle-o"></i> Add
        </button></p>
    </div>
    </form>
</div>
</div>
</div>
</div>
<script src="../vendors/jquery/dist/jquery.min.js"></script>
<script src="../vendors/popper.js/dist/umd/popper.min.js"></script>

```

```

<script src="../vendors/jquery-
validation/dist/jquery.validate.min.js"></script>
    <script src="../vendors/jquery-validation-
unobtrusive/dist/jquery.validate.unobtrusive.min.js"></script>
        <script src="../vendors/bootstrap/dist/js/bootstrap.min.js"></script>
            <script src="../assets/js/main.js"></script>
</body>
</html>
<?php } ?>
```

Admin Dashboard

```

<?php
include_once ("inc/classes/session.php");
include ("inc/classes/View.php");
$userSession = new Session();
if ($userSession->getSession('login') != true) {
    header('Location: login.php');
}
$userSession->destroy();
$view = new View();
$viewCandidates = $view->viewCandidate();
?>
<!DOCTYPE html>
<html lang="en" dir="ltr">
    <head>
        <meta charset="utf-8">
        <title>View all Candidates</title>
        <link href="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css"
rel="stylesheet" id="bootstrap-css">
```

```

<script src="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/js/bootstrap.min.js"></script>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
</head>
<body>
<div class="container">
<?php include ('nav.php'); ?>
<div id="signupbox" style=" margin-top:10px" class="mainbox col-md-12 col-sm-8 ">
<div class="panel panel-info">
<div class="panel-heading">
<div class="panel-title">View All Candidates</div>
</div>
<div class="panel-body" >
<table class="table table-bordered" style="width: 100%; table-layout: auto;">
<thead>
<tr>
<th style="width: 15%;">Candidate Name</th>
<th style="width: 10%;">Candidate Email</th>
<th style="width: 5%;">Contact</th>
<th style="width: 30%;">Candidate Qualification</th>
<th style="width: 5%;">Age</th>
<th style="width: 25%;">Candidate Address</th>
<th style="width: 10%;">Action</th>
</tr>
</thead>
<tbody>
<?php foreach ($viewCandidates as $viewCandidate): ?>
<tr>
<td><?php echo $viewCandidate['cand_name']; ?></td>
<td><?php echo $viewCandidate['cand_email']; ?></td>
<td><?php echo $viewCandidate['cand_phone']; ?></td>
<td><?php echo $viewCandidate['cand_qualification']; ?></td>

```

```
<td><?php echo $viewCandidate['cand_age']; ?></td>
<td><?php echo $viewCandidate['cand_address']; ?></td>
<td>
    <a href="takeExam.php?id=<?php echo $viewCandidate['cand_id']; ?>" style="width: 100px;" class="btn btn-primary">Take Exam</a>
    <a href="viewReport.php?id=<?php echo $viewCandidate['cand_id']; ?>" style="width: 100px; margin-top: 5px;" class="btn btn-success">View Report</a>
    <a style="width: 100px; margin-top: 5px;" class="btn btn-danger">Remove</a>
</td>
</tr>
<?php endforeach; ?>
</tbody>
</table>
</div>
</div>
</div>
</body>
</html>
<p class="text-center top_spac"><a href="?action=logout">Logout</a> </p>
```

Interview

```
<?php
include_once ("inc/classes/session.php");
include ("inc/classes/Create.php");
$userSession = new Session();
if ($userSession->getSession('login') != true) {
    header('Location: login.php');
}
$userSession->destroy();
$create = new Create();
$addQuestion = $create->createQuestion($_POST);
?>
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<title>Add a Candidate</title>
<link href="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css"
rel="stylesheet" id="bootstrap-css">
<script src="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/js/bootstrap.min.js"></script>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
</head>
<body>
<div class="container">
<?php include ('nav.php'); ?>
<div style="width: 50%; margin: 25px auto;">
<?php
if (isset($addQuestion)) {
    echo $addQuestion;
```

```

        }
    ?>
</div>

<div id="signupbox" style=" margin-top:10px" class="mainbox col-md-10 col-md-offset-1 col-sm-8 col-sm-offset-2">

    <div class="panel panel-info">
        <div class="panel-heading">
            <div class="panel-title">Add New Candidate</div>
        </div>
        <div class="panel-body" >
            <form method="post" action="">
                <div id="div_id_username" class="form-group required">
                    <label for="id_username" class="control-label col-md-4 requiredField">
Add a Question<span class="asteriskField"></span> </label>
                    <div class="controls col-md-8 ">
                        <input class="input-md textinput form-control" id="question" name="question" placeholder="Add a Question" style="margin-bottom: 10px" type="text" />
                    </div>
                </div>
                </div>
                <div class="form-group">
                    <div class="aab controls col-md-4 "></div>
                    <div class="controls col-md-8 ">
                        <input type="submit" name="addQuestion" value="Add New Question" class="btn btn-primary btn btn-info" id="addQuestion" />
                    </div>
                </div>
            </form>
        </div>
    </div>
</div>

```

```

</div>
</div>
</body>
</html>
<p class="text-center top_spac"> <a href="?action=logout">Logout</a> </p>

```

Mail

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['trmsaid']==0)) {
    header('location:logout.php');
} else{

//Code for Deletion
if($_GET['delid']){
{
$tid=$_GET['delid'];
$query=$dbh->prepare("delete from tblteacher where ID=:tid");
$query->bindParam(':tid',$tid,PDO::PARAM_STR);
$query->execute();
echo '<script>alert("Teacher deleted")</script>';
echo "<script>window.location.href ='manage-teacher.php'</script>";
}

?>
<!doctype html>
<html class="no-js" lang="en">
<head>

<title>FSP || Candidate status</title>

<link rel="apple-touch-icon" href="apple-icon.png">

<link rel="stylesheet" href="..../vendors/bootstrap/dist/css/bootstrap.min.css">
<link rel="stylesheet" href="..../vendors/font-awesome/css/font-awesome.min.css">
<link rel="stylesheet" href="..../vendors/themify-icons/css/themify-icons.css">
<link rel="stylesheet" href="..../vendors/flag-icon-css/css/flag-icon.min.css">
<link rel="stylesheet" href="..../vendors/selectFX/css/cs-skin-elastic.css">

```

```

<link rel="stylesheet" href="../assets/css/style.css">

<link href='https://fonts.googleapis.com/css?family=Open+Sans:400,600,700,800'
rel='stylesheet' type='text/css'>

</head>

<body>
    <!-- Left Panel -->

    <?php include_once('includes/sidebar.php');?>

    <div id="right-panel" class="right-panel">

        <!-- Header-->
        <?php include_once('includes/header.php');?>
        <div class="breadcrumbs">
            <div class="col-sm-4">
                <div class="page-header float-left">
                    <div class="page-title">
                        <h1>Candidate status</h1>
                    </div>
                </div>
            </div>
            <div class="col-sm-8">
                <div class="page-header float-right">
                    <div class="page-title">
                        <ol class="breadcrumb text-right">
                            <li><a href="dashboard.php">Dashboard</a></li>
                            <li><a href="manage-teacher.php">Candidate
status</a></li>
                                <li class="active">Candidate status</li>
                            </ol>
                        </div>
                    </div>
                </div>
            </div>
        </div>

        <div class="content mt-3">
            <div class="animated fadeIn">
                <div class="row">
                    <div class="col-lg-12">
                        <div class="card">
                            <div class="card-header">
                                <strong class="card-title">Candidate
status</strong>

```

```

        </div>
        <div class="card-body">
            <table id="dtBasicExample" class="table table-striped table-bordered">
                <thead>
                    <tr>
                        <tr>
                            <th>Applicant No.</th>
                            <th>Candidate Name</th>
                            <th>Email</th>
                            <th>Status</th>
                    </tr>
                </thead>
                <?php
$sql="SELECT * from tblteacher";
$query = $dbh -> prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $row)
{
    ?>

        <tr>
            <td><?php echo htmlentities($cnt);?></td>
            <td><?php echo htmlentities($row->Name);?></td>
            <td><?php echo htmlentities($row->Email);?></td>
            <td><a href="mailsel.php?mailid=<?php echo htmlentities ($row->Email);?>" class="btn btn-primary">Selected</a>
                <td><a href="mailreg.php?maillid=<?php echo htmlentities ($row->Email);?>" class="btn btn-danger">Rejected</a>
            </td>
        </tr>
    <?php $cnt=$cnt+1;?>

```

(continued)

```

            </table>
        </div>
    </div>
</div>
```

```

</div><!-- .content -->

</div><!-- #right-panel -->

<!-- Right Panel -->

<script src="../vendors/jquery/dist/jquery.min.js"></script>
<script src="../vendors/popper.js/dist/umd/popper.min.js"></script>
<script src="../vendors/bootstrap/dist/js/bootstrap.min.js"></script>
<script src=".//assets/js/main.js"></script>
<script src="https://cdn.datatables.net/1.11.5/js/dataTables.bootstrap.min.js"></script>
<script src="https://cdn.datatables.net/1.11.5/js/jquery.dataTables.min.js"></script>
<link rel="stylesheet" type="text/css"
      href="https://cdn.datatables.net/1.11.5/css/dataTables.bootstrap.min.css">
<script type="text/javascript">
    $(document).ready(function () {
        $('#dtBasicExample').DataTable();
        $('.dataTables_length').addClass('bs-select');
    });
</script>
</body>

</html>
<?php } ?>
```

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
$Email=$_GET['maillid'];
$receiver = $Email;
$subject = "Sorry Better luck next time!!";
$body = "Hi, This is to inform you that your application have been rejected for
the job position at University of Houses.";
$sender = "From:universityofhouses@gmail.com";
$status="Rejected";
if(mail($receiver, $subject, $body, $sender)){
    echo "Email sent successfully to $receiver";
    $query = $dbh->prepare("UPDATE tblteacher SET status='$status' WHERE
Email='$Email'");
    $query->execute();
    $results=$query->fetchAll(PDO::FETCH_OBJ);
}else{
    echo "Sorry, failed while sending mail!";
```

```

}
echo '<script>alert("Done!!")</script>';
echo "<script>window.location.href ='candidate status.php'</script>";
?>

```

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
$Email=$_GET['mailid'];
$receiver = $Email;
$subject = "Selected!!";
$body = "Hi, This is to inform you that you have been selected for the job
position at University of Houses.";
$sender = "From:universityofhouses@gmail.com";
$status="Selected";

if(mail($receiver, $subject, $body, $sender)){
    echo "Email sent successfully to $receiver";
    $query = $dbh->prepare("UPDATE tblteacher SET status='$status' WHERE
Email='$Email'");
    $query->execute();
    $results=$query->fetchAll(PDO::FETCH_OBJ);
}else{
    echo "Sorry, failed while sending mail!";
}
echo '<script>alert("Done!!")</script>';
echo "<script>window.location.href ='candidate status.php'</script>";
?>

```

Calendar

```

<?php
class Calendar {
    // (A) CONSTRUCTOR - CONNECT TO DATABASE
    private $pdo = null;
    private $stmt = null;
    public $error = "";
    function __construct () {
        try {
            $this->pdo = new PDO(
                "mysql:host=".DB_HOST.";dbname=".DB_NAME.";charset=".DB_CHARSET,
                DB_USER, DB_PASSWORD, [
                    PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
                    PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC

```

```

        ]
    );
} catch (Exception $ex) { exit($ex->getMessage()); }
}

// (B) DESTRUCTOR - CLOSE DATABASE CONNECTION

function __destruct () {
    if ($this->stmt!==null) { $this->stmt = null; }
    if ($this->pdo!==null) { $this->pdo = null; }
}

// (C) HELPER - EXECUTE SQL QUERY
function exec ($sql, $data=null) {
    try {
        $this->stmt = $this->pdo->prepare($sql);
        $this->stmt->execute($data);
        return true;
    } catch (Exception $ex) {
        $this->error = $ex->getMessage();
        return false;
    }
}

// (D) SAVE EVENT
function save ($start, $end, $txt, $color, $id=null) {
    // (D1) START & END DATE QUICK CHECK
    $uStart = strtotime($start);
    $uEnd = strtotime($end);
    if ($uEnd < $uStart) {
        $this->error = "End date cannot be earlier than start date";
        return false;
    }

    // (D2) SQL - INSERT OR UPDATE
    if ($id==null) {
        $sql = "INSERT INTO `events` (`evt_start`, `evt_end`, `evt_text`,
`evt_color`) VALUES (?,?,?,?,?)";
        $data = [$start, $end, $txt, $color];
    } else {
        $sql = "UPDATE `events` SET `evt_start`=? , `evt_end`=? , `evt_text`=? ,
`evt_color`=? WHERE `evt_id`=?";
        $data = [$start, $end, $txt, $color, $id];
    }

    // (D3) EXECUTE
    return $this->exec($sql, $data);
}

```

```

// (E) DELETE EVENT
function del ($id) {
    return $this->exec("DELETE FROM `events` WHERE `evt_id`=?", [$id]);
}

// (F) GET EVENTS FOR SELECTED MONTH
function get ($month, $year) {
    // (F1) FIRST & LAST DAY OF MONTH
    $daysInMonth = cal_days_in_month(CAL_GREGORIAN, $month, $year);
    $dayFirst = "{$year}-{$month}-01 00:00:00";
    $dayLast = "{$year}-{$month}-{$daysInMonth} 23:59:59";

    // (F2) GET EVENTS
    if (!$this->exec(
        "SELECT * FROM `events` WHERE (
            (`evt_start` BETWEEN ? AND ?)
            OR (`evt_end` BETWEEN ? AND ?)
            OR (`evt_start` <= ? AND `evt_end` >= ?)
        )", [$dayFirst, $dayLast, $dayFirst, $dayLast, $dayFirst, $dayLast]
    )) { return false; }

    // $events = [
    //   "e" => [ EVENT ID => [DATA], EVENT ID => [DATA], ... ],
    //   "d" => [ DAY => [EVENT IDS], DAY => [EVENT IDS], ... ]
    // ]
    $events = ["e" => [], "d" => []];
    while ($row = $this->stmt->fetch()) {
        $eStartMonth = substr($row["evt_start"], 5, 2);
        $eEndMonth = substr($row["evt_end"], 5, 2);
        $eStartDay = $eStartMonth==$month
                    ? (int)substr($row["evt_start"], 8, 2) : 1 ;
        $eEndDay = $eEndMonth==$month
                    ? (int)substr($row["evt_end"], 8, 2) : $daysInMonth ;
        for ($d=$eStartDay; $d<=$eEndDay; $d++) {
            if (!isset($events["d"][$d])) { $events["d"][$d] = []; }
            $events["d"][$d][] = $row["evt_id"];
        }
        $events["e"][$row["evt_id"]] = $row;
        $events["e"][$row["evt_id"]]["first"] = $eStartDay;
    }
    return $events;
}

// (G) DATABASE SETTINGS - CHANGE TO YOUR OWN!
define("DB_HOST", "localhost");
define("DB_NAME", "php-calendar");

```

```

define("DB_CHARSET", "utf8");
define("DB_USER", "root");
define("DB_PASSWORD", "");

// (H) NEW CALENDAR OBJECT
$_CAL = new Calendar();

```

BACK END

Table	Action	Rows	Type	Collation	Size	Overhead
loginlogs	Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16.0 Kib	-
tbladmin	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 Kib	-
tblquery	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 Kib	-
tblsubjects	Browse Structure Search Insert Empty Drop	11	InnoDB	latin1_swedish_ci	16.0 Kib	-
tbiteacher	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16.0 Kib	-
5 tables	Sum	15	InnoDB	utf8mb4_general_ci	80.0 Kib	0 B

```

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

```

```

CREATE TABLE `tbladmin` (
`ID` int(10) NOT NULL,
`AdminName` varchar(120) DEFAULT NULL,
`UserName` varchar(120) DEFAULT NULL,
`MobileNumber` bigint(10) DEFAULT NULL,

```

```

`Email` varchar(120) DEFAULT NULL,
`Password` varchar(200) DEFAULT NULL,
`AdminRegdate` timestamp NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `tbladmin` (`ID`, `AdminName`, `UserName`, `MobileNumber`, `Email`,
`Password`, `AdminRegdate`) VALUES
(1, 'Admin', 'admin', 8979555555, 'adminuser@gmail.com',
'f925916e2754e5e03f75dd58a5733251', '2019-10-04 06:10:04');

CREATE TABLE `tblquery` (
`id` int(11) NOT NULL,
`teacherId` int(11) DEFAULT NULL,
`fName` varchar(200) DEFAULT NULL,
`emailId` varchar(200) DEFAULT NULL,
`mobileNumber` bigint(10) DEFAULT NULL,
`Query` mediumtext DEFAULT NULL,
`queryDate` timestamp NULL DEFAULT current_timestamp(),
`teacherNote` mediumtext DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

INSERT INTO `tblquery` (`id`, `teacherId`, `fName`, `emailId`, `mobileNumber`,
`Query`, `queryDate`, `teacherNote`) VALUES
(2, 1, 'Amit Kumar', 'amitk43@gmail.com', 1122336655, 'This is for testing purpose. Test
Query', '2022-03-12 10:03:49', 'This is for testing. Test notes'),
(3, 3, 'Sanjeev', 'sanjeev@gmail.com', 4758963214, 'Test query', '2022-03-14 17:03:03',
'Test notes');

CREATE TABLE `tblsubjects` (
`ID` int(10) NOT NULL,
`Subject` varchar(120) DEFAULT NULL,

```

```

`CreationDate` timestamp NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `tblsubjects` (`ID`, `Subject`, `CreationDate`) VALUES
(1, 'Mathmetics', '2019-10-07 06:11:06'),
(2, 'Physics', '2019-10-07 06:11:19'),
(3, 'Chemistry', '2019-10-07 06:11:32'),
(4, 'Biology', '2019-10-07 06:11:41'),
(5, 'Hindi', '2019-10-07 06:11:49'),
(6, 'English', '2019-10-07 06:11:56'),
(7, 'Science', '2019-10-07 06:12:06'),
(8, 'Social Science', '2019-10-07 06:12:19'),
(9, 'Accounts', '2019-10-07 06:12:32'),
(10, 'Arts', '2019-10-07 06:12:44'),
(13, 'Operating System (OS)', '2019-10-13 19:00:22');

```

```

CREATE TABLE `tblteacher` (
`ID` int(10) NOT NULL,
`Name` varchar(120) DEFAULT NULL,
`Picture` varchar(200) NOT NULL,
`Email` varchar(120) DEFAULT NULL,
`MobileNumber` bigint(10) DEFAULT NULL,
`password` varchar(255) DEFAULT NULL,
`Qualifications` varchar(120) DEFAULT NULL,
`Address` varchar(200) DEFAULT NULL,
`TeacherSub` varchar(120) DEFAULT NULL,
`description` mediumtext DEFAULT NULL,
`teachingExp` varchar(10) DEFAULT NULL,
`JoiningDate` varchar(120) DEFAULT NULL,
`RegDate` timestamp NOT NULL DEFAULT current_timestamp(),
`isPublic` int(1) DEFAULT NULL

```

```
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `tblteacher` (`ID`, `Name`, `Picture`, `Email`, `MobileNumber`,
`password`, `Qualifications`, `Address`, `TeacherSub`, `description`, `teachingExp`,
`JoiningDate`, `RegDate`, `isPublic`) VALUES
(1, 'Anuj kumar', '171bb7da1ad6f5b744af8e1693225e661647076737.png',
'ak@gmail.com', 1234567890, '5c428d8875d2948607f3e3fe134d71b4', 'B.Tech, M.tech',
'H 343 Wisdom Society Noida 20301', 'Chemistry', 'NA', '5', '2022-01-01', '2022-03-05
12:41:37', 1),
(2, 'John Doe', 'ebcd036a0db50db993ae98ce380f64191647072141.png',
'jogoe12@yourdomain.com', 1425369874, 'f925916e2754e5e03f75dd58a5733251', 'BSC,
MSC', 'New Delhi India', 'Science', 'NA', '10', '2018-01-01', '2022-03-12 08:02:21', 1),
(3, 'Amit kumar', 'ebcd036a0db50db993ae98ce380f64191647277294.png',
'amitkr12@gmail.com', 1425366958, 'f925916e2754e5e03f75dd58a5733251', 'BSC, MSC',
'H 32325 XYZ COLONY Raj Nagar Ghaziabad', 'Chemistry', 'I have 10 year exp in
chemistry', '10', '2022-02-28', '2022-03-14 17:01:04', 1),
(4, 'Sithara JP', 'ebcd036a0db50db993ae98ce380f64191647071234.png',
'sithu2503@gmail.com', 1425369258, 'f925916e2754e5e03f75dd58a5733251',
'BSC, MSC', 'H 32325 XYZ COLONY Raj Nagar Ghaziabad', 'Chemistry', 'I have 10 year
exp in chemistry', '10', '2022-02-28', '2022-03-14 17:01:04', 1),
(5, 'Abhijith Shaji', 'ebcd036a0db50db993ae98ce380f64191647072345.png',
'abhi2804@gmail.com', 1425366108, 'f925916e2754e5e03f75dd58a5733251',
'BSC, MSC', 'H 32325 XYZ COLONY Raj Nagar Ghaziabad', 'Chemistry', 'I have 10 year
exp in chemistry', '10', '2022-02-28', '2022-03-14 17:01:04', 1),
(6, 'Hrishikesh Menon', 'ebcd036a0db50db993ae98ce380f64191647073456.png',
'hriishi1605@gmail.com', 1915366958, 'f925916e2754e5e03f75dd58a5733251',
'BSC, MSC', 'H 32325 XYZ COLONY Raj Nagar Ghaziabad', 'Chemistry', 'I have 10 year
exp in chemistry', '10', '2022-02-28', '2022-03-14 17:01:04', 1),
(7, 'Shrikarthik C R ', 'ebcd036a0db50db993ae98ce380f64191647074567.png',
'stick11@gmail.com', 1425339258, 'f925916e2754e5e03f75dd58a5733251', 'BSC, MSC',
```

```
'H 32325 XYZ Colony Raj Nagar Ghaziabad', 'Chemistry', 'I have 10 year exp in  
chemistry', '10', '2022-02-28', '2022-03-14 17:01:04', 1),  
(8, 'Sneha Nair', 'ebcd036a0db50db993ae98ce380f64191647075678.png',  
'sneha8501@gmail.com', 1492251958, 'f925916e2754e5e03f75dd58a5733251',  
'BSC,MSM', 'H 32325 XYZ Colony Raj Nagar Ghaziabad', 'Chemistry', 'I have 10 year  
exp in chemistry', '10', '2022-02-28', '2022-03-14 17:01:04', 1);
```

```
ALTER TABLE `tbladmin`  
ADD PRIMARY KEY (`ID`);
```

```
ALTER TABLE `tblquery`  
ADD PRIMARY KEY (`id`),  
ADD KEY `tid` (`teacherId`);
```

```
ALTER TABLE `tblsubjects`  
ADD PRIMARY KEY (`ID`),  
ADD KEY `Subject` (`Subject`);
```

```
ALTER TABLE `tblteacher`  
ADD PRIMARY KEY (`ID`),  
ADD KEY `subname` (`TeacherSub`);
```

```
ALTER TABLE `tbladmin`  
MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;
```

```
ALTER TABLE `tblquery`  
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=4;
```

```
ALTER TABLE `tblsubjects`  
MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=15;
```

```
ALTER TABLE `tblteacher`  
    MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=4;  
  
ALTER TABLE `tblquery`  
    ADD CONSTRAINT `tid` FOREIGN KEY (`teacherId`) REFERENCES `tblteacher`  
(`ID`);  
  
ALTER TABLE `tblteacher`  
    ADD CONSTRAINT `subname` FOREIGN KEY (`TeacherSub`) REFERENCES  
`tblsubjects` (`Subject`);  
COMMIT;
```

8. Software Engineering tools used

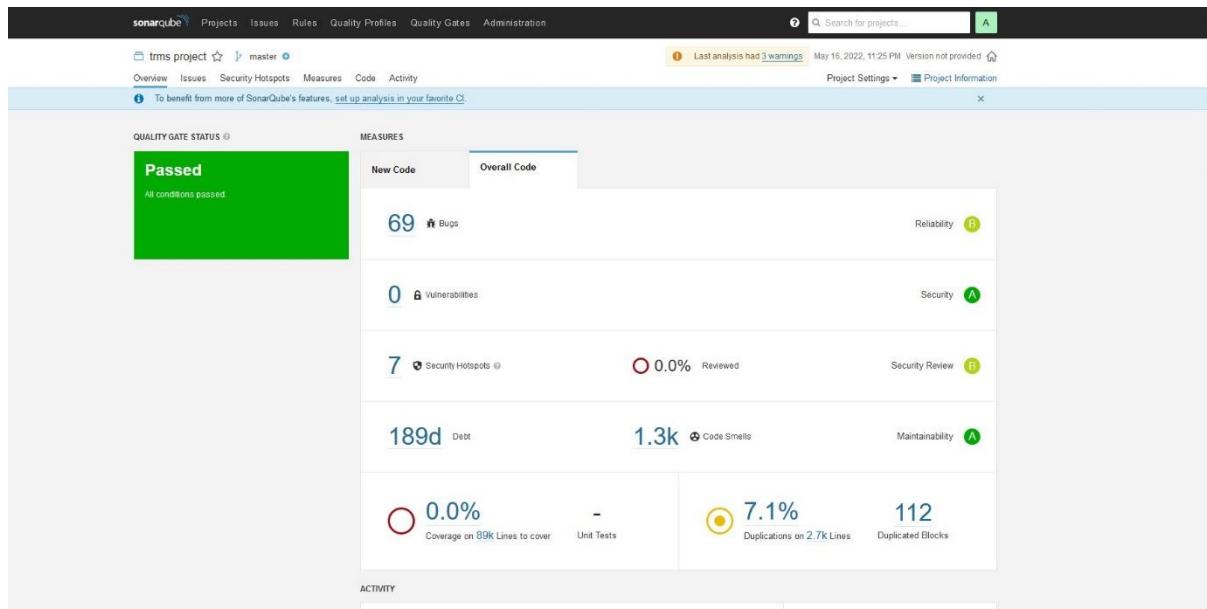
TESTING STRATEGY:

The testing strategy we have employed in our project is:

- 1) Integration testing
- 2) Static testing

8.1 Static Code analysis using sonarqube

Screenshots/report of the scanning results



8.2 Integration testing

```
from selenium import webdriver
```

```
from selenium.webdriver.chrome.service import Service
```

```
from webdriver_manager.chrome import ChromeDriverManager
```

```
from selenium.webdriver.support.ui import Select

from selenium.webdriver.common.by import By

from selenium.webdriver.firefox.service import Service

from selenium.webdriver.firefox.options import Options

import time

from selenium.webdriver.common.alert import Alert

driver =
webdriver.Firefox(executable_path='D:/Software/Selenium/SWtesting/Drivers/geckodriver.exe')

#driver.maximize_window()

#driver = webdriver.Firefox(executable_path="C:/Program Files/Mozilla Firefox/firefox.exe")

url = 'http://localhost/trms/'
```

```
driver.get(url)

time.sleep(1)

login = driver.find_element(by=By.XPATH,
value="/html/body/main/header/div/div/div[1]/div/div/a[2]")

login.click()

time.sleep(1)

#signupfrom here page

signuphere = driver.find_element(by=By.XPATH,
value="/html/body/div/div/div/div[2]/form/p/a")

signuphere.click()

time.sleep(1)

newuse = driver.find_element(by=By.XPATH,
value='/html/body/div/div/div/div[2]/form/div[1]/input')

time.sleep(1)

newuse.send_keys('kkpp')
```

```
#email
```

```
email = driver.find_element(by=By.XPATH,  
value='/html/body/div/div/div[2]/form/div[2]/input')
```

```
time.sleep(1)
```

```
email.send_keys('abhijithshajikp@gmail.com')
```

```
#mob
```

```
mob = driver.find_element(by=By.XPATH,  
value='/html/body/div/div/div[2]/form/div[3]/input')
```

```
time.sleep(1)
```

```
mob.send_keys('0001110000')
```

```
#password
```

```
psw = driver.find_element(by=By.XPATH,  
value='/html/body/div/div/div[2]/form/div[4]/input')
```

```
time.sleep(1)
```

```
psw.send_keys('Abcd1234@')
```

```
#submit

submit = driver.find_element(by=By.XPATH,
value='/html/body/div/div/div/div[2]/form/button')

submit.click()

print("signup done")

time.sleep(1)

obj = driver.switch_to.alert

obj.accept()

print("Alert done")
```

```
#-----  
-----  
  
#loginPage from here  
  
  
  
  
url = 'http://localhost/trms/teacher/index.php'  
  
  
driver.get(url)  
  
  
username = driver.find_element(by=By.XPATH, value='//*[@id="username"]')  
  
  
username.click()  
  
  
time.sleep(2)  
  
  
username.send_keys('abhijithshajikp@gmail.com')  
  
  
time.sleep(2)  
  
  
passw = driver.find_element(by=By.XPATH, value='//*[@id="myInput"]')  
  
  
passw.send_keys('Abcd1234@')  
  
  
time.sleep(2)
```

```
showp = driver.find_element(by=By.XPATH,
value="/html/body/div/div/div/div[2]/form/div[2]/h6[2]/input[2]")

showp.click()

time.sleep(2)

remme = driver.find_element(by=By.XPATH, value='//*[@id="rememberMe"]')

remme.click()

time.sleep(2)

submit = driver.find_element(by=By.XPATH,
value='/html/body/div/div/div/div[2]/form/button')

submit.click()

time.sleep(1)

prof = driver.find_element(by=By.XPATH,
value='/html/body/aside/nav/div[2]/ul/li[2]/a')

prof.click()
```

```
time.sleep(1)
```

```
logot=driver.find_element(by=By.XPATH,  
value='/html/body/aside/nav/div[2]/ul/li[4]/a')
```

```
logot.click()
```

```
time.sleep(1)
```

```
bckhme = driver.find_element(by=By.XPATH,  
value='/html/body/div/div/div/div[2]/form/div[3]/label/a/h7')
```

```
bckhme.click()
```

```
time.sleep(1)
```

```
adm = driver.find_element(by=By.XPATH,  
value='/html/body/main/nav/div/div/ul/h5[4]/li/a')
```

```
adm.click()
```

```
time.sleep(1)
```

```
#admin page starts----->
```

```
username = driver.find_element(by=By.XPATH,  
value='/html/body/div/div/div/div[2]/form/div[1]/input')
```

```
username.send_keys('admin')
```

```
time.sleep(1)
```

```
passw = driver.find_element(by=By.XPATH, value='//*[@id="myInput"]')
```

```
passw.send_keys('Test@123')
```

```
time.sleep(1)
```

```
subm = driver.find_element(by=By.XPATH,  
value='/html/body/div/div/div/div[2]/form/button')
```

```
subm.click()
```

```
time.sleep(5)
```

```
driver.close()
```

The screenshot shows the PyCharm IDE interface with the following details:

- Project Structure:** The project is named "SWtesting". It contains a "Drivers" folder with "geckodriver.exe", "venv\library\init", "geckodriver.log", "main.py", "seltesting.py", and "test.py".
- Code Editor:** The "test.py" file is open, containing Python code for a Selenium test. The code imports webdriver, selenium.webdriver.common.alert, time, and selenium.webdriver.common.service. It uses Firefox as the browser and navigates to "http://localhost/trms/". It performs a login operation and then logs out.
- Run Tab:** The "Run" tab shows the command "D:\Software\Selenium\SWtesting\venv\Scripts\python.exe D:/Software/Selenium/SWtesting/test.py". The output window displays the test results:
 - Signup done
 - Alert done
 - Admin page done
 - tested Successfully!!
- Bottom Status Bar:** Shows "Process finished with exit code 0".
- Bottom Navigation:** Includes tabs for Version Control, Run, TODO, Problems, Python Packages, Python Console, Terminal, and an Event Log.

FRONT END

The screenshot shows a web browser window with multiple tabs open. The active tab displays a recruitment notice for 'VARANASI TOURISM'. The notice is overlaid on a photograph of a ghat in Varanasi. The text reads: 'WE ARE HIRINGGGGG!!!!!!' and 'Hiring for the post of a faculty in University of Houses.' A blue button labeled 'Apply here!!' is visible. Below the notice, the text 'The Spiritual Capital of India' and 'Varanasi Tourism' is present. The browser's taskbar at the bottom shows various icons and system status.

The screenshot shows a web browser window displaying the 'Faculty Recruitment!!' section of the 'Teachers Record Management' system. The page has a black background. At the top, there is a logo for 'University of Houses' and navigation links for 'Home', 'About', 'Contact', and 'admin'. Below this, there are two buttons: 'Applicant Signup/Registration' (blue) and 'Applicant Login' (white). To the right, there is an illustration of a teacher standing next to a chalkboard, pointing at it. Below the illustration is a 'Check Eligibility' button. The bottom of the page includes a footer with the text 'Teachers Record Management System 2022', 'Home · About Us · Contact', and the system's status information (30°C, ENG, 12:08, 17-05-2022).

Job

Apply for * Physics

First name *

Last name *

Citizenship *

Date of birth * dd-mm-yyyy

Teaching Experience (in Years) *

Graduation percentage *

Phone *

Email address *

Application letter Choose File No file chosen

Resume upload Choose File No file chosen

University of Houses

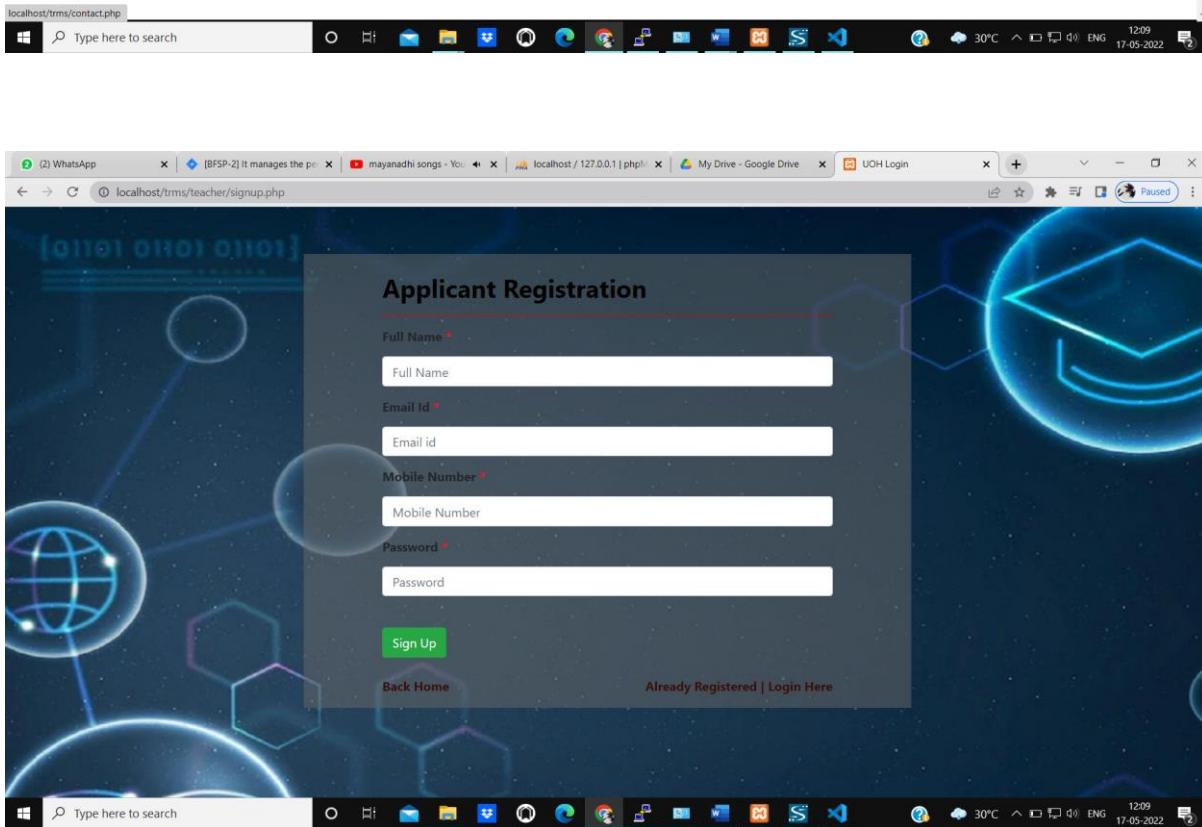
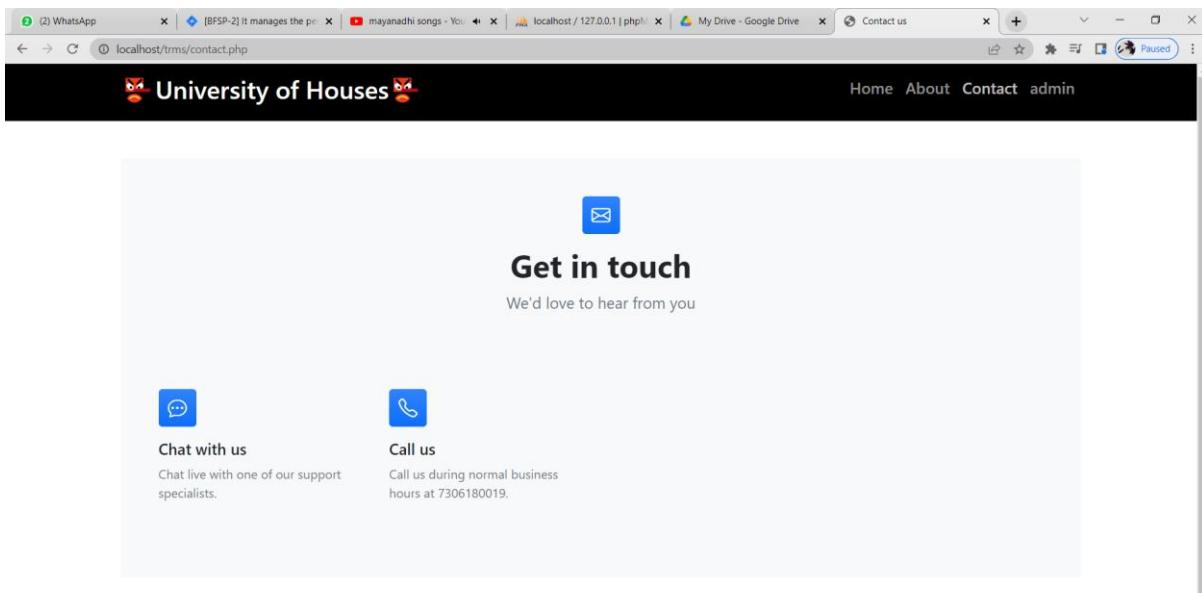
About us

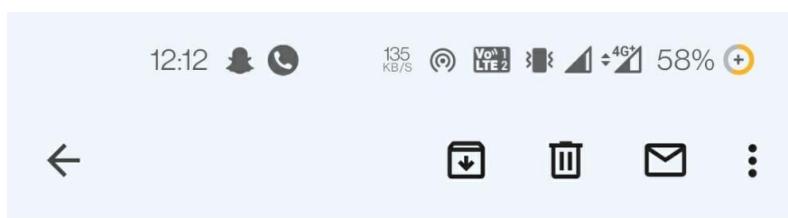
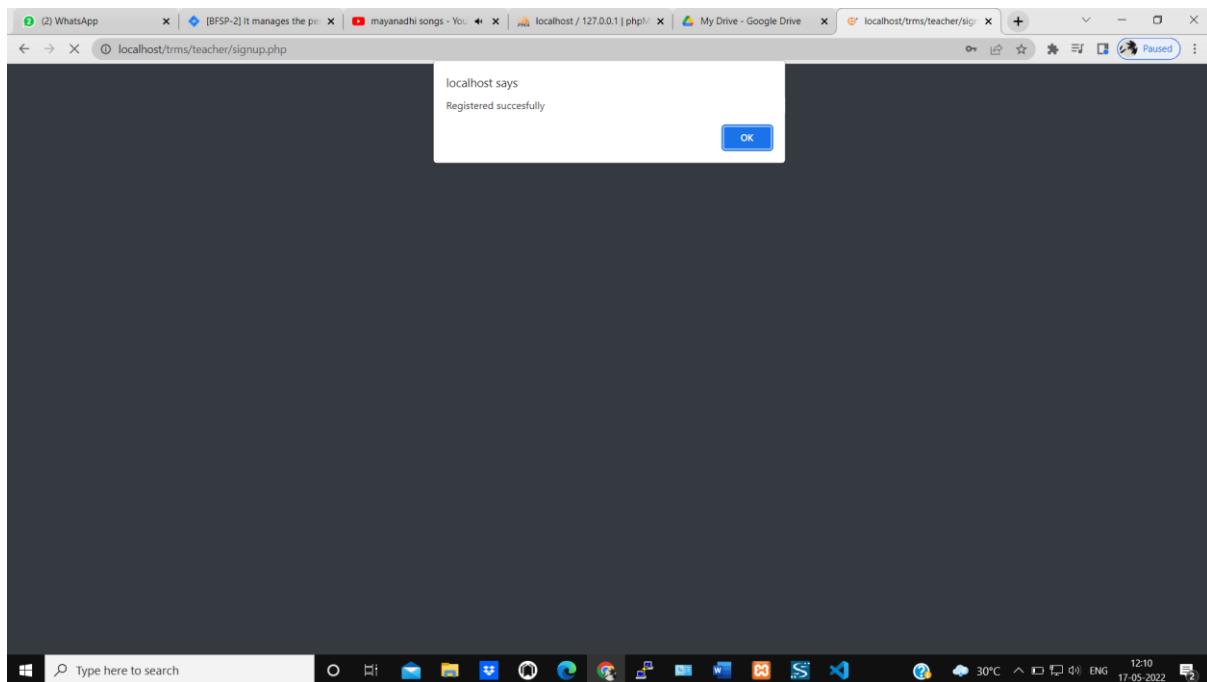
About Us

We are the original Houses of University, part of the prestigious Russell Group; our thriving student population enjoys a wide range of courses, and exceptional campus and research facilities. The 10 Nobel Laureates we count among our staff and alumni have contributed to some of science's greatest discoveries, including in recent times the Higgs Boson and Gravitational Waves. Our research provides innovative solutions to the challenges we face in our city, our region and across the globe. We encourage and empower people to turn ideas into reality and make important things happen.

Teachers Record Management System 2022

[Home](#) · [About Us](#) · [Contact](#)



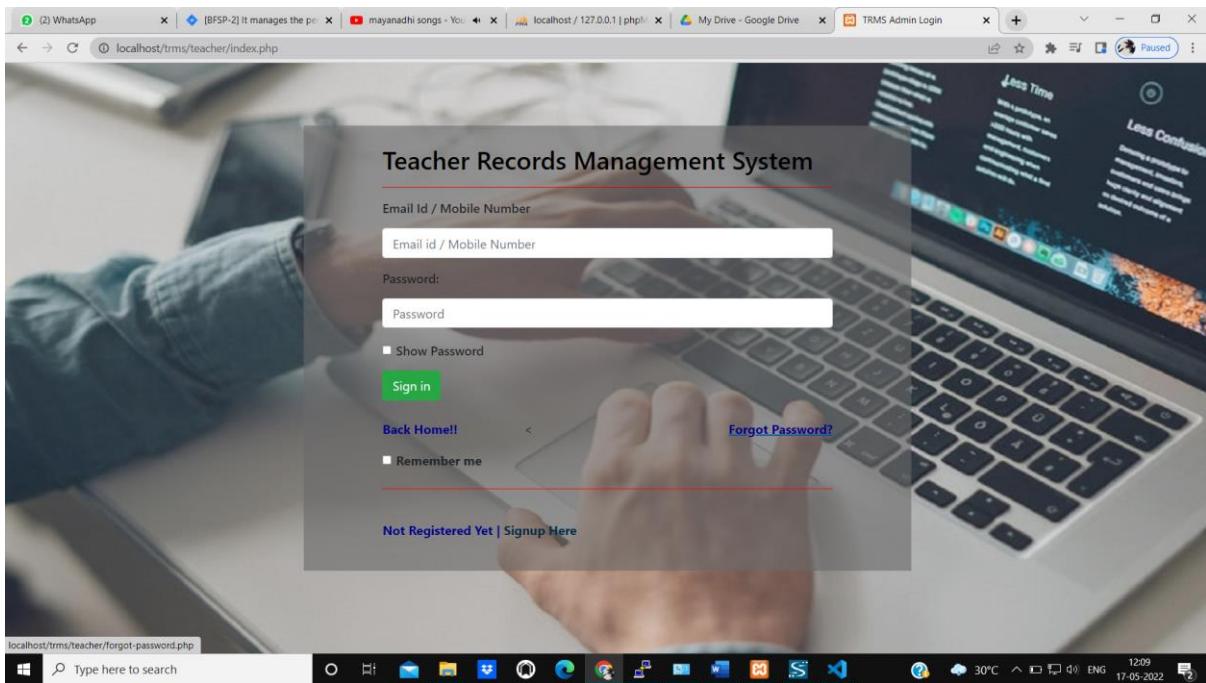


Sucessful registration Inbox star

 universityofhouses... Yesterday
to me ^ back more

From universityofhouses@gmail.com
To shrikarthik01@gmail.com
Date May 16, 2022, 11:14 PM
 Standard encryption (TLS).
[View security details](#)

Thank you for registering at University of Houses!!



The screenshot shows the Admin Dashboard. On the left, a vertical menu bar titled "MENU" lists "Dashboard", "Profile", "Change Password", and "Logout". The main content area is titled "Dashboard" and displays a red box with the text "Welcome sk" and "Applicant id :3", followed by the instruction "Click here to apply.". Below this is a blue box with the number "0" and the text "Posts Applied". The browser tabs at the top show various open windows, including WhatsApp, a file manager, and Google Drive. The Windows taskbar at the bottom includes icons for search, file explorer, and other applications.

Screenshot of the Teacher Profile page (localhost/trms/teacher/profile.php).

The page displays a sidebar with navigation links: Profile, Change Password, and Logout.

Form fields include:

- Applicant Name: sk
- Profile Pic: A placeholder image showing a person's silhouette inside a green circle. An "Edit Image" link is next to it.
- Email ID: shrikarthik01@gmail.com
- Mobile Number: 9943593026
- Address: (empty input field)
- Qualifications (Separated by comma): (empty input field)
- Teaching Experience (in Years): (empty input field)
- Subjects: (empty dropdown menu)
- Profile Status: (Public profile anybody can your details and not public only you can view)
Not public
- Update Profile button

At the bottom, there are two "WhatsApp Image...jpeg" attachments and a taskbar with various icons.

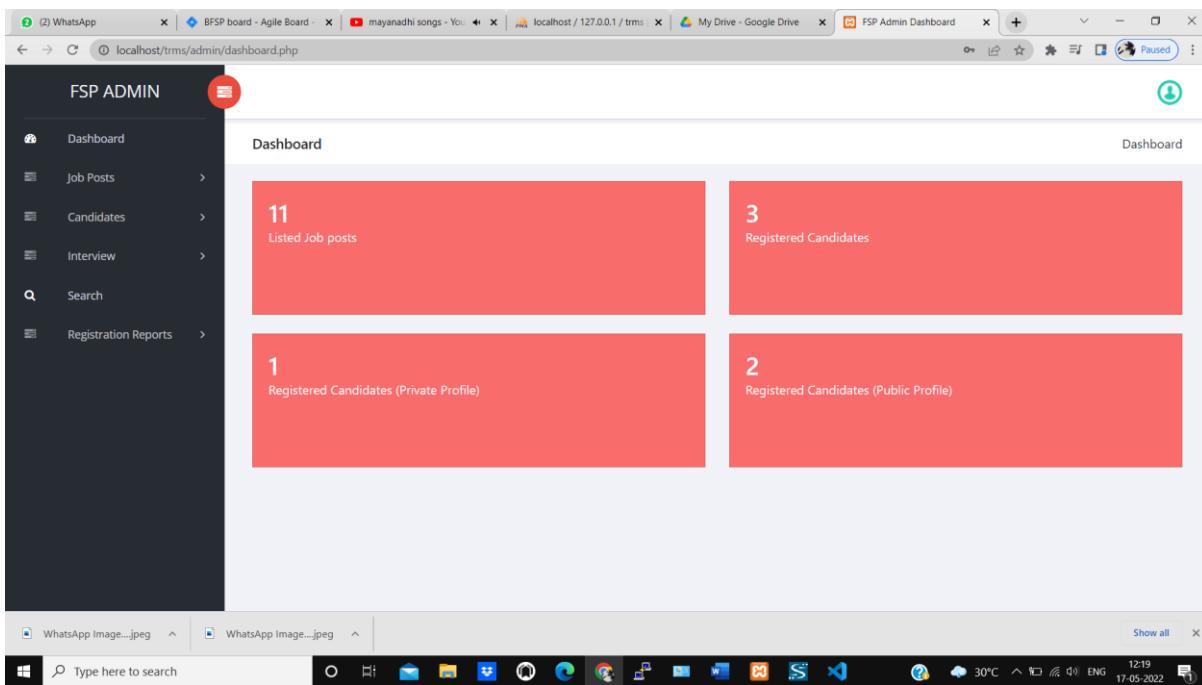
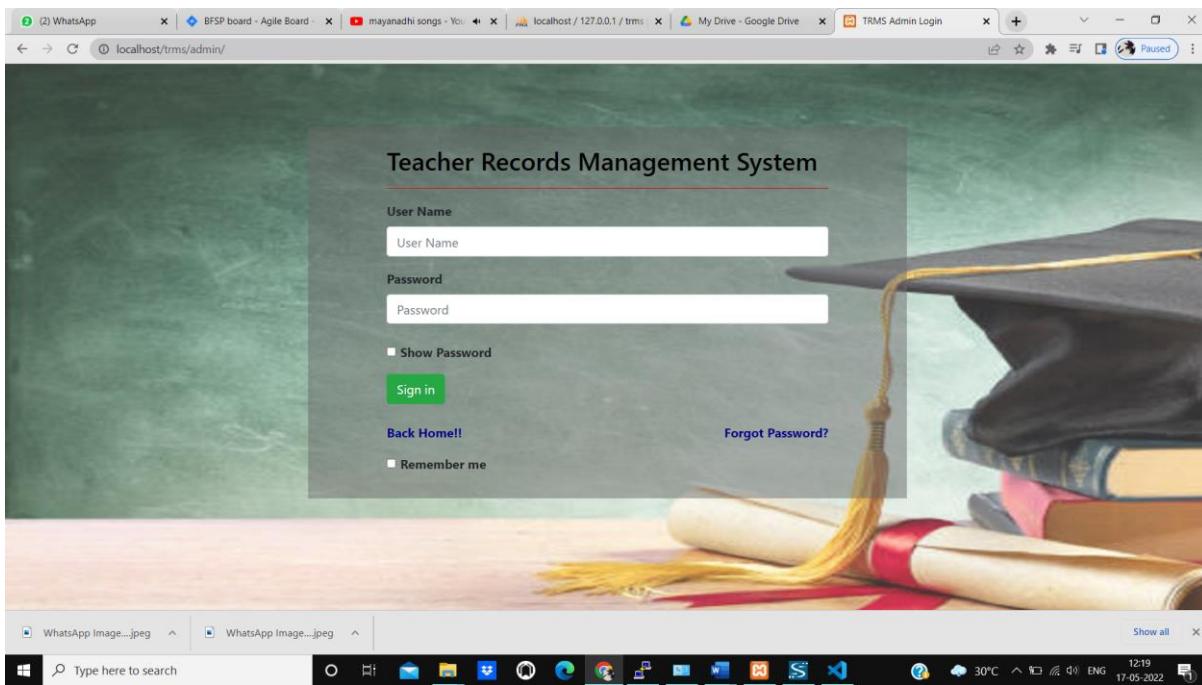
Screenshot of the Change Password page (localhost/trms/teacher/change-password.php).

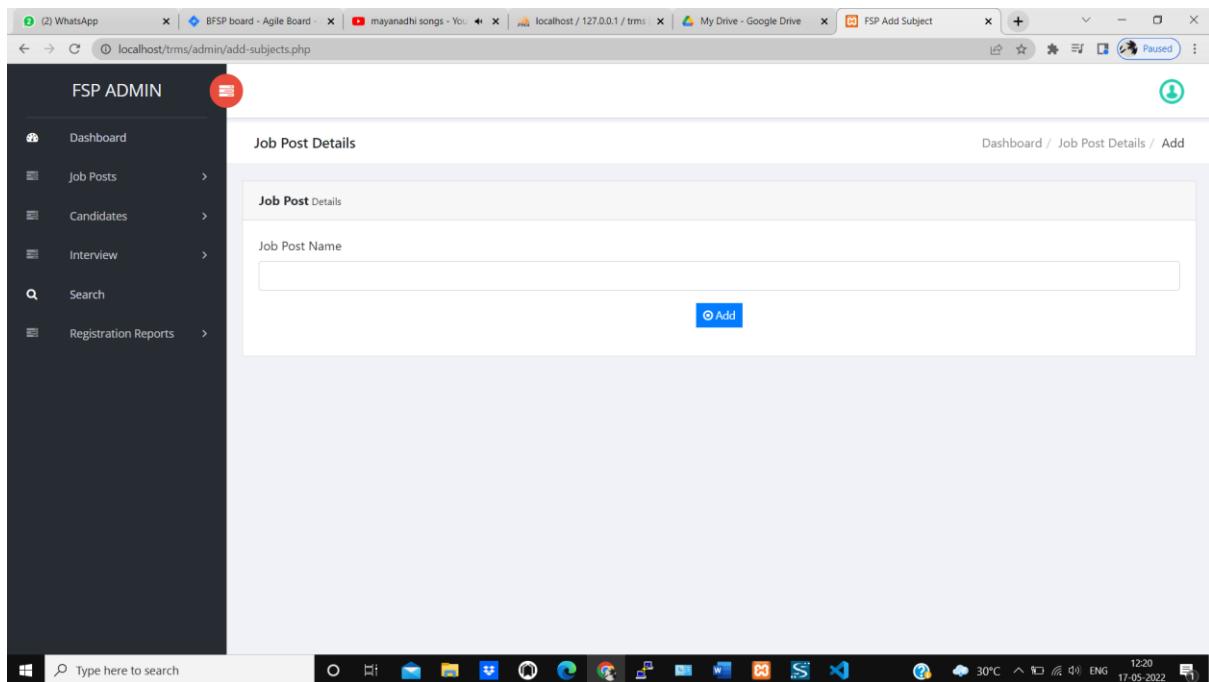
The page displays a sidebar with navigation links: MENU, Dashboard, Profile, Change Password, and Logout.

Form fields include:

- Current Password: (empty input field)
- New Password: (empty input field)
- Confirm Password: (empty input field)
- Change button

At the bottom, there are two "WhatsApp Image...jpeg" attachments and a taskbar with various icons.





Applicant No	Name	Job Post	Profile Status	Registration Date
1	Mathmetics	2019-10-07 11:41:06	Edit Delete	
2	Physics	2019-10-07 11:41:19	Edit Delete	
3	Chemistry	2019-10-07 11:41:32	Edit Delete	
4	Biology	2019-10-07 11:41:41	Edit Delete	
5	Hindi	2019-10-07 11:41:49	Edit Delete	
6	English	2019-10-07 11:41:56	Edit Delete	
7	Science	2019-10-07 11:42:06	Edit Delete	
8	Social Science	2019-10-07 11:42:19	Edit Delete	

FSP ADMIN

Candidate Details

Dashboard / Candidate Details / Add

Candidate Personal Details	Candidate Professional Details
Name <input type="text"/>	Qualification <input type="text"/>
Profile picture <input type="file"/> No file chosen	Teaching Experience (in Years) <input type="text"/>
Email ID <input type="text"/>	Subjects <input type="text"/>
Mobile Number <input type="text"/>	Description(if any) <input type="text"/>
Address <input type="text"/>	Resume / CV <input type="file"/> No file chosen

Type here to search

FSP ADMIN

Manage Candidates

Dashboard / Manage Candidates / Manage Candidates

Manage Candidates					
Show <select>10</select> entries <input type="text" value="Search:"/>					
Applicant No.	Candidate Name	Job Post	Email	Manage	Invite
1	Anuj kumar	Chemistry	ak@gmail.com	Edit Delete	Invite
2	John Doe	Science	jogoe12@yourdomain.com	Edit Delete	Invite
3	sk		shrikarthik01@gmail.com	Edit Delete	Invite

Showing 1 to 3 of 3 entries

Previous [1](#) Next

Type here to search



Interview invite Inbox

☆



universityofhouses@gmail.co... 10:25 AM

Hi, This is to inform that you have been invited to the interview at University of



universityofhouses... 10:48 AM

to me ↑

From universityofhouses@gmail.com

To crshrikarthik@gmail.com

Date May 17, 2022, 10:48 AM

 Standard encryption (TLS).

[View security details](#)

Show quoted text

(2) WhatsApp x BFSP board - Agile Board - x mayanadhi songs - You x localhost / 127.0.0.1 / trms x My Drive - Google Drive x FSP || Candidate status x +

localhost/trms/admin/candidate%20status.php

FSP ADMIN

Candidate status

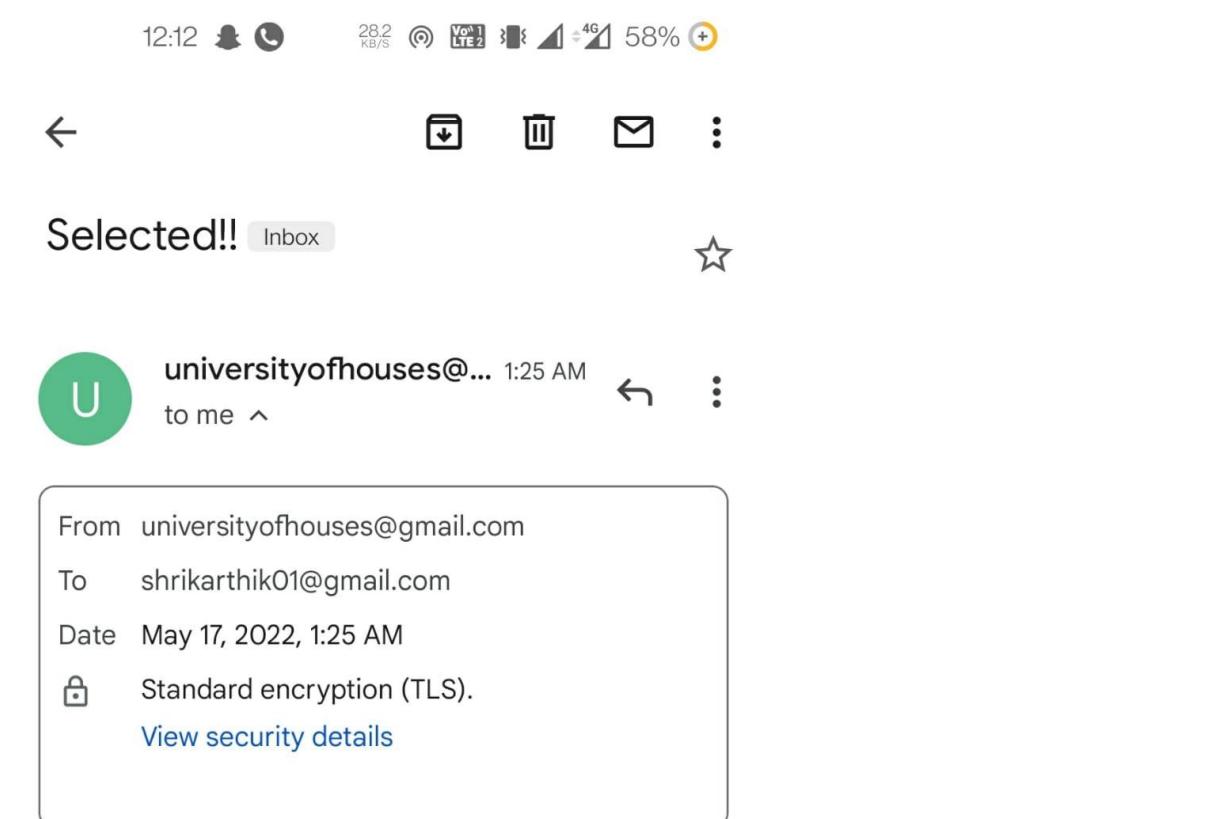
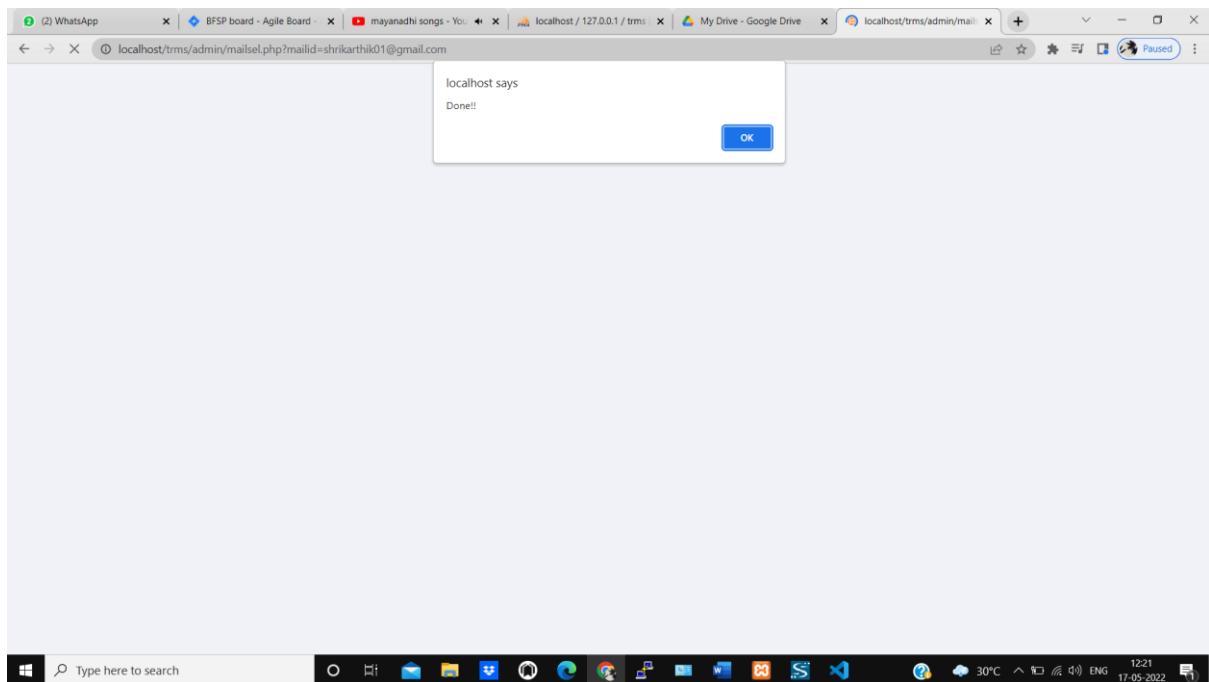
Dashboard / Candidate Status / Candidate Status

Candidate status

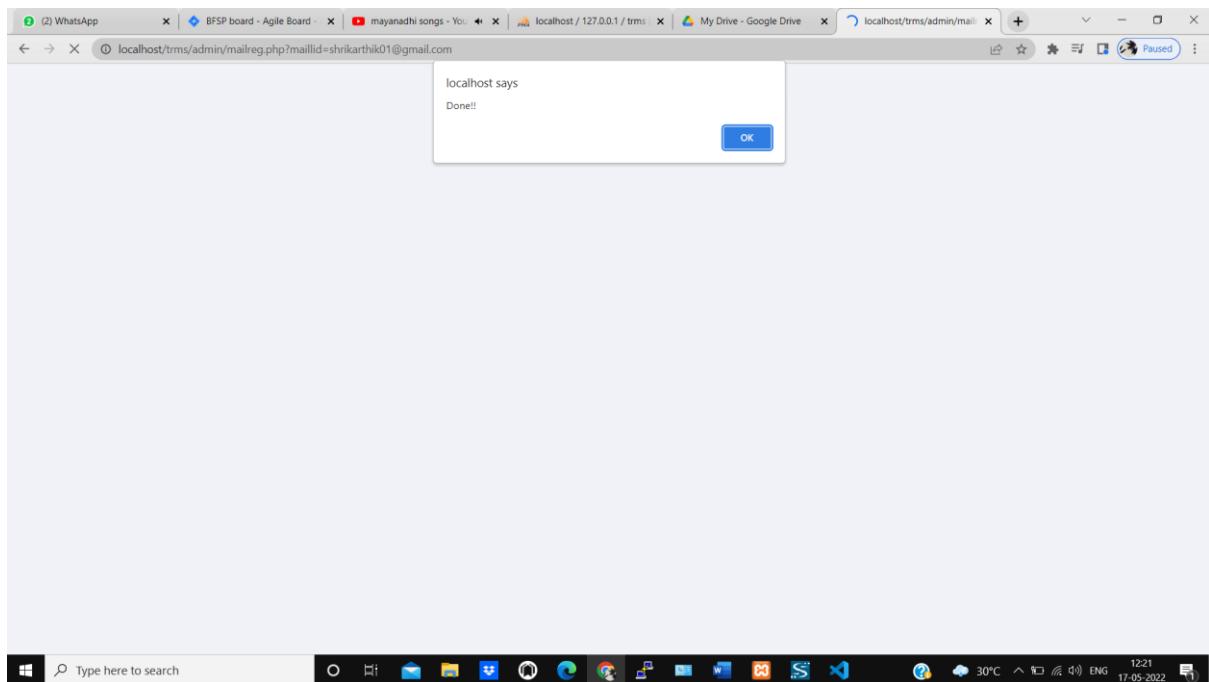
Applicant No.	Candidate Name	Email	Status	
1	Anuj kumar	ak@gmail.com	Selected	Rejected
2	John Doe	jogoe12@yourdomain.com	Selected	Rejected
3	sk	shrikarthik01@gmail.com	Selected	Rejected

Type here to search

O E M S C W X S Q 30°C ENG 12:23 7-06-2023



Hi, This is to inform you that you have been selected for the job position at University of Houses.



12:24 258 KB/S Now 4G 55% +

◀ 📂 🗃 📧 ⋮

Sorry Better luck next time!! ⭐

Inbox

U universityofhouses@... 1:39 AM ← ⋮
to me ^

Hi, This is to inform you that your application have been rejected for the job position at University of Houses.

2

U universityofhouses@... 1:55 AM ← ⋮
to me ^

From universityofhouses@gmail.com
To shrikarthik01@gmail.com
Date May 17, 2022, 1:55 AM
🔒 Standard encryption (TLS).
[View security details](#)

Show quoted text



Add Questions

Add a Question

Add a Question

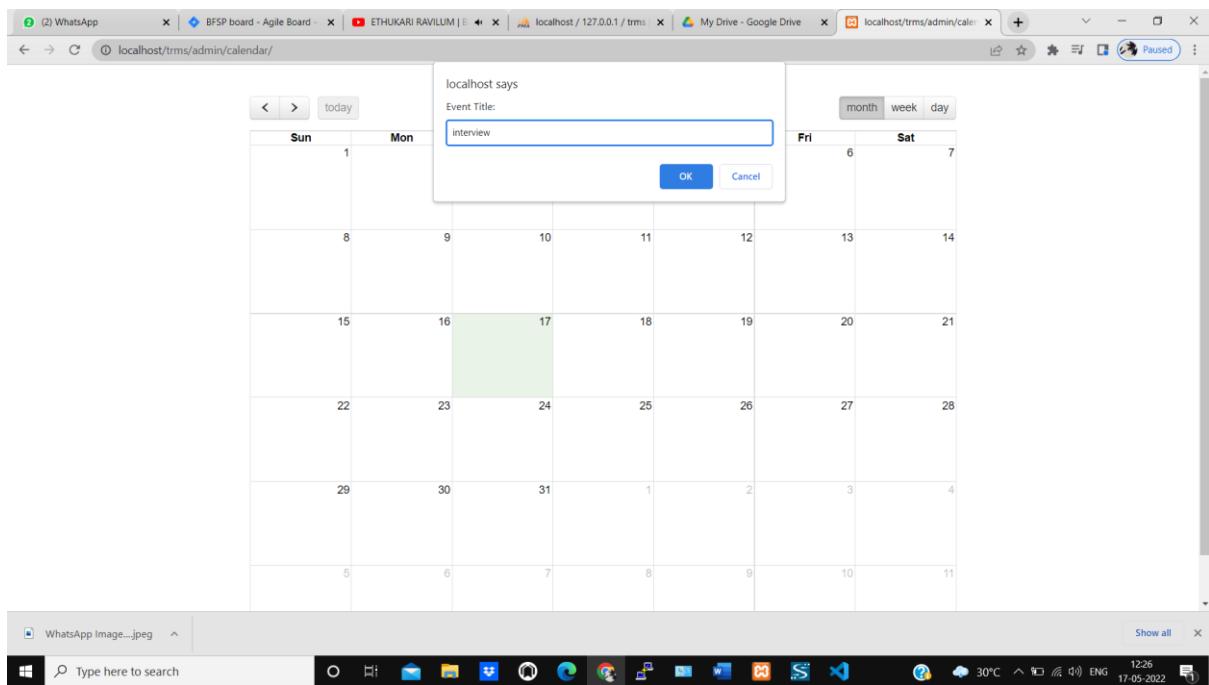
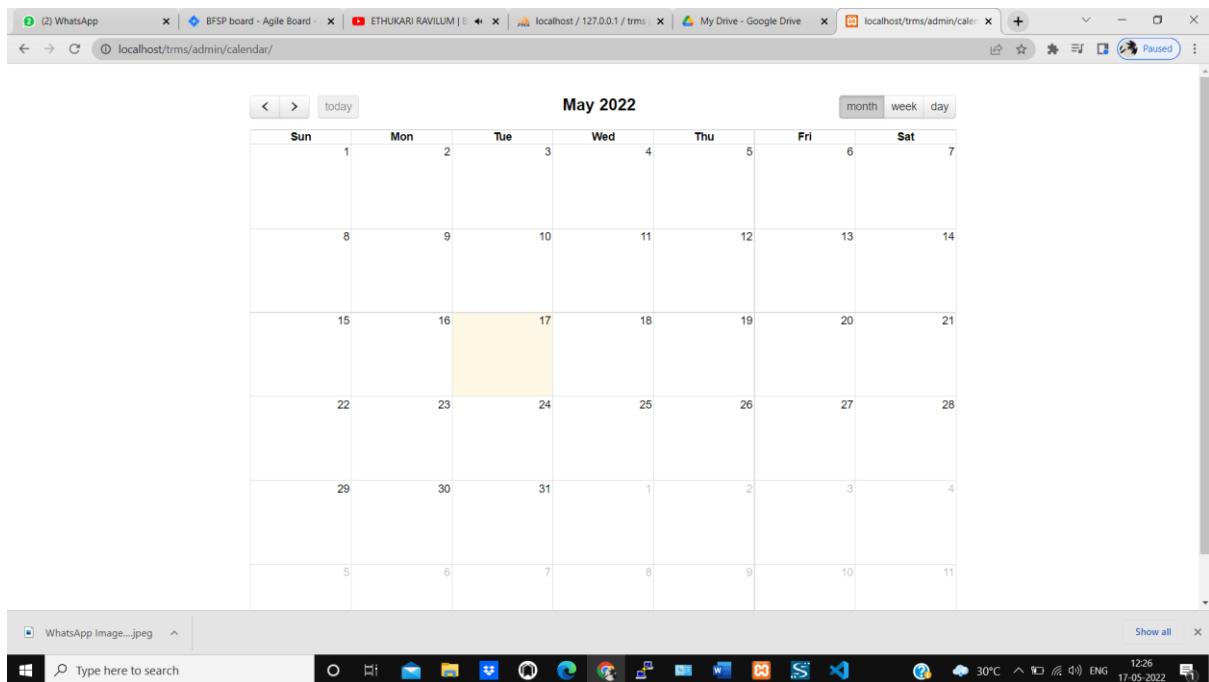
Add New Question

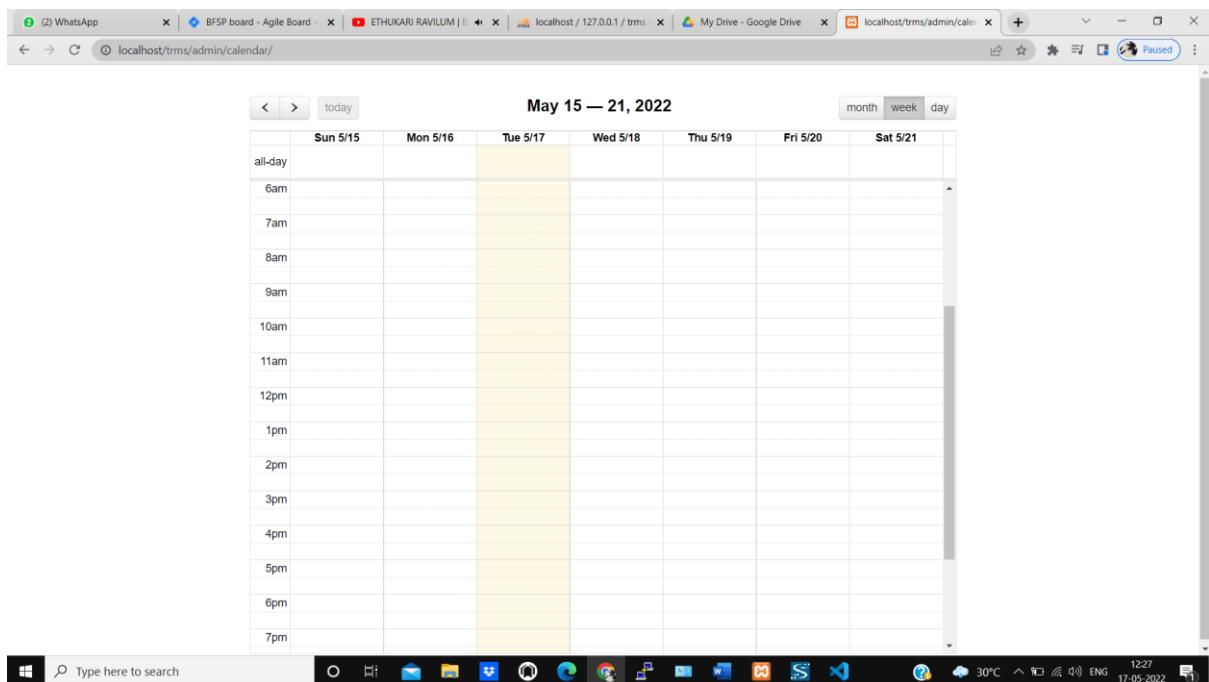
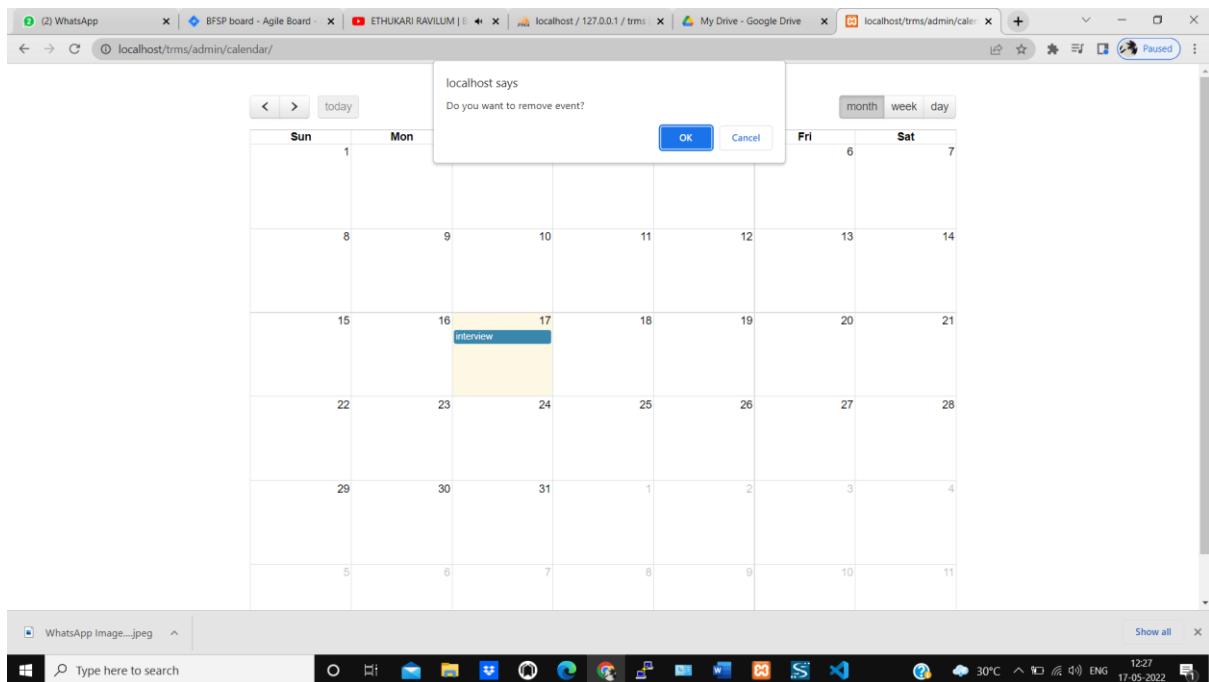


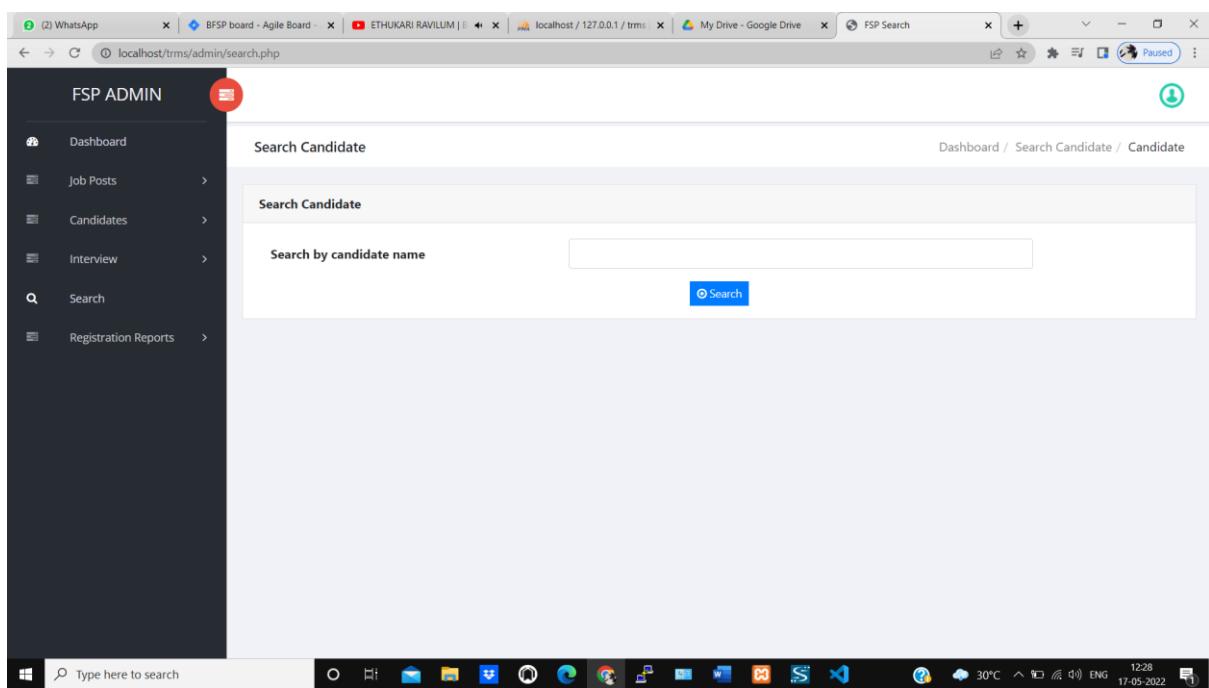
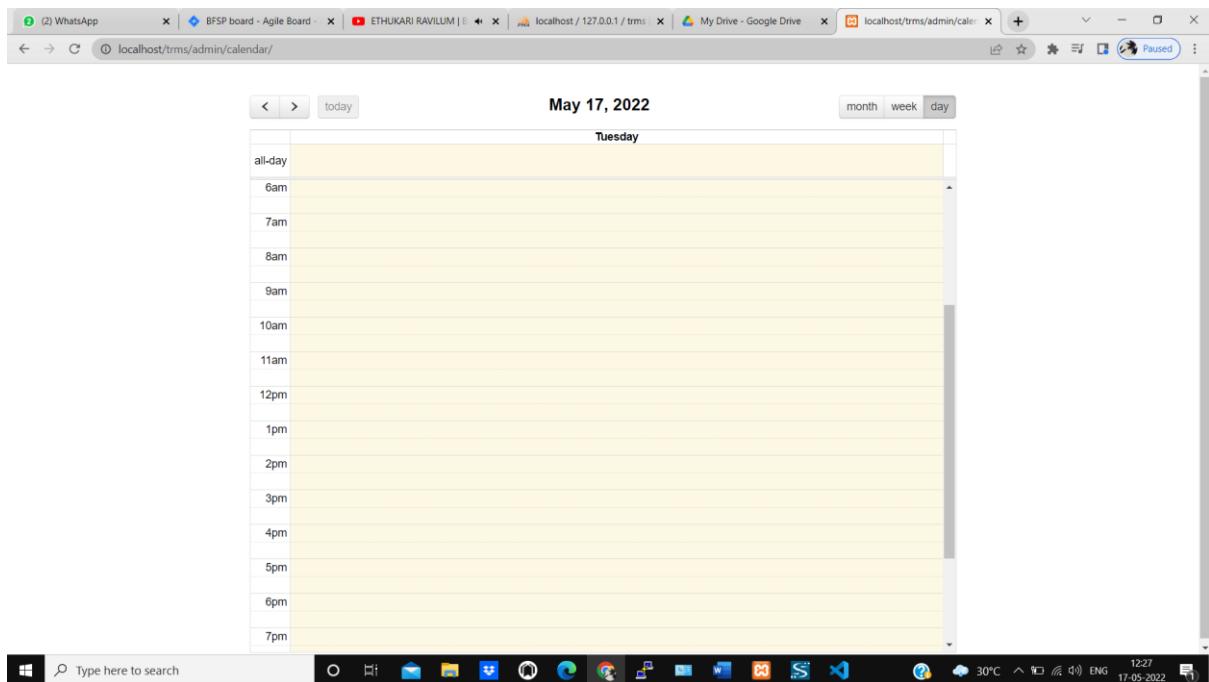
View All Questions

SL	Question	Action
1	What is your photoshop experience?	Edit Delete
2	What is your seo experience?	Edit Delete
3	What is the important of email marketing?	Edit Delete









The screenshot shows the 'Search Candidate' page within the FSP Admin interface. The left sidebar includes links for Dashboard, Job Posts, Candidates, Interview, Search, and Registration Reports. The main content area has a header 'Search Candidate' and a breadcrumb trail 'Dashboard / Search Candidate / Candidate'. A search form allows inputting a candidate name ('Search by candidate name') and a search button. Below this is a table titled 'Result against "sk" keyword' with columns: Applicant no., Candidate Name, Job post, Registration Date, and Action. One row is shown for 'sk' with registration date '2022-05-17 12:09:56' and buttons for 'Edit' and 'Delete'.

The screenshot shows the 'Between Dates Reports' page within the FSP Admin interface. The left sidebar includes links for Dashboard, Job Posts, Candidates, Interview, Search, and Registration Reports. The main content area has a header 'Between Dates Reports' and a breadcrumb trail 'Dashboard / Between Dates Reports / Reports'. It features two input fields for 'From Date' and 'To Date', both set to 'dd-mm-yyyy' placeholder text, and a 'Submit' button.

Between Dates Reports

From Date: 16-05-2022

To Date: 17-05-2022

Submit

Between Dates Reports

Report from 2021-10-17 to 2022-05-17

S.NO	Teacher Name	Subject	Registration Date	Action
1	Anuj kumar	Chemistry	2022-03-05 18:11:37	Edit Delete Queries
2	John Doe	Science	2022-03-12 13:32:21	Edit Delete Queries
3	sk		2022-05-17 12:09:56	Edit Delete Queries

Conclusion:

The aim of this project was to develop a website that would help applicants register for the faculty position at a university. It also allowed the admin to consolidate the data of the faculties that had registered for the also allowed the admin to communicate with the admin in case they had been selected/rejected. Being one of the biggest universities it would be hard to manage all these new applicants and this software can ease out the job of the admin.