

mPlacement Tracker Mobile App / Sem -8

Plan:

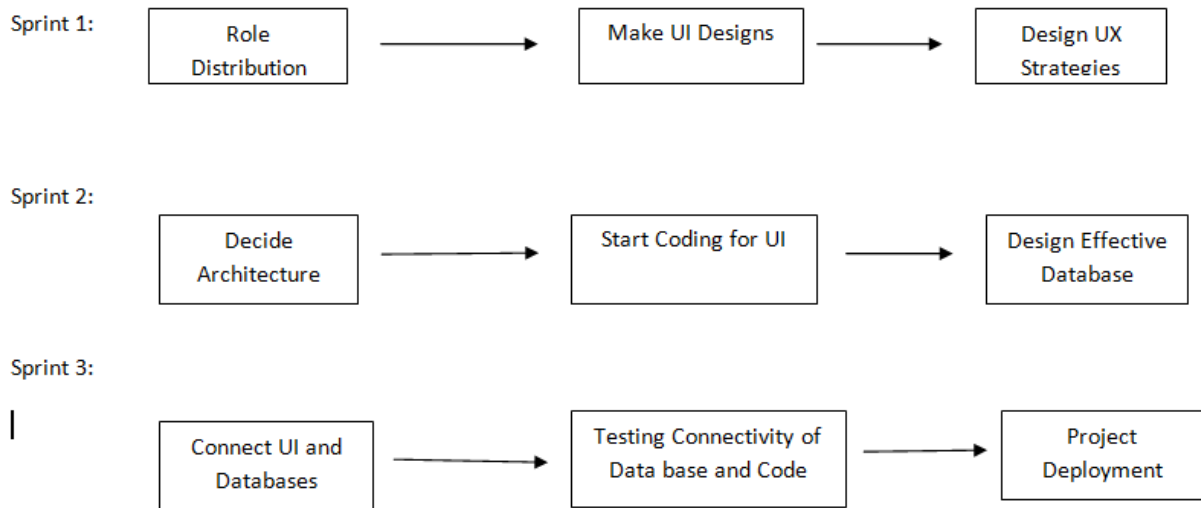
SDLC: Agile

Sprint 1: Sprint planning and role distribution

Roles:

Individual work

Spring Planning:



User Stories:

As a student I want to see all the companies coming to college for hiring so that I can register for them in time.

As a student I want to see all the hiring details of each company so that I can be aware of the job description that I am applying for.

As a student I want to get notifications on every new company added to the app so that I can apply for them.

As a student I want a form in which I can submit my details so that I would be able to get shortlisted for the company automatically.

As a teacher I want to view all the companies that have come to campus so that I can guide students accordingly.

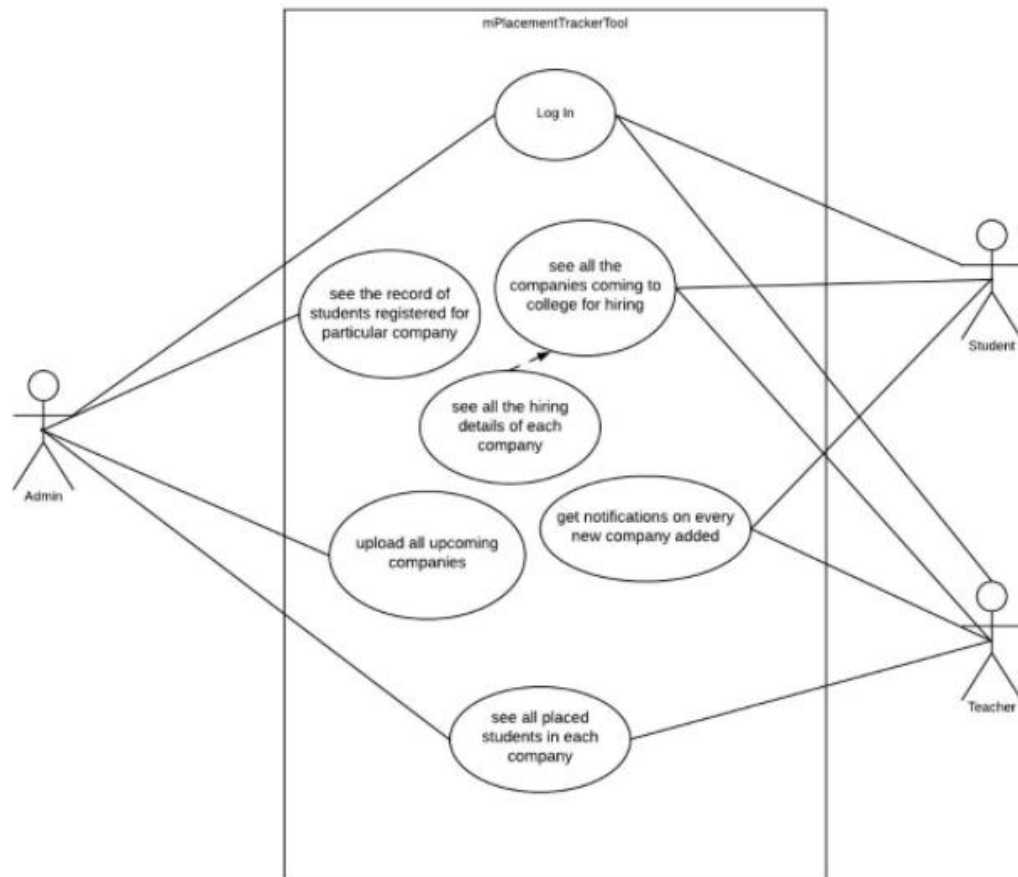
As a teacher I want to see all placed students in each company so that I can maintain good record with me.

As an Admin I want to be able to upload all upcoming companies to the app so that students can register for them.

As an Admin I want to see all placed students so that I can maintain good record with me.

As an Admin I want to see the record of students registered for particular company so that I can start further process of placement with those particular students.

Use Case Diagram:



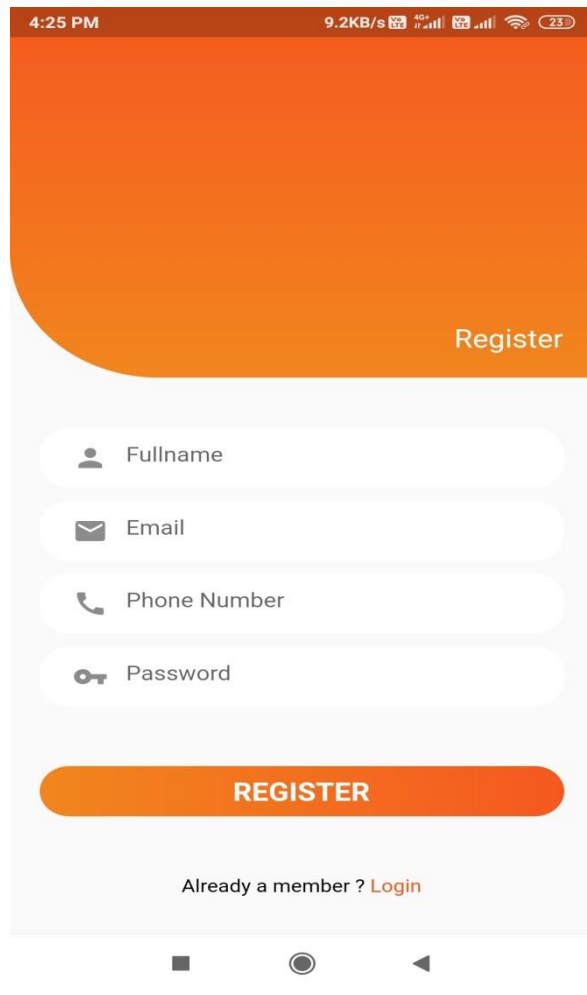
Name: Hiteshwar Sahay

Roll No: 170047

Subject: Mobile Application III

Date: 09/05/2021

Designs



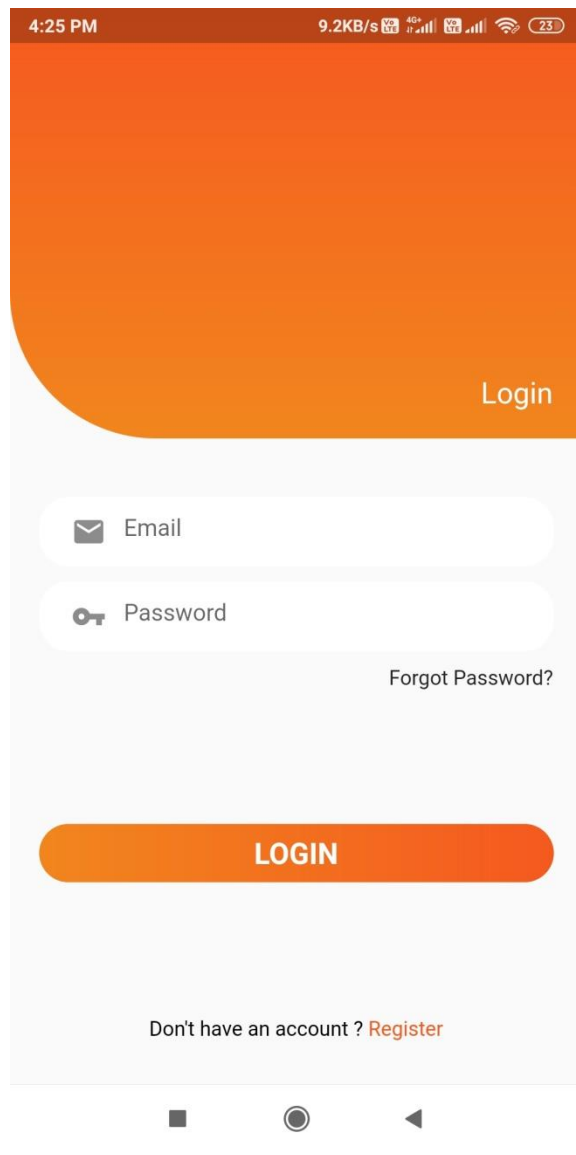
The image shows a mobile application registration screen. At the top, there is a status bar with the time 4:25 PM, data speed 9.2KB/s, and various icons. The main header is a large orange rounded rectangle with the word "Register" in white text at the bottom right. Below the header, there are four input fields, each with a small icon on the left: a person icon for "Fullname", an envelope icon for "Email", a phone icon for "Phone Number", and a key icon for "Password". Below these fields is a large orange rounded button with the word "REGISTER" in white capital letters. At the bottom, there is a link that says "Already a member ? Login". The entire screen is framed by a light gray border, and at the very bottom, there are three small black navigation icons: a square, a circle, and a triangle.

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Development

Frontend

The Front end was coded on the basis of designs in dart language.

Test Plan, Test Cases, Test Execution, Test Results

Test Cases: mPlacementTracker						
Sr. No.	Test Case ID	Test Case	Description	Steps to Execute	Test Data/ Input	Comments
1	TC-001	Perform Simple button test	Click on Student button, Teacher button and Admin button	Open the application click on all three buttons one after another to check their functionality.	Click on buttons.	Task completed successfully.
2	TC-002	Check fee status	To check if fee status is showing or not	Tap on check fee button after logging into Student account	No input.	Got the required fee status.

3	TC-003	Check placement related assignments	To check whether assignments are showing or not.	Open the student dashboard after logging in then go to check assignments.	No input required	Task completed successfully.
4	TC-004	Result of placement tests	To check if the result of previous given placement test is showing.	Go to student dashboard after logging in. Click on check results history.	No input required except login credentials	Task completed successfully.
5	TC-005	Load company details.	To check if the company details are provided like role description, job location & JD.	Go to student dashboard after logging into account. Click on any company listed	No input required except login credentials -	Task completed successfully.