

Name: Aastik Gautam

Roll No: 170024

Mobile Application Development – III

Project Planning

mPlacementTracker

Project Plan:

SDLC: Agile

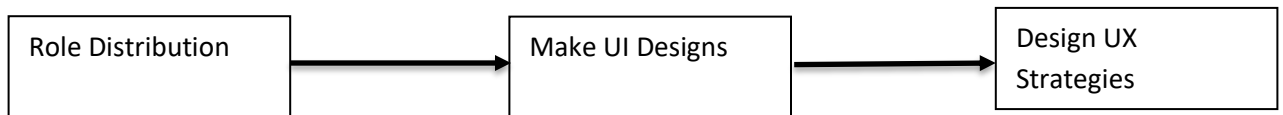
Sprint 1: Sprint planning and role distribution

Roles:

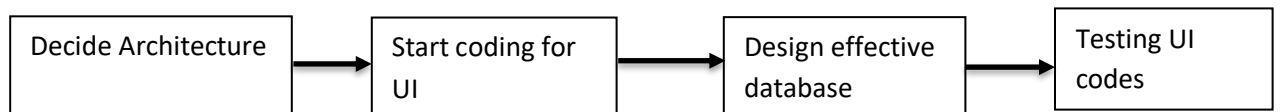
1. Sumit Kumar: Backend Developer
2. Yash: Database designer/developer
3. Aastik: UI/UX designer /developer

Sprint Planning:

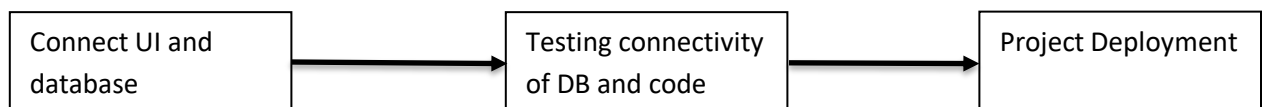
Sprint 1:



Sprint 2:



Sprint 3:



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Work Meeting Schedule and Interaction Notes:

- Division of roles between team.
- Discussed what work needs to be done.
- Discussed different users of app for user-stories.
- Made test cases and debugged the code during meeting.

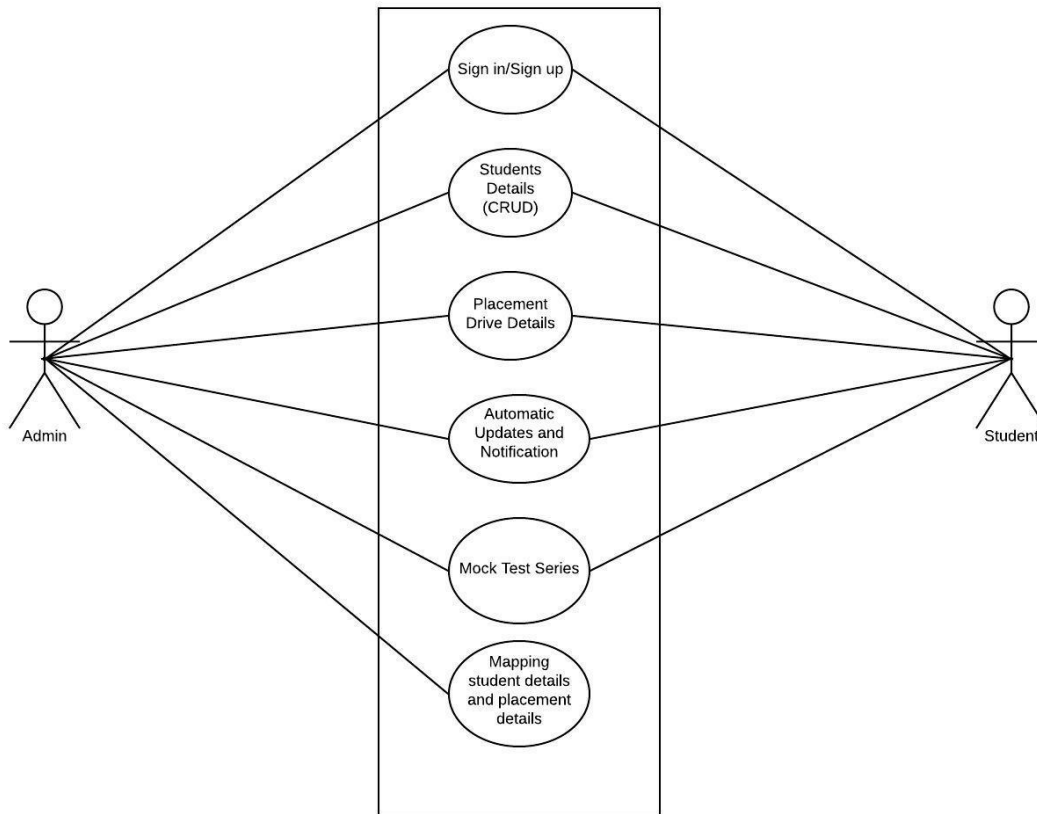
User Stories:

- As a student, I want to see all the companies coming to campus for hiring, So that I can apply for each placement drive.
- As a Student, I want to CRUD operations, so that I can update or delete my information accordingly.
- As a student, I want to receive automatic updates and notifications, so that I can apply in every company and know whether I got selected in any company.
- As a student, I want mock test papers, so that I can be prepared to give hiring tests easily.
- As a student, I want to see all the details of the companies and the jobs they are providing, so that I can apply according to my profile.
- As an admin, I want to see all the companies coming in the campus, so that I can update the same to every student and guide them properly.
- As an admin, I want to see which student gets placed and he/she joins that company, so that I can stop sending them further updates.
- As an admin, I want to see all the details of the students and companies, so that I can map the eligible students and companies accordingly.
- As an admin, I want to receive information of students that clears the first round and those who does not, so that I can send them updates/notifications accordingly.

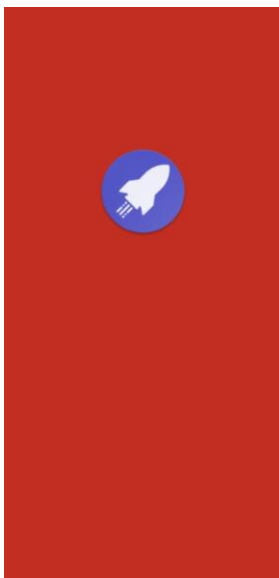
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Use Case Diagram:

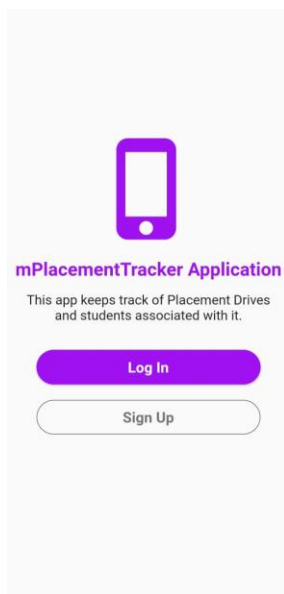


Visual Designs and Graphic File:



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Test Plan, Test cases, Test Execution, Test result;

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.

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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.

Quality Analysis:

Making Code Changes

- Test PRs rigorously before requesting review.
- Include test cases you've checked for in your PR description

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Reviewing Code

- If the change is substantial and user-facing, pull down the branch.
- Test for cases (particularly edge cases) that the PR author may have missed.