MAD III – Project mPlacementTracker Planning

Project Plan:

SDLC: Agile

Sprint 1: Sprint planning and role distribution

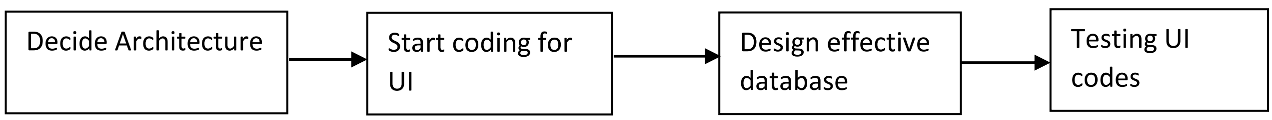
Roles:

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

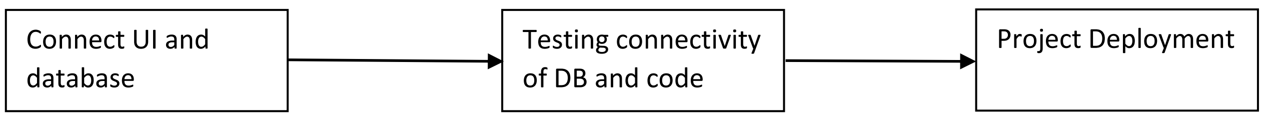
Sprint Planning:

Sprint 1:

Sprint 2:



Sprint 3:



Work Meeting Schedule and Interaction Notes:

Division of roles between team.

Discussed what work needs to be done.

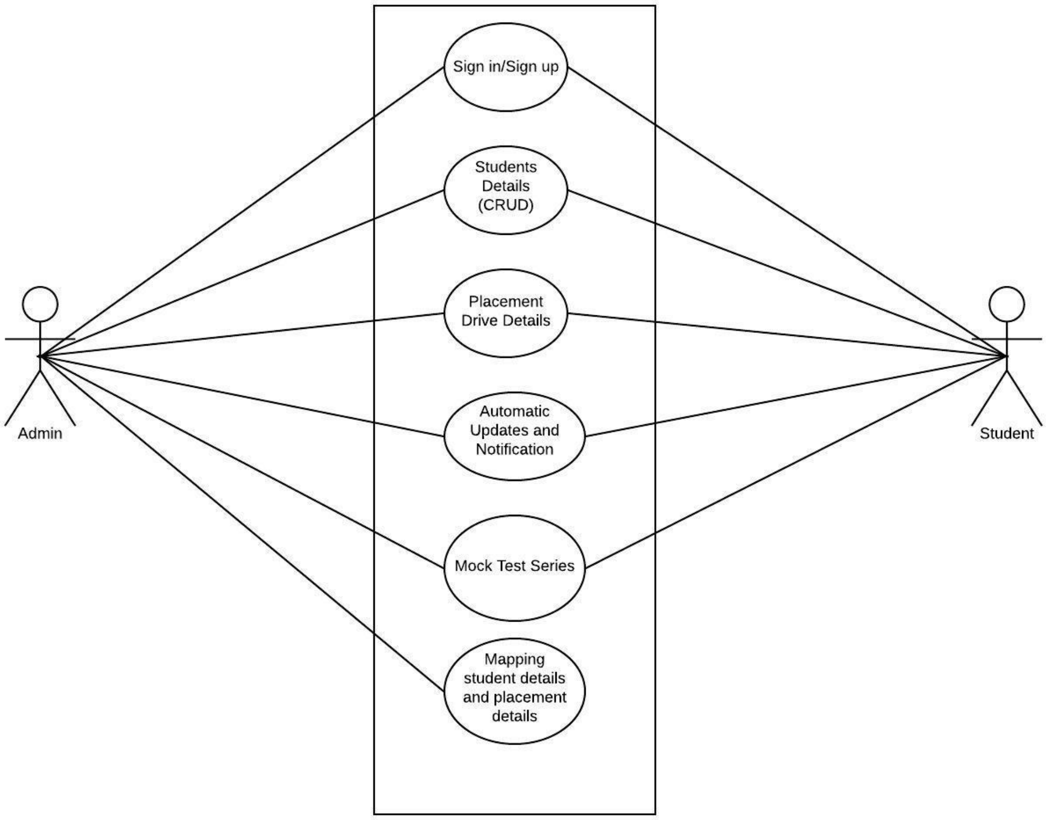
Discussed different users of app for userstories.

Made testcases and debugged the code during meeting.

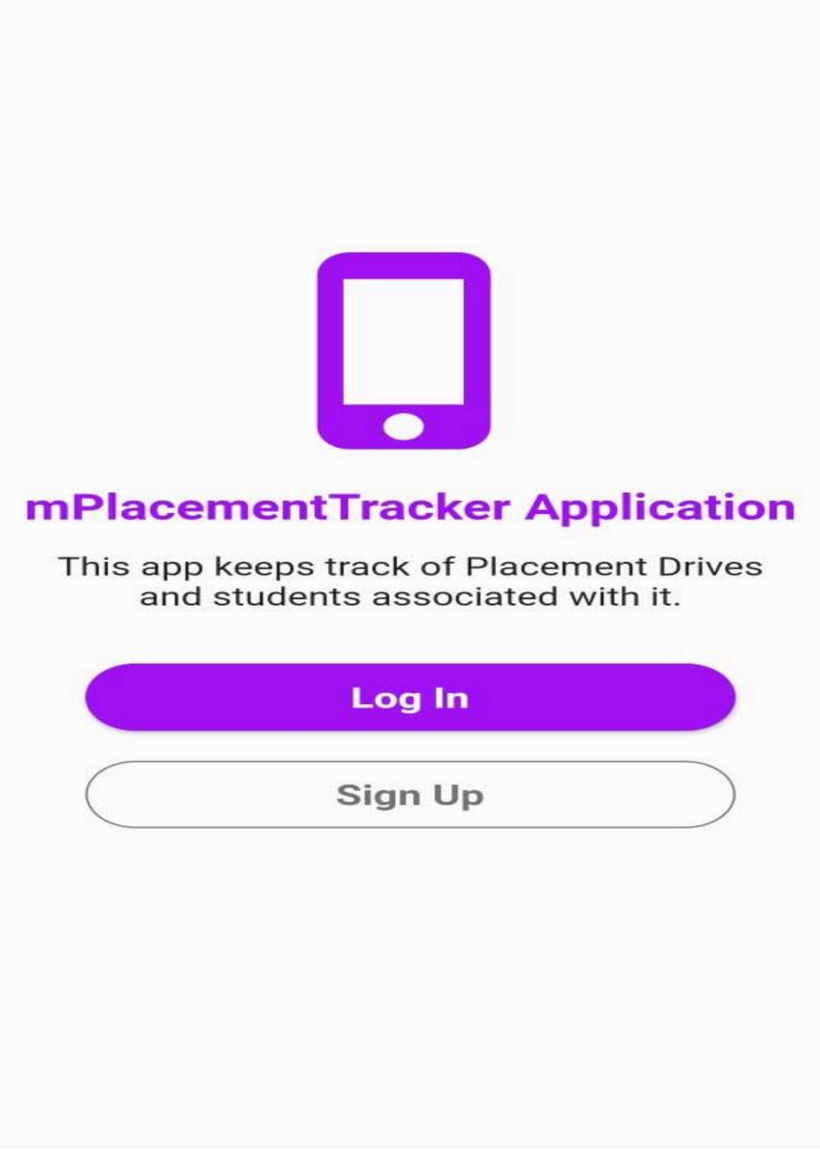
User Stories:

- 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.

Use Case Diagram:



Visual Designs and Graphic File:



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.*

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.*	*No input required except login credentials*	*Task completed successfully.*
				Click on check results history.		
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.*	*No input required except login credentials*	*Task completed successfully.*
				Click on any company listed	-	

Quality Analysis:

Making Code Changes

→ Test PRs rigorously before requesting review.

→ Include test cases you've checked for in your PR description

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.