M6 (W13): Final Product

Each group must submit a report <u>by 3pm on the day before the weekly meeting with the TA</u>.
A report contains three parts, submitted in three different files. Only one report per group is submitted.

PART 1 (pdf, file name <YourProjectName>_Status.pdf):
A 1-page status update that includes
1) A high-level description of the progress since the previous milestone (M5).
2) Major decisions and changes in the scope of the project (since M0).
3) The contributions of individual team members to the work done so far.

PART 2 (pdf, file name <YourProjectName>_Presentation.pdf):
A presentation describing your project. It should contain 5 slides:
1. The motivation and the goals of your project.
2. Main functional and non-functional requirements. Clearly identify the three main use cases of the project – with external API, with push notifications, and with non-trivial logic, as defined in M1.
3. Your high-level architectural diagram, including the main components and technologies that you used for front-end, back-end, external APIs, databases, etc.
4. Your testing setup and the most recent test run results and code coverage.
5. The most important lesson you learned from the project.

PART 3 (mp4 or mpeg, file name <YourProjectName>_Video.mp4 or .mpeg):
A 3-4 minute video demonstrating your app. Make sure to focus on the three main use cases of your app. A recorded voice narrative is desirable but not essential. You might need to talk over your video live (in the meeting) if no recorded narrative is available.

IN THE MEETING:

Bring with you:

1. Two printed copies of your M1 (requirements), M2 (design), and M5 (testing) reports, **modified** to include the most up-to-date requirements, design, tests, coverage, and test run results. Please clearly mark your changes from the original milestones.
2. Mobile device running your app.
3. To demonstrate a live-updates scenario, please either bring another device or set up the emulator to act as the second device.
4. A computer set up to show your code (frontend and backend) and to run your test suite.
    o Have your backend up and running.

Be ready to:

1. Make a live demo of your project.
2. Have the course instructors "play" with your app.

3. Show and run your code – for both the front-end and the back-end.
4. Show and run your test cases – for both the front-end and the back-end.
5. Run Codacy.
6. Answer questions about any other aspects of your project.
   - Please note that, in the interest of time, multiple instructors might ask questions on different aspects of the code in parallel, e.g., front-end and back-end developers in parallel.

GRADING:

Will be based on
- Presentation quality (covers all the required material, clarity of explanations, etc.)
- Feature-completeness (all requirements are implemented and are fully functional.)
- App UI usability (easy to use, clear).
- Back-end quality (checks error conditions, secure, performant, etc.)
- Testing quality (coverage, quality of the oracle, etc.)
- Ad-hoc code / test review.
- Answers to clarification questions about the project.