



MECHANICAL ENGINEERING DEPARTMENT

INTRODUCING

ONLINE STUDENT'S PROJECT MANAGEMENT SYSTEM

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INTRODUCTION

This is a application that allows students and project coordinator to interact with each other easily. The main purpose of this application is to enlighten the burden of the project coordinator and students in their final year project. The application will only be available for Android only.

This application will replace other applications such as Microsoft Project, Google Classroom, etc. in managing the project because it has more functions that were designed specifically for final year project related task.

PROBLEM STATEMENT

Roughly 800 students will be involved with the final year project per semester and when faced with such an enormous number of students, it puts a huge burden on the project coordinator's shoulder. The project coordinator has the responsibility to provide information to the students, process all the forms, and data compiling. This could be tedious, for instance, information regarding the project couldn't always reach the students, and the coordinator often needs to provide the same answer for the question that has already been answered numerous times.

For students, they have to deal with the confusion of not knowing the full details. The most common among students is not knowing exactly how many forms are required to be printed for the presentation, the results are all the questions that find it's ways to the project coordinator's WhatsApp

OBJECTIVE

- To develop an application which reduces the workload of students and coordinator
- To enhance an intuitive and responsive user interface of the application to reduce the complicity for users.
- To compare the efficiency of the current management system with the application Void.
- To ensure the application runs smoothly with minimum bugs and errors.

SCOPE

- The application will only be available for Mechanical Department of Ungku Omar Polytechnic.
- The application will only be available for android devices.
- The design of the application's user interface is based on material design and is done using Adobe XD and Adobe Photoshop.
- The entire application is written in Java language.

METHODOLOGY

Identifying The Problems

Group Discussion

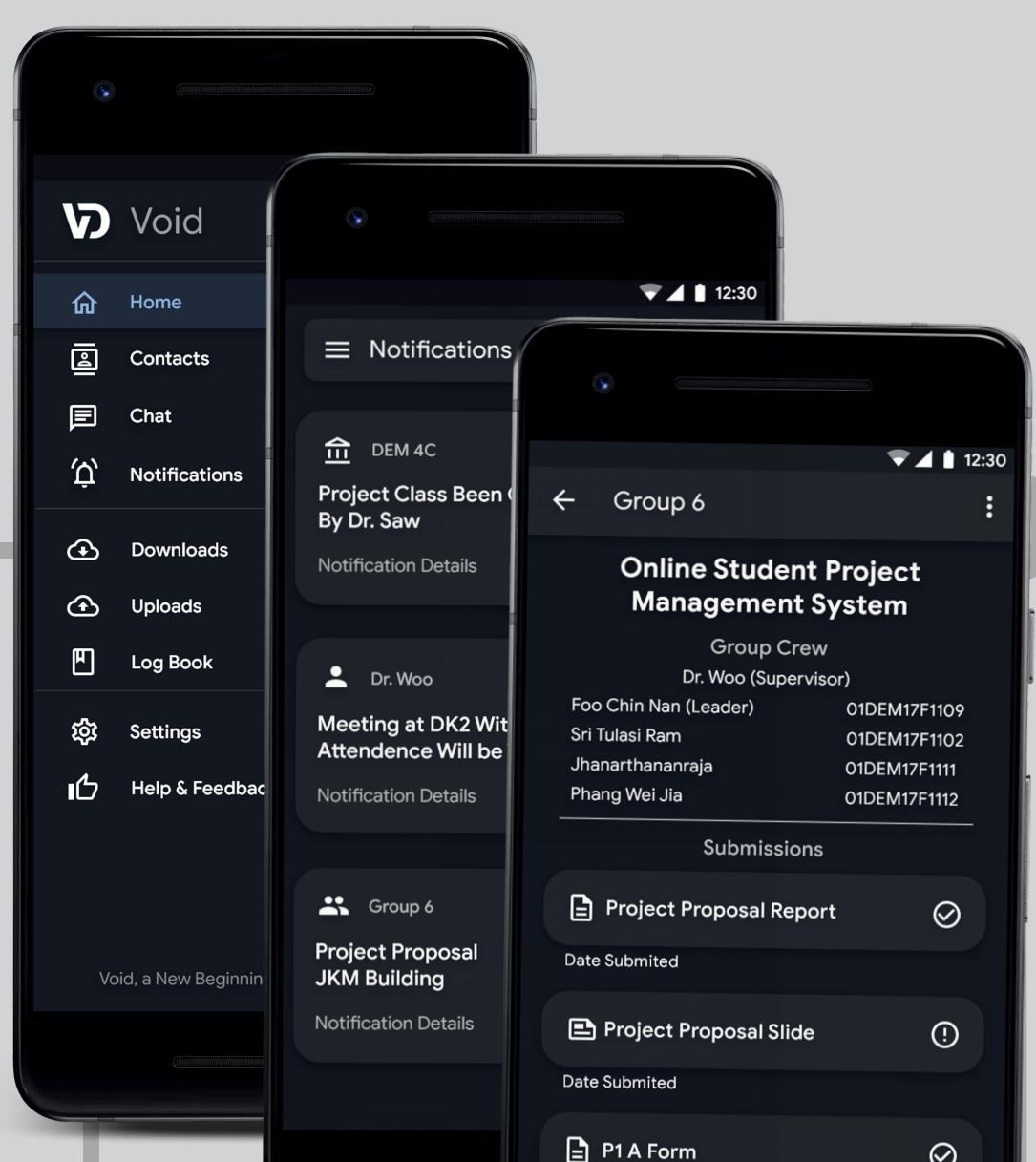
Designing The Application

Programming The Application

Bug & Error Fix

Beta Testing

Completed



CONCLUSION

For students, final year project is one of the most important things in their education. The development of this application has helped solved these paperwork problems faced by students and lectures. They can keep track of their progress at anytime by using the application through their phones. It has solved the problems like having a limited user quota and the needs of meeting supervisors every week. The application not only helps to save time, but also ease communication, and reduce the workload of fellow lecturers. However, there is always room to improve, it is only limited to Mechanical Department of Ungku Omar Polytechnic and it is limited to only Android users. In final words, students and supervisors both should be able to access and monitor the flow of the project effortlessly any time anywhere at the tip of their fingers.