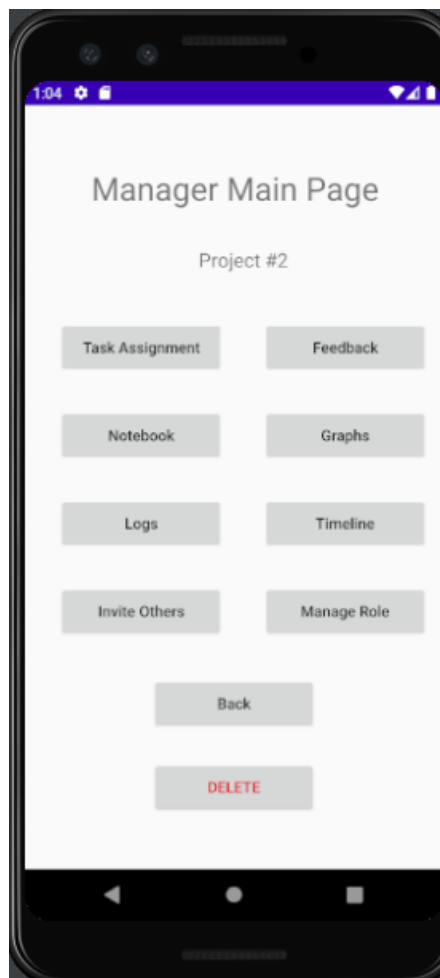


Program Planner

Program Planner is an android mobile application in Java version for managing project development. It will keep track of each process of doing a project and can implement multiple projects at the same time. Users are easy to register by using a username and password. All data from users are storing and managed by Google Firebase. The app designs three roles for users, each role has the corresponding permissions. The manager role can implement all functionalities of the Main Page of the user interface but not the Feedback function. The client role only operates the Feedback function to leave feedback and set a timeline. The developer does not have permission to use the Feedback and Manage Role functions. Following two pictures give part examples of user interfaces. The image of the Project List is for a user to create projects as a manager and join other projects as a developer or client. The image of the Main Page shows the main functionalities for users.



- Task Assignments: add and assign tasks to each member of a group
- Feedback: leave feedback and set a timeline for tasks

- Notebook: brainstorm and discuss throughout the project development
- Graphs: upload and manage graphs
- Logs: record the process during the platform execution
- Timeline: add, edit, or delete a deadline for each procedure
- Invite Others: invite client or developer to join a project
- Manage Role: allow a manager to change roles and kick team member