ProjectConnect Inception

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1 Project Conception

1.1 Initial Features

List of core features which describe base functionality and features that are designed to entice the users.

- User accounts (Sign in requires privacy requests)
- View Mode (scroll through base information of projects)
- Sending email to project facilitator when user applies project
- Make project page
- Database storing live data of accounts and projects

1.2 Risk Management

Risk	Severity	Response
Insufficient Backend	Low	Backend is not required in order to successfully convey the idea to the users. The backend can be implemented to the user in a later version when the app is put to the market.
Security	Low	The app will contain private individual's data, it is important for the system to safely store the data using can encrypted system.
Lack of android experience	High	Learning using resources from the internet and networking with fellow team mates and other teams will help overcome to lack of knowledge/experience.

2 Development

2.1 Tools

During the development stage a numerous number of tools and programs were used. The main focus of the project was the application of android studios. This program used GUI, idle and source control to assist in the production of the app. Android studios GUI interface for the structure and framing of the application was mainly used to adjust and implement the design given by the User Interface sketches. Firebase is a google offered service enables small companies to initialise a database. The backend of the application was set up using this service with a simple data configuration.

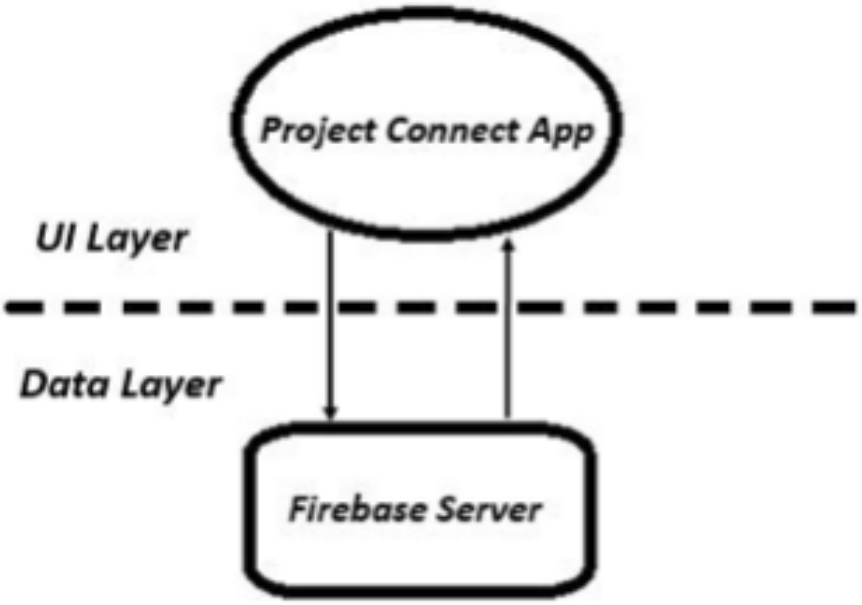
2.2 Version Control

Github was used to combine, save and control versions of code implemented by all team members. Whilst Github was the repository that was used, SourceTree was used to implement the push, pull and revert functions to write, read and edit the repository.

2.3 Coding Convention

A common code style was used throughout the iteration process, this code ensured a clean, readable and executable file. The code followed conventions as outlines by the University of Queensland as presented by applicable subject using java.

2.4 Initial Architecture



2.5 Testing

Conducting intermediate testing is important in the prototype process and allows for work flow and debugging. During the implementation process the engineers used debugging methods such as trial process were the core functions were used and attempted to be broken.