

COP 290 Assignment 2

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March 2016

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1 Objectives

Design an app which which is :

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- TODO

2 Overall Design

TODO

1. The server side will be programmed in Python
2. The android app will be made using Java
3. Volley will be used to send requests and receive responses
4. Doxygen will be used to create HTML documentation of the entire code base.
5. The entire code will be split up in multiple files to ensure modularity in code.

3 Sub Components

3.1 Server Back End

The back end has been divided into further sub components to facilitate the development process.

- 3.2 Network APIs
- 3.3 Android App Front End
- 3.4 Android App Back End
- 4 Interaction amongst Sub Components
 - 4.1 Back-end and Android App
 - 4.2 Back-end and Network
- 5 Testing Of Components
 - 5.1 Server and APIs
 - 5.2 Android App
 - 5.3 Overall Testing
- 6 Extra Features
- 7 Future Endeavours
 - TODO
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References