

Project Proposal

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This document is a brief project outline for the cs4084 android app development module. I am going to be doing this project alone. My app will be a basic copy of the whatsapp messaging app, implementing wireless communication between two devices with the app installed. Although I believe this is a fairly major project to be doing alone I'm pretty confident I shouldn't have too many issues getting it completed as I am already well advanced in my other projects this semester, which will allow to focus a lot of my attention on this project. I intend to use the Volley http library for network connections and scheduling and set up an online server via Amazons EC2 services. I believe that the app will consist of 4 views:

1. Log in or sign up view
2. Log in view
3. Sign up view
3. Main messages view
- 3: New Message view
- 4: Contacts view

I anticipate the design and layout of the app to be quite basic, with the main complexity being the need to keep local app databases up to date with messages pushed to the main database on the server.

This diagram should give a very basic overview of how the app, databases and services should interact:

