Development Phase Document: CovidBeds

Current Phase: in development

Features:
1. User authentication, login, ability to change the password
2. Public dashboard displaying database information (non ICU, ICU, and Dialysis beds available)
3. Registered hospitals able to alter their own data in the database
4. Shows when data was last updated
5. Ability to set hospital as destination in Google Maps, nearest hospital. (yet to be implemented)

Permissions:
1. Internet
2. Location (yet to be implemented)

Frameworks/APIs/Tools used to implement:
1. Android Studio and Java: Android
2. Firebase Realtime Database: realtime updating database
3. Firebase Authentication: user authentication
4. Jsoup: Webscraping for "last updated timestamp" feature in order to prevent users from faking the time by manipulating device settings.
5. Google Maps API (yet to be implemented)

Interface Design: