

1. Name of project: **MEDHUB**



2. Aaron Hanrahan: CS 227, CS 228, Java, HTML, CSS (4th sem.)

Siddharth Nair: CS 227, 228, 230, Java, Html, Java Script, Python, 4th semester in college

Luke Thunga: CS 227, CS 228, CS 230, CS 327, CS 321, C++, C, Java, ARMv8, 4th semester

Evan Danforth: CS 227, 228, 230, 295X, Java, html, Python. 4th semester.

3. Problem being addressed: To increase efficiency in the scheduling process concerning the medical field

4. Description of project:

- a. What problem will this project will solve: This project will include the organization of patient records and scheduling of patient visits. This program will allow for the admin to input data and allow for a more customizable experience. The admin can access all patient records and scheduled appointments, while this information is confidential to the client. The project will be in the form of a mobile application where the patient will be able to easily access and print information on the go.
- b. How our project will work (what pieces make up project): The project will have a front end UI which basically serves to make navigation throughout the app easy and intuitive. In addition the UI will also strive to help make the input of data from the secretary and the doctor quick and easy. In regards to the back end of the server, it will be able to store and recall information to help manipulate data.

5. Language(s)/Platform/Library: Java, Android Studio, Spring Boot

6. Complexity (work for the project & potential hurdles):

- a. Multi-user (doctor, secretary, patient/client).
- b. Server side:
 - i. Properly structuring database.
 - ii. Relationships between users and entities.
- c. Start mobile, potentially web.

