

SE Sprint 1

Team 7 -> Aayush Subedi and Siddharth Chhabra

Progress of 1st Sprint

In this sprint we started the programming phase. We started by creating various html files for our web services such as registration, login, index etc. and beautified it with the help of CSS. After that we started using flask a web framework which helped us develop and host our web service. Then we created various queries and ran them through python SQLite which is a self-contained file-based SQL database that will store all our important data like citizens, owners, hospitals, and admin's information. Our progress till now is explained in detail below:

- + Successfully implemented registration page for Visitor and Place Owner like asking them for information and safely putting it in our database.
- + Giving Visitor (Citizen) an option to choose if he wants to provide phone number or email or both.
- + Creating a QR code for scanning after completing the registration process of Citizen.
- + Successfully creating a login page for Hospital and Agent. (The agent's credential – username and password are already created by us)
- + Place Owner receives a QR code as soon as he registers with us.
- + Agent has access to information about user and owners in the form of a table. (Still in Progress)

List of Libraries/Frameworks used

Flask == 2.0.3

Pillow == 9.0.1

Qrcode == 7.3.1

Languages = Python, HTML, CSS, SQL (inside of python file)

Database = SQLite