Group 20 CSCI-C212 Project Report (4/26/2019)

Our final design of the project is to demonstrate the hospital system. We have three big categories: Doctor, Patient and Assistant. All three are able to register their username and password, and later on they are able to log into the system. Also, they could add contact information too. For patients, they also could add their info and login. They could also request appointment, and could be notified if the doctor’s time is available or not. The assistant is the one who check if the time is available and approve or deny patient’s appointment. Also, assistant could view patient’s past appointment too. For this part, we thought about putting this past appointments into the data file, but we decided to use a arraylist and prints the arraylist at the end so assistant could see additional info without requesting it. The login system might not work smoothly, since there’s was little problem at the end. But we manage to fix the error and able to run the system. For testing activities, at first, we used something.file to store the doctor’s information and patient’s schedule and all kinds of information. But it was quite hard to compare between files so we decided to use the something.data. This data type lets us compare fast and easy. This is one of the thing that we learned while doing the project.