**07/27/2021**

**Agenda:**

1. Finalize the database diagram and corresponding relationships

2. Determine the the tasks before code submission and presentation submission next Tuesday(08/03) and report submission next Friday(08/06)

**What we did since last meeting:**

Shiyun: created a google slide template for the presentation, designed a database diagram and relationship between each entity based on the project.

Check the presentation slides here:

<https://docs.google.com/presentation/d/16BNLONbvDdi7eHreesK2yuw_rOOC0b4NJVnJmQTEiZE/edit?usp=sharing>

Check the ER diagram here:

<https://lucid.app/lucidchart/invitations/accept/inv_2588053d-edd2-41ba-9208-f3c556e3f823?viewport_loc=-350%2C-282%2C2220%2C910%2C0_0>

Thanh: worked on patient features(add a patient, delete a patient and edit a patient)

Chris: worked on sign in feature

**Blockers need to be solved in this meeting:**

React: useState,useEffect, onClick

**What we are going to do:**

**Final Project Presentation:**

•Requirements: Shiyun

•Major design decision and architecture of the application: Shiyun

•Describe the functionality: Kaiqi

•Have a demo: Thanh Le

•Discuss the challenges encountered:

•Describe what you plan on doing next: Chris (notification system to remind patients of appointments/prescription refills/appointment scheduling)

Everyone will have 2-3 minutes to go through their slides.

The date to finalize all the codes(include to create a pull request, complete code review and merge the codes to master branch):

Sat: Shiyun, Chris, Thanh all free

The date to record the presentation: to be determined on Sat

**Populate the database based on the relationships between each entity: Shiyun**

**Entity sets:**

1.Medical staff(staffId, password, firstName, lastName, email, DOB, position,departmentId)

2.Department(departmentId, name, description)

3.Patient(patientId, firstName, lastName, DOB, gender, diagnosis, hospitalizedDate, dischargedDate, insuranceId, billId)

4.Ward(wardId, bedId, patientId)

5.Pharmacy(pharmacyId, name, operationHour)

6.Insurance(InsuranceId, name, phoneNum, address)

7.Bill(billId,amount)

8.Medicine(medicineId, name)

**Relationships:**

1.Medical staff treats a patient(staffId,patientId)

2.Medical staff works in a department(staffId, departmentId)

3.Patient stays in a ward(patientId,wardId,bedId)

4.Patient has a bill(patientId, billId)

5.Patient has insurance(patientId,insuranceId)

6.Patient takes medicine(patientId, medicineId)

7.Patient belongs to a department(patientId, departmentId)

8.Patient visits pharmacy(patientId, pharmacyId)

9.Pharmacy has medicine(pharmacyId,medicineId)

10.A ward belongs to a department(departmentId,wardId,bedId)