Meeting notes

Date: Aug 2, 2021

Items:

Time	Description
10min	Select one of the two topics for the project
30min	Installing and setting up the development environment

Notes:
1. We have decided to choose **'Covid-19 vaccine booking and management system'** as the topic of our project

Date: Aug 9, 2021

Items:

Time	Description
15min	Confirm use case diagram
30min	Domain model

Notes:
1. We figured out the users and thought about use cases for this project
2. Task assignment: **use case and diagram - Chutong & Lingge**
   Domain model and diagram - Gaoli & Zhiming

Date: Aug 15, 2021

Items:

Time	Description
70min	Finish and polish the report together
10min	Finish checklist

Notes:
1. We finished the report together and uploaded it to github.

Date: Sep 15, 2021

Items:

Time	Description
60min	Database tables
30min	Ask questions for the design

Notes:

Database:
- **Administrator:** adminID\password
- **Recipients:** recID\password \name\birthDate**timeslotID - foreign key mapping\hcpID**\suitable for vaccination
- **Health care provider:** hcpID\password \hcpType**name**\postcode
- **Vaccine:** vacID \vacType
- **Timeslots: timeslotID(identity field)** \date\time\ hcpID **- association table mapping**
- **Timeslots- health care provider:** ID**timeslotID\hcpID**\numLeft
- **Questionnaire:** questionnaireID\<u>userID\age</u>\health factors(multiple col)(**dependent mapping**)
- **Proof:** userID

Domain:
- Class timeslot: timeslotID, date, time, **health care provider:[]**, **Recipients: []**
- Class admin: adminID, (password)
- Class **Recipients: name,** recID, date of birth, hcpID
- Class **HealthCareProvider: name,** hcpID, (password) , type, postcode

Question:
- **Timeslot:**
  - ☑ ~~Could more than one health care provider hold Time Slots at the same time(eg. 16:00-17:00 on August 1st)?~~
  - ☑ ~~Should one timeslot attach vaccine type?~~
  - ☑ ~~Should there be more than a timeslot at the same time (eg. 16:00-17:00 on August 1st) held by one health care provider?~~
- **Questionnaire:**
  - ☑ ~~What should underlying health factors be?~~
  - ☑ ~~How to determine the suitability of vaccines?~~
- **Health care provider:**
  - ☑ ~~What is the type of health provider? Could you provide some examples/webs?~~

Date: Sep 17, 2021
Items:

Time	Description
30min	sign in and sign out function
30min	Navy bar list on the 3 types of pages and connect to database

Notes:

        Front end -Chutong
        Back end -Lingge, Gaoli
        The connection between front and back- Zhiming

        Sign in: select role, ID, password

Date: Sep 19, 2021
Items:

Time	Description
30min	Booking detail and status on page
30min	Connect to database

Notes:
        The booking page has provider, date, time, type.

Date: Sep 21, 2021
Items:

Time	Description
30min	Add vaccine type and numbers to the list
30min	The logic of manage vaccines.

Notes:
        Providers can edit vaccines' numbers and the admin can add vaccine type.

Date: Sep 23, 2021
Items:

Time	Description
30min	Questionnaire detail
30min	Connect to database

Notes:
Before answer questionnaire, select type/ provides/ date/ time first.
Separate two pages about add questionnaire and edit questionnaire.

Date: Sep 24, 2021
Items:

Time	Description
30min	Optimize the design detail
30min	Timeslot store detail
60min	Testing function

Date: Sep 25, 2021
Items:

Time	Description
30min	Talk about the report.
30min	Testing function.

Notes:
Providers can add timeslot and edit the number of vaccines on one page.

Date: Sep 26, 2021
Items:

Time	Description
70min	Finish and polish the report together.
10min	Finish checklist

Notes:
Providers can add timeslot and edit the number of vaccines on one page.

Users:
The Administrator
Vaccine Recipients
Health Care Providers
Objects:
vaccine

Requirement:
1. Online booking (Vaccine Recipients)
2. Create recipients accounts with biographical information (administrator)
3. Create provider accounts (administrator)
4. Add vaccine types (administrator)
5. Management application (administrator)
    a. Dates
    b. Times
6. View and filter all users and all time-slots(administrator)
7. User answer a short questionnaire(Vaccine Recipients)
8. add any number of time-slots (Health Care Providers)
9. Applicate proof of vaccination (Vaccine Recipients)
10. list dates and times of bookings(Health Care Providers)
11. Have a calendar view with all available time-slots at all Health Care Providers (Vaccine Recipients)
12. Have a view of time-slots only for a particular Health Care Provider.

The Administrator
        Create recipients accounts with biographical information (administrator)
                date of birth
        Create provider accounts (administrator)
                Name
                Postcode
                Type of provider
        Add vaccine types (administrator)
                AstraZeneca
                Pfizer
        Management application (administrator)
            a. Dates
            b. Times
            c. name
        view and filter all users and all time-slots(administrator)
Vaccine Recipients
        Online booking (Vaccine Recipients)
                a calendar view
                a particular Health Care Provider view of time-slots
        answer a short questionnaire
        Applicate proof of vaccination

Health Care Providers
　　　　　　list dates and times of bookings
　　　　　　add any number of time-slots (Health Care Providers)

Date: Oct 8, 2021
Items:

Time	Description
70min	concurrency issue
10min	Task allocate

Notes:
Administer:
☐ Delete vaccine type, at the same time provider/recipients choose this vaccine type.

Recipients:
☐ Choose vaccine type
☐ 2 people booking one timeslot

Health care provider:
☐ The health care provider has multiple logins with the same account.
☐ Add questionnaire(type)
☑ ~~Edit questionnaire (2 people edit at same time)~~
☑ ~~delete timeslot cannot find~~

Date: Oct 11, 2021
Items:

Time	Description
70min	Review coding
10min	Task allocate

Date: Oct 13, 2021

Items:

Time	Description
70min	Discuss optimistic locking (version) • Vaccine type • Timeslot Pessimistic locking • questionnaire
10min	Task allocate

Notes:
- Vaccine type - Gaoli, Chutong
- Timeslot - Zhiming
- Questionnaire - Lingge

Date: Oct 16, 2021

Items:

Time	Description
70min	Discuss Jmeter for testing
10min	Discuss write report

Date: Oct 17, 2021

Items:

Time	Description
70min	Finish and polish the report together.
10min	Finish checklist

Date: Oct 30, 2021

Items:

Time	Description
30min	Discuss write report

Date: Nov 1, 2021

Items:

Time	Description
70min	Discuss report content

Date: Nov 5, 2021

Items:

Time	Description
70min	Finish and polish the report together.
10min	Finish checklist