Project ideation

As I consider my project will be a system for patients to arrange an appointment with the hospital which means patients can finish all the process before they go to the hospital and see doctors.

1.Contexts

1.1The most important things to our system or software are Interactivity. In my personal view, the users of our software are base on the various year-gap. So the interactivity and portability of our software is the first thing I need to consider.

1.2In testing area, because it is a system binding with hospital and patients, So I will use plenty of dummy data to test the database working. The aim of the test is:

1.2.1The accuracy. I want to ensure that all the information of patients and hospital is located where they should be. I do not want to mess them up.

1.2.2The fluency. Aim to use the system nicely.

1.3For the system language, because of the portability, I want my system to be run on the phone in Andriod first So my system language will be Java.

1.4The Authenticity and updating data is also important. Because it will be a public software. The data in our database must be real and up-to-date as quickly as possible.

1.5The last thing is the protection of user information. None want to share their information or history of illness with others.

1. Techniques

2.1 The most important and most basic technique is the database. Our data upload to the database and get from the database. Not only the information of patients but also the information in the hospital.

2.2 As front-end, JAVA will be my first choice. Currently, I am learning and using JAVA, selecting JAVA as my program language will be easier to use.

2.3 Css

2.4 Html

2.5 Php

1. Inspiring work

The only thing I get inspired is a simple program in WeChat. The program is more like an AI. It will record your personal information like phone number and name.and upload to the hospital’s Cloud database. Thus the system in the hospital will record the information and arrange an appointment for the patient.

1. Initial ideas

I believe my ideas will be easy to know.users(patients)will use the front-end made by JAVA to choose their requirement and type in personal information. After this, the PHP will transfer this data to the database the be ready to transfer to the hospital system.