

## Summary work in 2 weeks

### 1. Analysis requirement

With receptionist: can be create document for new patient, lookup information of old patient and assign nurse to take care patient.

With nurse: can be make general diagnostic to check status of patient, decide who doctor to examine.

With doctor: can review old medical record of patient, can examine and decide list of require test for patient.

After analysis, I think that need some one can control list receptionist, nurse, doctor. Therefore must has administrator.

### 2. Test

Using EasyMock, Junit test to test some case:

- When Receptionist assigns to nurse → appointment with nurse will be create.
- When Nurse generic diagnostic new medical record → create new medical record.
- When Nurse assigns to doctor → appointment with doctor will be create.
- When Doctor require test for patient → create list test in new medical record.

### 3. Design interface

Using Balasmiq to desmontrate interface (attach file)

Form analysis requirement, I design the interface for each user interacted with system like that:

- When user sign in the system, it will be decentralise using. Using interface **Sign In**
- If you are administration, you can add, remove, modify staff and can add, remove, modify test using interface **AdministratorRole**, **AdministratorRole\_ManageStaff**, **Administrator\_manageStaff\_add**, **AdministratorRole\_ManageTest**, **Administrator\_manageTest\_add**.
- If you are receptionist, you can register new patient, lookup information of patient, assign nurse using interface **ReceptionistRole**, **Receptionist\_lookupInformation**, **Receptionist\_resultOfLookupInformation**, **Receptionist\_registerNewPatient**, **Receptionist\_assignNurse**.
- If you are nurse, you can generic diagnostic and then assign doctor using interface **NurseRole**, **Nurse\_diagnostic**, **Nurse\_diagnostic\_assignDoctor**.
- If you are doctor, you can examine and review old medical record using interface **DoctorRole**, **Doctor\_examine**, **Doctor\_examine\_reviewRecord**.

### 4. Research HUDSON

- Download and install it
- Make it interated with github
- Make it plugin with Maven

