

UNIVERSITY OF SCIENCE FACULTY OF
INFORMATION TECHNOLOGY



Course: CS300 – CTT502 – Introduction to Software
Engineering

PA0 – GROUP REGISTRATION & TOOLS SETUP

Group ID: Group07

Class: 20CLC11

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Project proposal

Introduction:

Idea: The application help patients can book an appointment at home and receive the doctor's prescription through app, they can also see their own medical record. Besides, doctors also have their own patient's medical records.

Why we made this app: we want to help the patients can go to hospital easier without preparing many documents and come to hospital early to book number offline.

Target users and environments:

Target users: doctors, hospitals and patients

Environment: patients' app will be use in Android support devices. Hospital and doctors use Web (it might be localhost to prevent outside accessions, the hospital's employee can just access into the web by the hospital's computer and all the doctor's accounts will be create and manage by the hospital's web admin).

Key features:

- + Create patient's accounts
- + Book appointments
- + Find the right services
- + Notifications for when to take medicine and have re-examination day
- + View patient's medical records
- + Accepts and decline an appointment by the doctors
- + Give prescription to patients
- + Add/Remove/Edit doctors from list by the hospital's web admin
- + Setting hospital services and working time by the hospital's web admin
- + Create sub-account for patients to not only book for themselves but they can also book for their family's members.