

Hospital Management System

Project Goal

The goal of the project is to facilitate health facilities in the midst of pandemic to be digital so that they can work more effectively. This app will mainly targets low-end health facilities in second-third tier cities.

Paint Points from the customer (Health Facilities)

- How to record patient data more effectively and eliminate paperworks?
- How to design a friendly UI and UX for non-tech savvy people?
- How to maintain the app working in offline mode, because we are expecting limited internet connectivity in those cities.

Project Scope

HMS wants to build an app (desktop/tablet/web based) that focuses on the low-end health facilities (small hospitals, puskesmas, klinik, etc). This app need to accommodate various roles in health facilities such as:

- Medical staffs - are the main users of the app, who inputs the patient data and process any inquiry of the patient. Usually medical staffs are located in the front lobby (Admission).
- Nurses and Doctors - are the secondary users of the app, who need updated information about their patients to plan desired acts. The subroles of this user are consultants (specialists), registrars (seniors), and residents.
- Other medical staff - who need to be given access into the app should be able to be added dynamically.

Key Activities

Medical Staffs (Admin)

- Admission - Add New Patient Data
- Admission - Assign patient to outpatient facility
- Manage patients data
- Manage doctors and outpatient sessions
- Manage outpatient scheduling & queue

Nurses & Doctors

- View patient data
- Process outpatient data
- Write a prescription