

Team – GoCode

Healthcare Management System

Agenda:

1. The purpose of this application is to provide the basic health care services along with advanced healthcare facilities in an innovative and efficient way at no cost to the people living in poor areas that do not have local access to these services or accommodation.
2. Such main services include but not limited to emergency treatment, organ donors, doctors & nurses' availability, healthcare infrastructure, etc.
3. The application database will contain **patient's** medical history records residing in the poor areas.
4. Create **Pharmacist** database – Process medicine and vaccine request from doctor, manage medicine and vaccination inventory.
5. Create **Supplier** database – To provides basic health care equipment and hospital materials to people in need free of cost.
6. Create **Doctors** database – Plan to appointment/treatment schedules (free treatment hours) for patients in need.
7. Create **Nurses** to provide services to the patient's (Record Vital Signs, View Patient History, View Blood Reserve).
8. Create **Donors** database – For donors to donate organs and blood for people in need.
9. Via this application, the patient can direct schedule an appointment with the doctor. Also, doctors can directly visit patients in need due to certain circumstances such as patient being handicap.
10. Employment opportunities for the local resident which could consist of nurses, emergency service responders and other staffs with proper training and education.
11. Any charity/trust fund can come forward and help to support in this good cause via this application.
12. Doctor can be able to request medicine and vaccine to the pharmacy based on medical history and able to see patient report.

Conclusion:

People in poor area with low income will receive free treatments and services from the hospital in an effective way and with faster services in a standardized method. This application will help to treat major diseases and provide faster health services to the patient in need due to the unavailability of proper healthcare system. This innovative application will benefit the people and provide better infrastructure to the poor areas which lack proper and advanced medical facilities.

Ecosystem Model for Healthcare Management System

