

Hospital Management System

OUR TEAM

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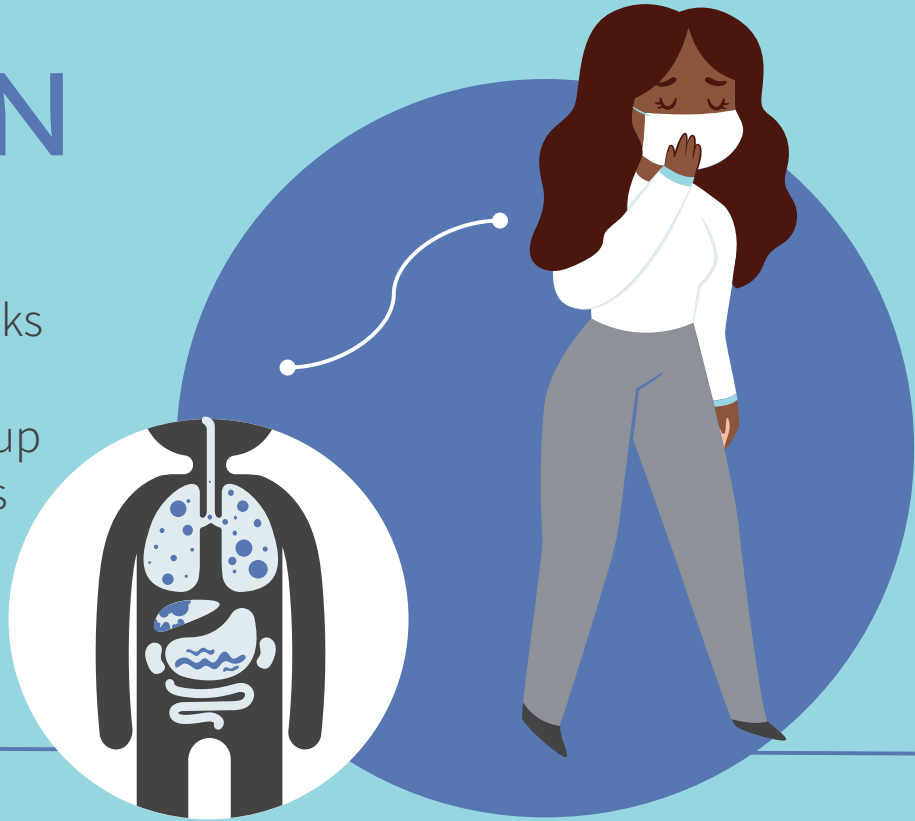
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PROBLEM DEFINITION

This is a management system console application which overlooks various hospital daily routine activities like keeping the records up to date, manage lab appointments and maintaining the Pharmacy inventory.



FEATURES

01

Doctor

- Doctor Record
- Add A Doctor
- Available Doctors

Patient

- Patient Records
 - Add a Patient
- Discharge a Patient
 - Visit a Patient

02

03

Pharmacy

- In House Patients
- Not A Patient
 - Search by Name
 - Search By Type

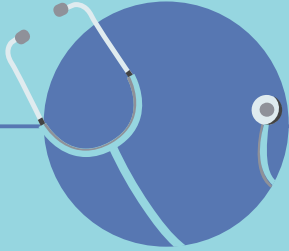
Facilities

- Available Rooms
- Cancer Care Unit
 - Labs At HKS

04

OOPs CONCEPTS USED

Inheritance



Encapsulation



Multi-threading



File Handling



Exception Handling



Doctor

- Reading doctor's data from the dataset
- Add a Doctor
- Check for available Doctors at that particular time.



Patient

- Reading patient's data from the dataset
- Adding a Patient
- Discharging a Patient
- Payment option for a patient
- Visit a Patient within visiting hours of the Hospital



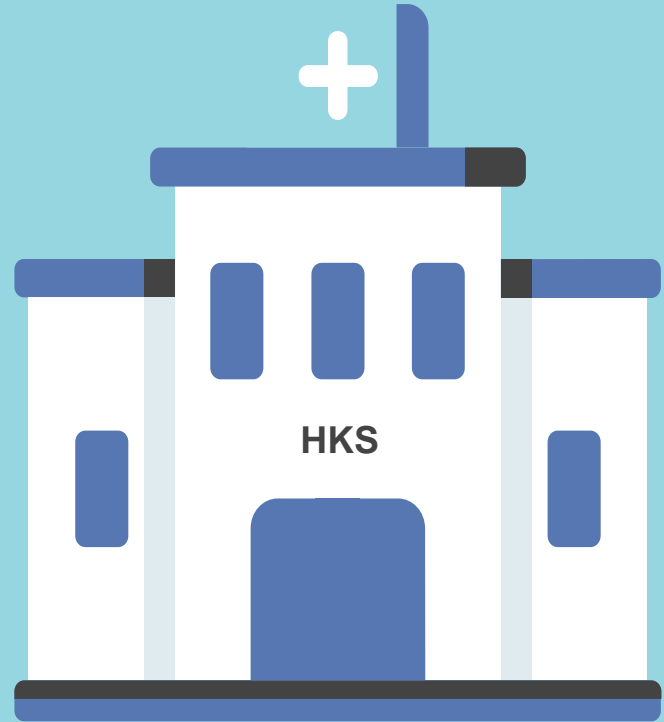
Pharmacy

- In-House Patient at HKS – the medicine bill of these patients is added to the patient records
- Not A Patient at HKS – The bill of these patients is to be paid on the spot
- Search of medicines can be done in 2 ways : search by name & search by type



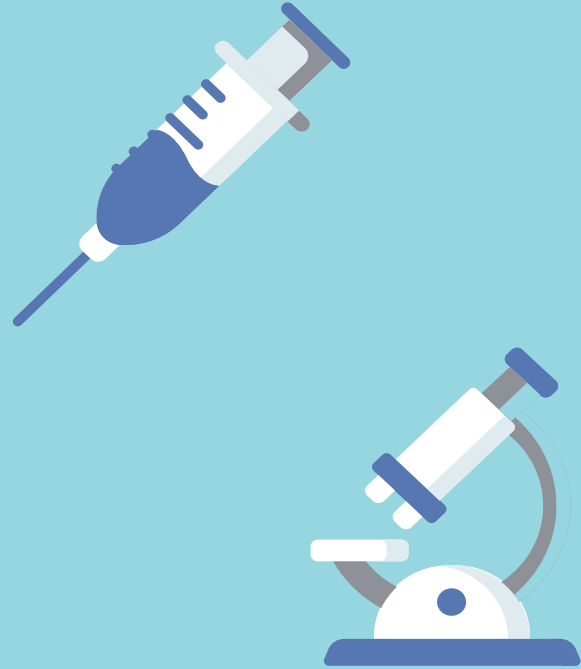
Facilities

- Available Rooms – Three Types of Rooms with the limit of visitors along with Price and Beds available at that moment
- Cancer Care Unit – Displays all the Cancer Specialists at HKS and a list of recovered Cancer Patients
- Labs at HKS – Scheduling appointments



Testing

- Book An Appointment –
Scheduling appointment for
different types of Test.
- Have An Appointment – Getting
the Test Done Based on the
Appointment Date



GITHUB LINK - <https://github.com/HarshitJain28/HKSHospital>

IMPLEMENTATION OF THE PROJECT

