



# SOFTWARE DESIGN AND ANALYSIS

## SECTION (B)

# HOSPITAL MANAGEMENT SYSTEM (HMS)

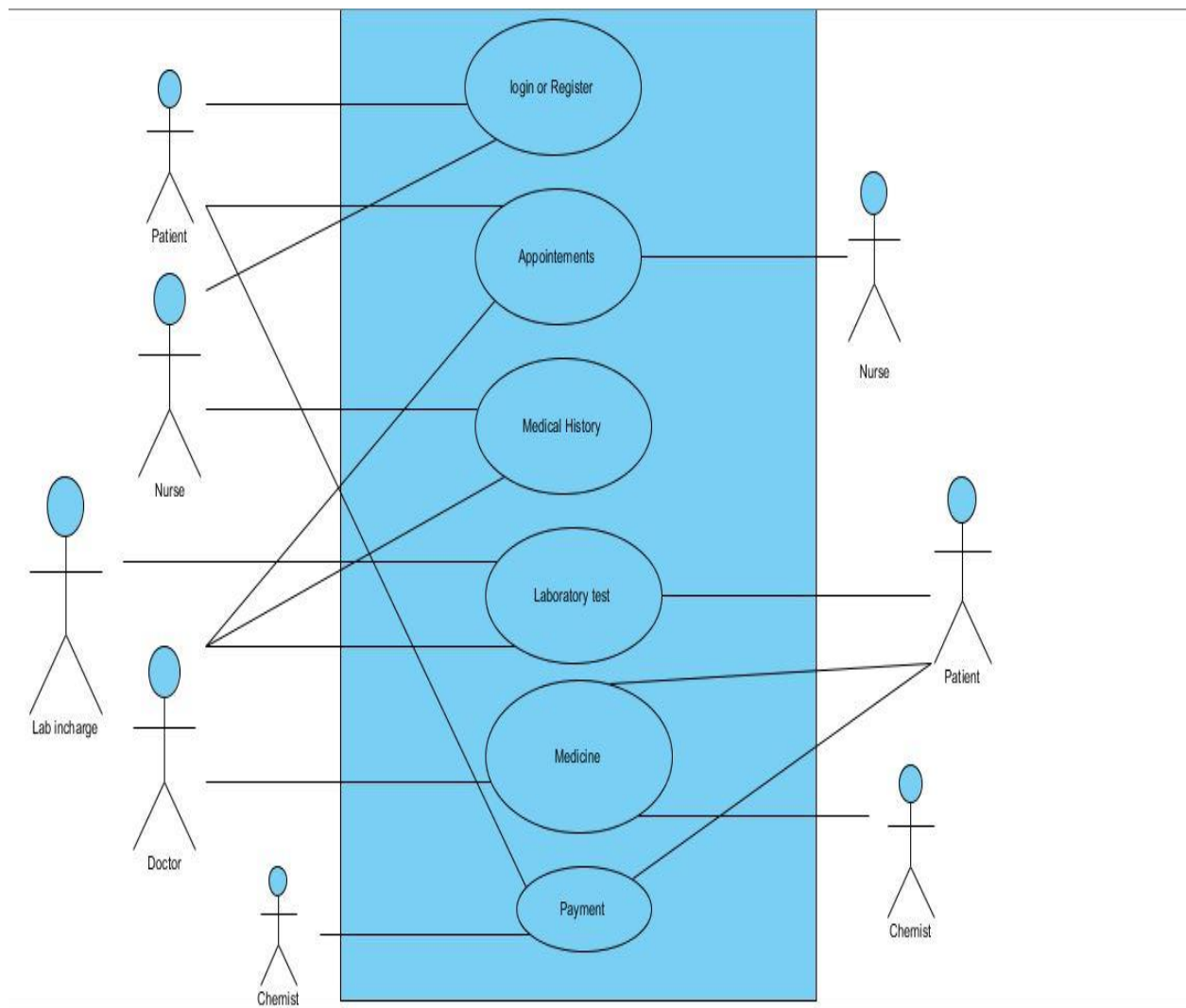
## PROJECT PROPOSAL

IBRAR BABAR (P19-0104)

**Note:** The project is Web based. In this proposal you will find description, attributes, class diagram and screenshots of the project.

Check the attached files to access Mysql file all php files used for this project.

- ❖ Actors
- ❖ Patient
- ❖ Doctor
- ❖ Nurse
- ❖ Chemist
- ❖ Laboratory
- ❖ Nurse
- ❖ Use Case



➤ Set of Classes/Objects in the HMS

## **Classes**

- Person
- HMS
- Reception
- Register Patient
- Available Patients
- Doctor Portal
- Available Doctors
- Check Available Patients
- Receipt

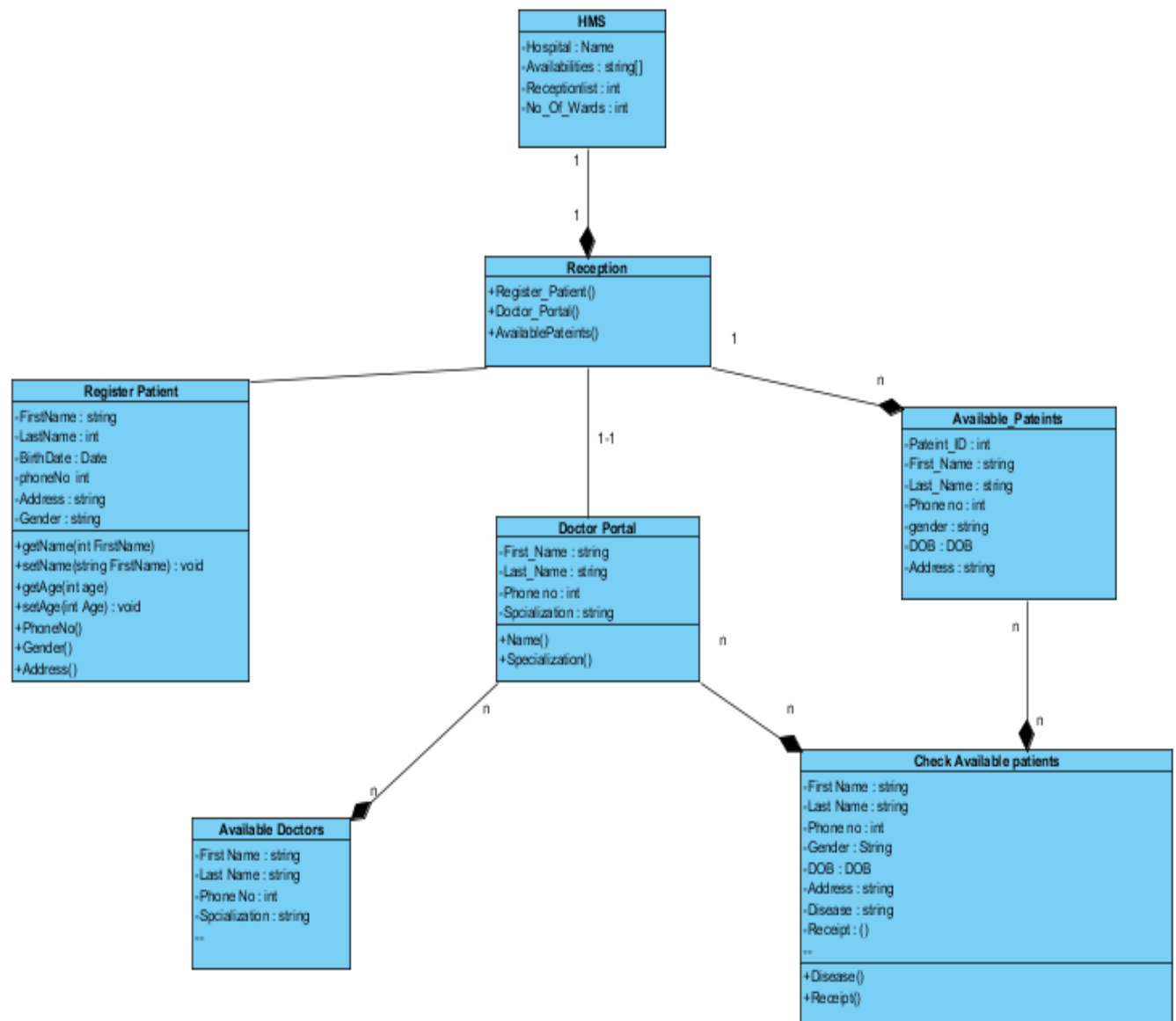
**NOTE:** There attributes will be in class diagram.

## **Associations**

Classes are interlinked with each other in a way, so that each patient get all the facilities which are required to every patient.

Firstly, a person come to hospital if he/she feel any sickness. Then he/she go to Reception to register his name, once his information entered then he is now a patient. He/she go to the consultant doctor, Doctor checkup him/her. In order to take tests of patient, the patient will be taken to the Lab for tests, and then after tests, the report sent to the Consultant Doctor. If needed Consultant doctor call the junior doctor to checkup the particular Patient. After that the Patient will be go to ward for further treatment and will be entertained by Nurse.

## **CLASS DIAGRAM**



SCREENSHOTS OF PROJECT

**Hospital Timing**

- Available 24 Hours
- 7 Days(Full Week) Service

**What we provide ?**

- Ambulatory surgical centers
- Birth centers
- Blood banks
- Clinics and Medical offices
- Mental health
- Rehabilitation centers
- Urgent care



Create Appointment

[Create Appointment](#)

Doctor Portal

[View Doctor Portal](#)

Patients Detail

[View Patients Detail](#)

Hospital Management System(HMS)

Enter Patient Detail

First Name:

Last Name:

Gender

Phone Number

Date of Birth

Address:

Register

Hospital Management System(HMS)

Patients Detail

First_Name	Last_Name	Gender	Mobile No.	Date of Birth	Address
ibrar	babar	MALE	13364	1972-06-15	Alraheem_Garden
Asjid	Tahir	MALE	58952	2000-05-17	Town Ship
Noman	Siddique	MALE	23153	2001-04-19	Mansera
Fariha	Ahmad	FEMALE	22421	2009-05-18	Gujrawala

## Hospital Management System(HMS)



Available Doctors Detail

[View Doctors Detail](#)



Check Patients Detail

[View Patients Detail](#)



## Hospital Management System(HMS)

### Doctors Detail

First_Name	Last_Name	Gender	Mobile No.	Doctor Specializarion
Dr Bilal	Sikandar	MALE	665364	Surgical
Dr Muzamil	Ahmad	MALE	987656	Heart
Dr Maham	Khan	FEMALE	589647	Gyna
Dr Munir	Rehman	MALE	586952	Emergency

Hospital Management System(HMS)

Patients Detail

Patient_ID	First_Name	Last_Name	Gender	Mobile No.	Date of Birth	Address	Disease	Receipt
1	ibrar	babar	MALE	13364	1972-06-15	Alraheem_Garden	Disease	Receipt
2	Asjid	Tahir	MALE	58952	2000-05-17	Town Ship	Disease	Receipt
3	Noman	Siddique	MALE	23153	2001-04-19	Mansera	Disease	Receipt
4	Fariha	Ahmad	FEMALE	22421	2009-05-18	Gujrawala	Disease	Receipt

Hospital Management System(HMS)

Patients Detail

Patient_ID	First_Name	Last_Name	Gender	Mobile No.	Date of Birth	Address	Disease	Receipt
1	ibrar	babar	MALE	13364	1972-06-15	Alraheem_Garden	Emergency	Receipt
2	Asjid	Tahir	MALE	58952	2000-05-17	Town Ship	Disease	Receipt
3	Noman	Siddique	MALE	23153	2001-04-19	Mansera	Disease	Receipt
4	Fariha	Ahmad	FEMALE	22421	2009-05-18	Gujrawala	Disease	Receipt



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## Patient History

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7 January, 2021

First Name:	Ibrar
Last Name:	Babar
Gender:	Male
Phone No:	13364
Address:	Alraheem Garden
Disease:	Emergency
Discription:	Apply the given cream for one Month
Daily Dose:	2
Company:	NULL

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