

DBMS PROJECT (GROUP4)

# **HOSPITAL MANAGEMENT SYSTEM**

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## USE CASES:

### 1. VIEW SPECIALIZATIONS:

ACTORS	:Patient
ACTIONS	:Select view specializations option in the terminal, and select a particular specialization.
OUTCOME	:The details of all the doctors in that specialization and the treatments available are listed.

### 2. VIEW TOTAL COST:

ACTORS	:Patient
ACTIONS	:Select view cost option in the terminal, and the patient can view the total cost of the visit.
OUTCOME	:Sum of consultation fee, medicine cost and lab tests cost is displayed.

### 3. PAY BILL:

ACTORS	:Patient
ACTIONS	:Take the mode of payment as the input from the patient, insert a row in the bill payments table including the total cost of his visit and add a row in the past medical records table for that patient.
OUTCOME	:Sum of consultation fee, medicine cost and lab tests cost is displayed.

#### 4. BOOKING TEST:

ACTORS :Patient  
ACTIONS :Select book test, list of available tests and requirements of test are displayed, then select test and time slot (from the available ones).  
OUTCOME :Details of confirmation is displayed.

#### 5. VIEW DAILY SCHEDULE:

ACTORS :Doctor  
ACTIONS :Login and select daily schedule.  
OUTCOME :Daily schedule of doctor is displayed.

#### 6. VIEW STATISTICS:

ACTORS :Finance Manager  
ACTIONS :Login and select the statistics required.  
OUTCOME :Statistics of yearly records, monthly records, income,etc.,) are displayed.

## 7. BOOKING APPOINTMENTS:

ACTORS :Patient

ACTIONS :Select book appointment and enter personal information like name, age, sex, previous medical records(if any),reason of visit etc.,doctor required and confirm appointment.

OUTCOME :Verification of successful booking is displayed.

## 8. VIEW PAST MEDICAL RECORDS:

ACTORS :Doctor , Patient

ACTIONS :*Doctor*:Login and select medical records.  
*Patient*: Login and select medical records.

OUTCOME :Past medical records of patient are displayed.

## 9. VIEW DRUG AVAILABILITY:

ACTORS :Pharmacist  
ACTIONS :Login and select drug availability.  
OUTCOME :The list of drugs with their quantities and expiry dates is displayed.

## 10. SELL MEDICINE:

ACTORS :Pharmacist  
ACTIONS :Login and select sell medicine.  
OUTCOME :The available medicines quantities are reduced as per requirement in the medicine(prescription).  
The cost of the medicines bought is also calculated and added in the total cost of visit.

## UML DIAGRAM:

