Hospital Management System

By

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Introduction:

Hospital Management System is a window application in which admin can add new employee in hospital, and there new admit patient details like name, address, age, illness, hospital admit date, room number, you and hospital bill can be generated, blood group

After bill payment, patients will get discharge paper In this application we used simple UI which is easy to used by the user   .

Software Requirements Specification
For
Hospital Management System

Purpose :
Our product is hospital management system gives all the services that must be provided to a hospital billing, patient detail, etc.

This product contains each and every data regarding Patient , personal details which can be updated by the Patient and viewed by the administrator. It provides the detailed information about the disease, patient, bill, services, doctor, rooms;

TECHNOLOGY AND TOOLS
Technology Used:
- Eclipse Ide
- Java SE 8,JDBC
- SQL 19C

Operating System:
o Windows 10 Ultimate

HARDWARE REQUIREMENTS

Processor Speed 1.5GHz or above
4 GB RAM
15GB Free Hard disk space
STD Color Monitor

SOFTWARE REQUIREMENTS

WINDOWS 7 | WINDOWS 8 | WINDOWS 10

MODULES
- Administration
- User Management
- Content Management
- Evaluation

MODULE DESCRIPTION
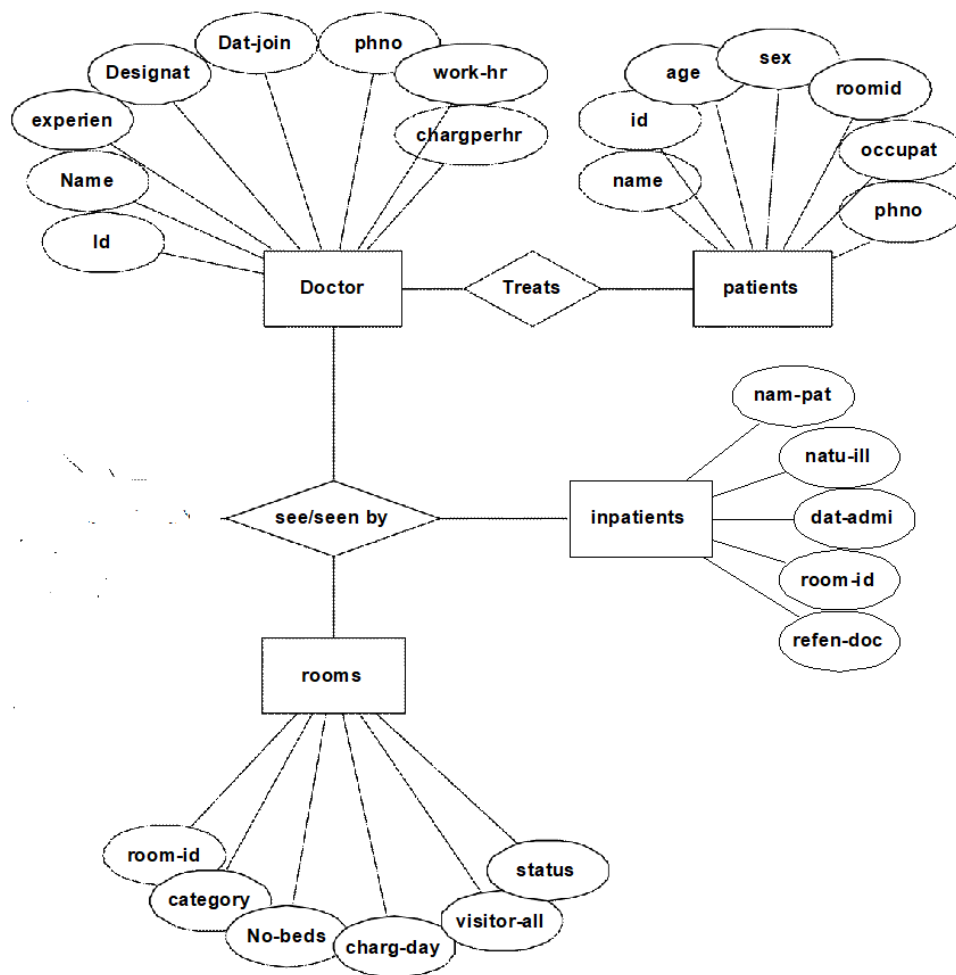### Administration:
- Add an Administrator

- Add new course
- Modify
  - Modify courses
  - Modify student course registration

- Staff appointment
- Staff detail

User Management:
- User Information
- Updating User Information

FOR HOSPITAL MANAGEMENT

SYSTEM

0 Level DFD - Context Level

Hospital Staff

Login →

← Response

Hospital Management System

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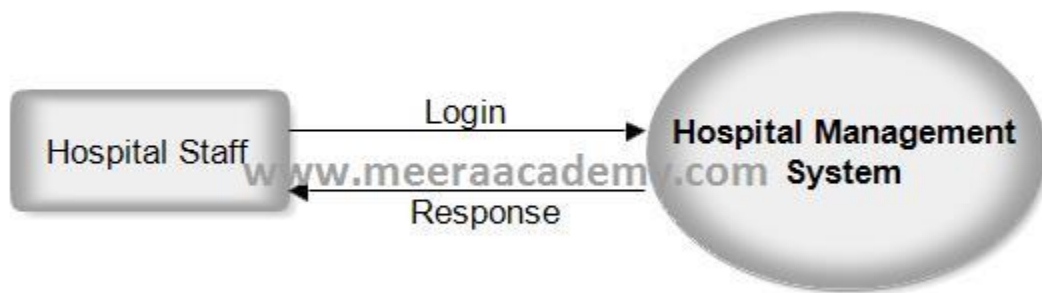
1st Level DFD - Hospital Management System

Hospital Staff

Reqest to Login → **1.0 Login**
Response ←

Add Room → **2.0 Add Room** → Insert Data → RoomMst
Response ← ← Reply

Add Doctor → **3.0 Add Doctor** → Insert Data → DoctorMst
Response ← ← Reply

Add Patient → **4.0 Add Patient** → Insert Data → PatientMst
Response ← ← Reply

Reqest to View → **5.0 View Reports** → Req. for View → PatientMst / BillMst
Response ← ← Display Data
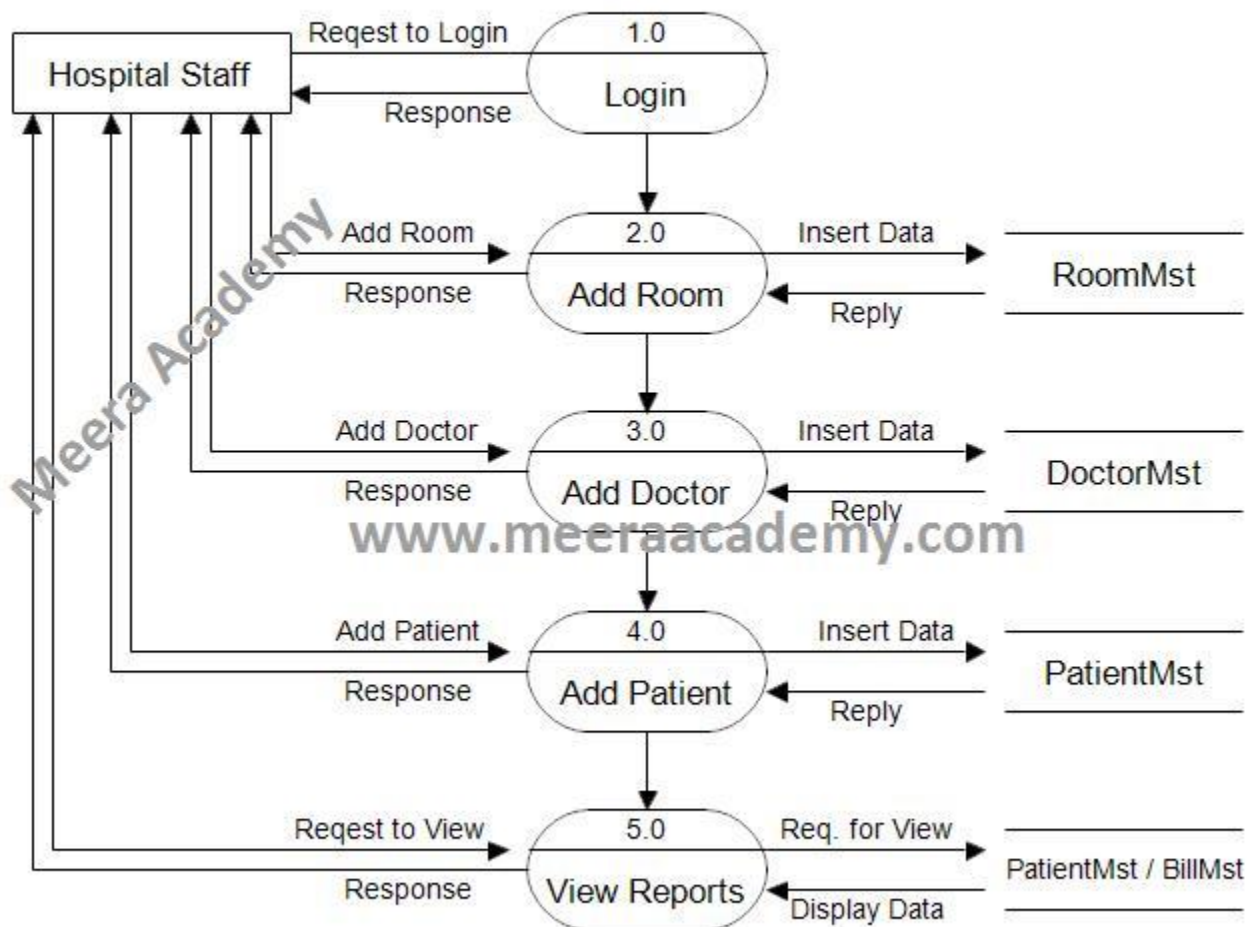
2ˢᵗ Level DFD (2.0) - Hospital Management System
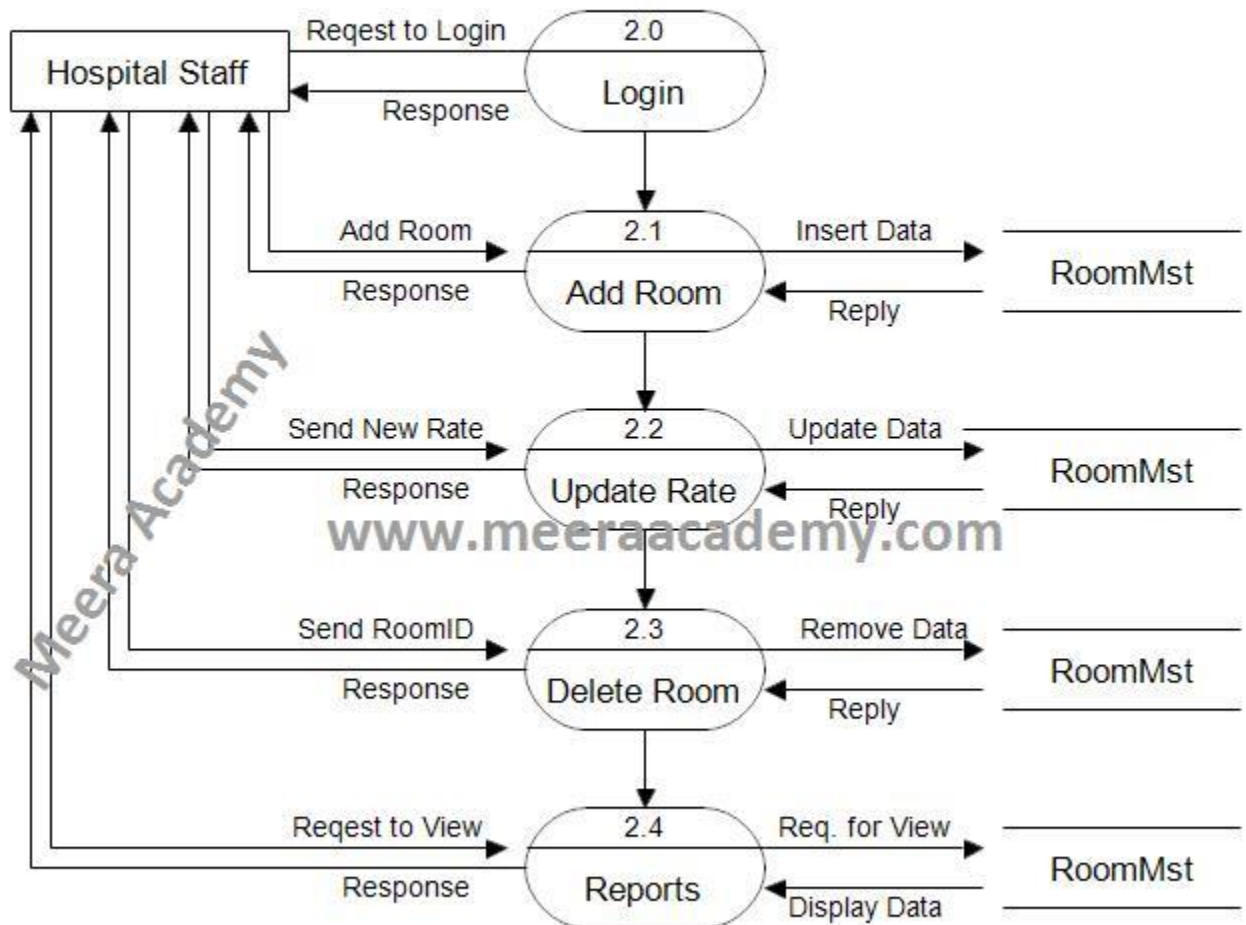
2st Level DFD (3.0) - Hospital Management System

Hospital Staff

Reqest to Login → **3.0 Login**
3.0 Login → Response

Add Doctor → **3.1 Add Doctor** → Insert Data → DoctorMst
Response ← **3.1 Add Doctor** ← Reply ← DoctorMst

Send Data → **3.2 Update Info.** → Update Data → DoctorMst
Response ← **3.2 Update Info.** ← Reply ← DoctorMst

Send DoctorID → **3.3 Delete Doctor** → Remove Data → DoctorMst
Response ← **3.3 Delete Doctor** ← Reply ← DoctorMst

Reqest to View → **3.4 Reports** → Req. for View → DoctorMst
Response ← **3.4 Reports** ← Display Data ← DoctorMst

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2st Level DFD (4.0) - Hospital Management System

Hospital Staff

Reqest to Login → 4.0 Login
Response ←

Add Patient → 4.1 Add Patient → Insert Data → PatientMst
Response ← ← Reply

Add Bill Data → 4.2 Add Bill → Insert Data → BillMst
Response ← ← Reply

Send PatientID → 4.3 Delete Patient → Remove Data → PatientMst
Response ← ← Reply

Reqest to View → 4.4 Reports → Req. for View → PatientMst
Response ← ← Display Data

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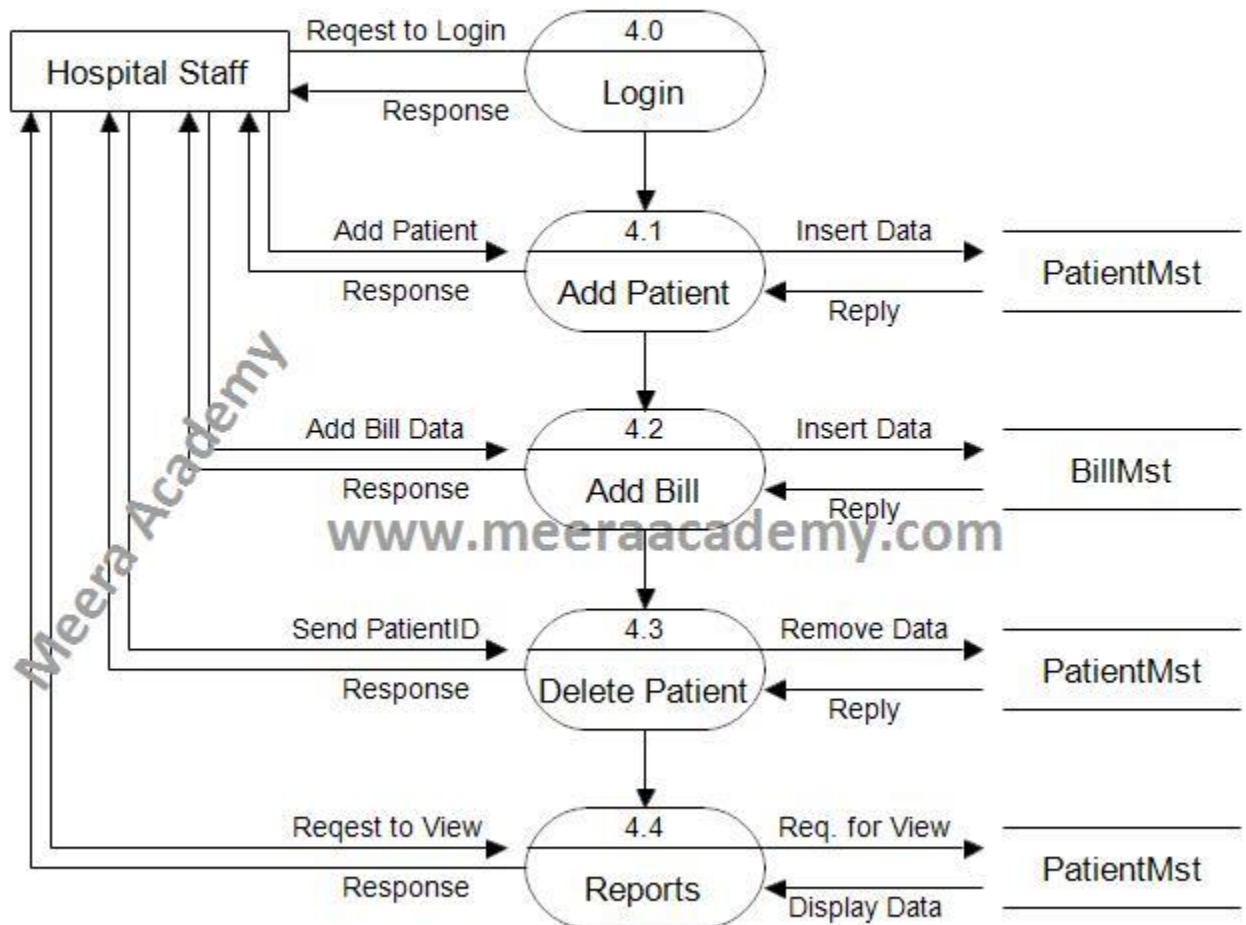
2st Level DFD (5.0) - Hospital Management System

Hospital Staff

Reqest to Login → **5.0 Login**
Response

Request to View → **5.1 Patient Report** → Req. for View → **BillMst**
Response ← Display Data

Request to View → **5.2 Bill Report** → Req. for View → **BillMst**
Response ← Display Data

Request to View → **5.3 Payment Report** → Req. for View → **PaymentMst**
Response ← Display Data

Request to View → **5.4 Datewise Report** → Req. for View → **BillMst / PaymentMst**
Response ← Display Data

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