



Hospital Management System



Project: Hospital Management System

Customer Requirements

Hospital Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id and stores the details of every patient, doctor and employee automatically. It includes a search facility to know the current status of each room. Patients can search the availability of a doctor and employees can see the details of a patient using the UID. The Hospital Management System can be entered using a UID and password. It is accessible either by an administrator or employees. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and make the data processing very fast. It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision-making for patient care.

Team Members

Target release	26-01-2024
Document status	IN PROGRESS
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Requirements Analysis

1. Patients Module

- Patient registration with personal details and medical history.
- At the time of creating patient profile a UID is generated automatically.
- make an appointment.

2. Doctors Module

- Doctor profiles with contact information and roles.
- Doctor login using UID and password.
- Doctor's schedule and availability management.

3. Employees Module

- Employee profiles with contact information and roles.
- Employee login using UID and password
- Roles and permissions.

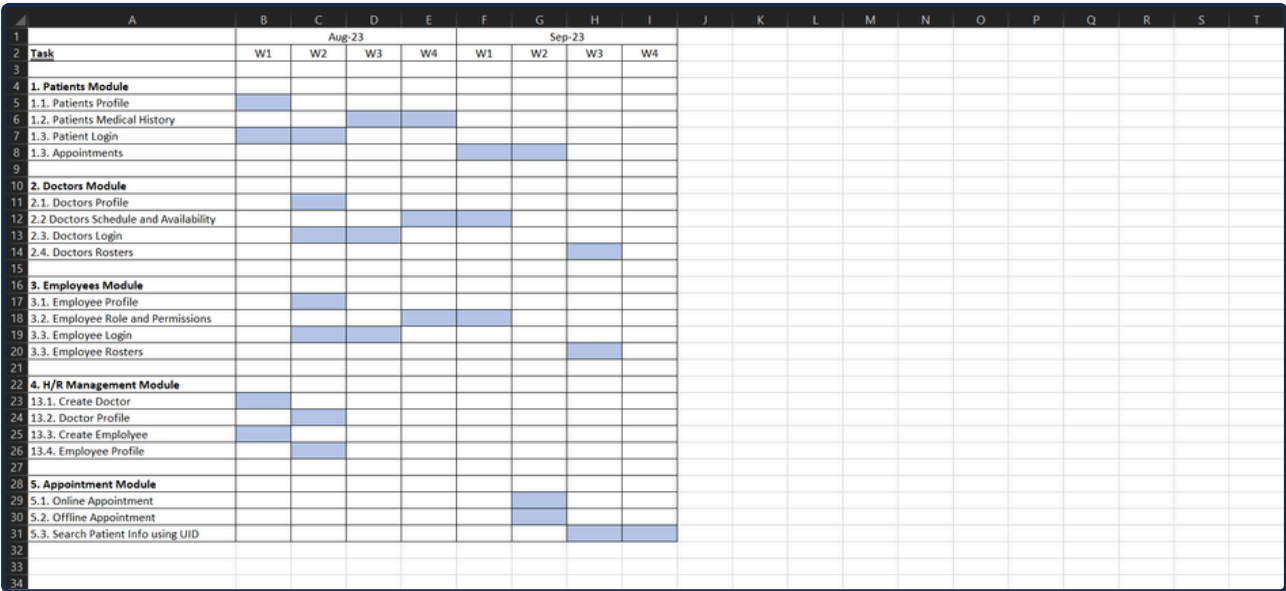
4. H/R Management Module

- Maintain detailed profiles for all hospital staff, including doctors and other employees.

5. Appointment Module

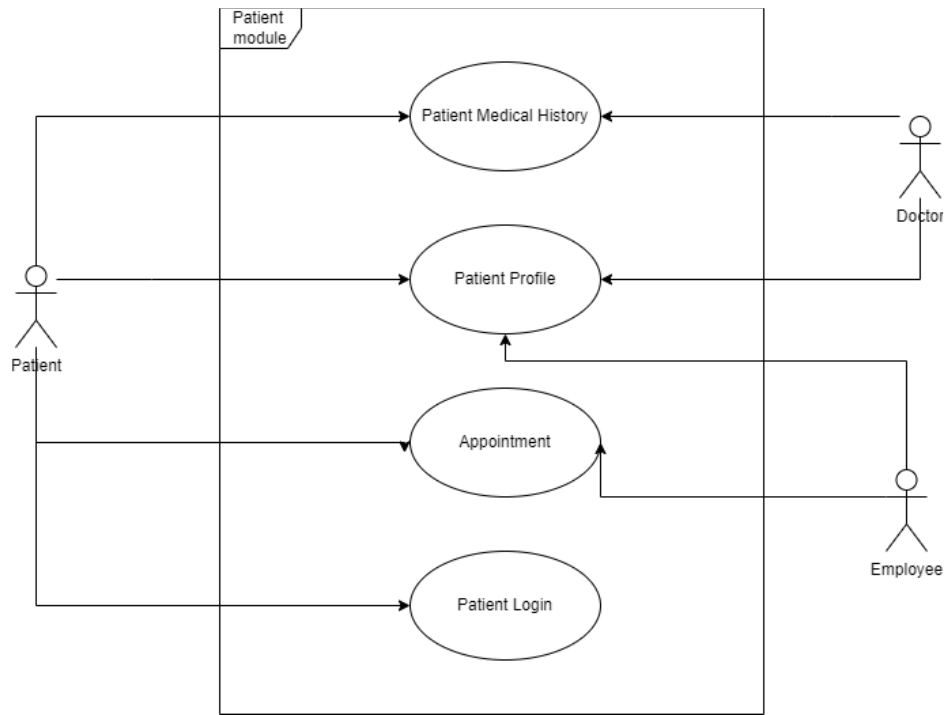
- Online and offline appointment.
- Search info about the patient using patient UID.

Hospital Gantt Chart

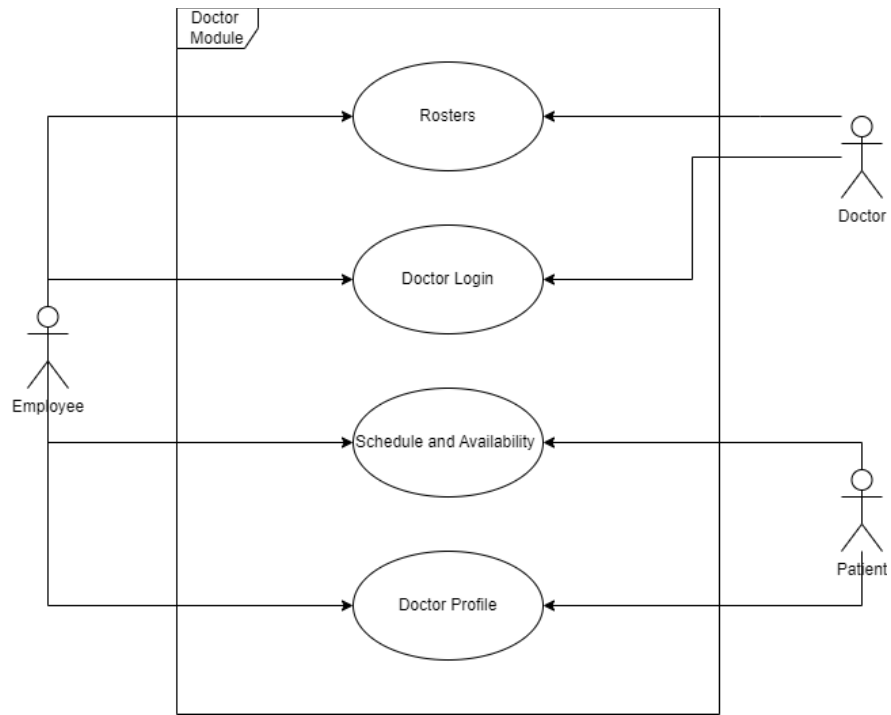


Use Case Diagram

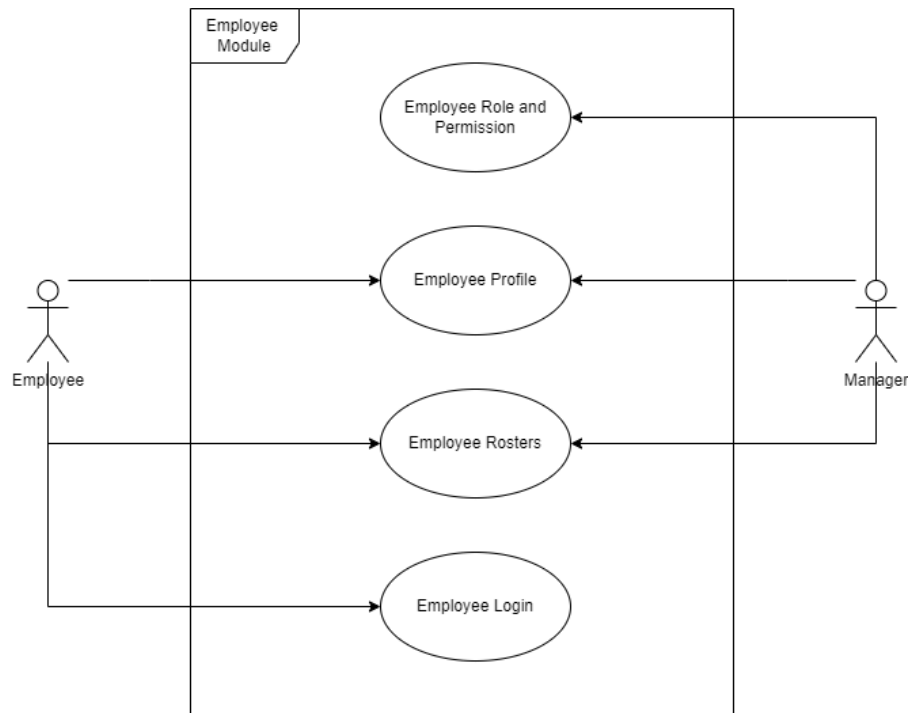
Patient Use Case Diagram



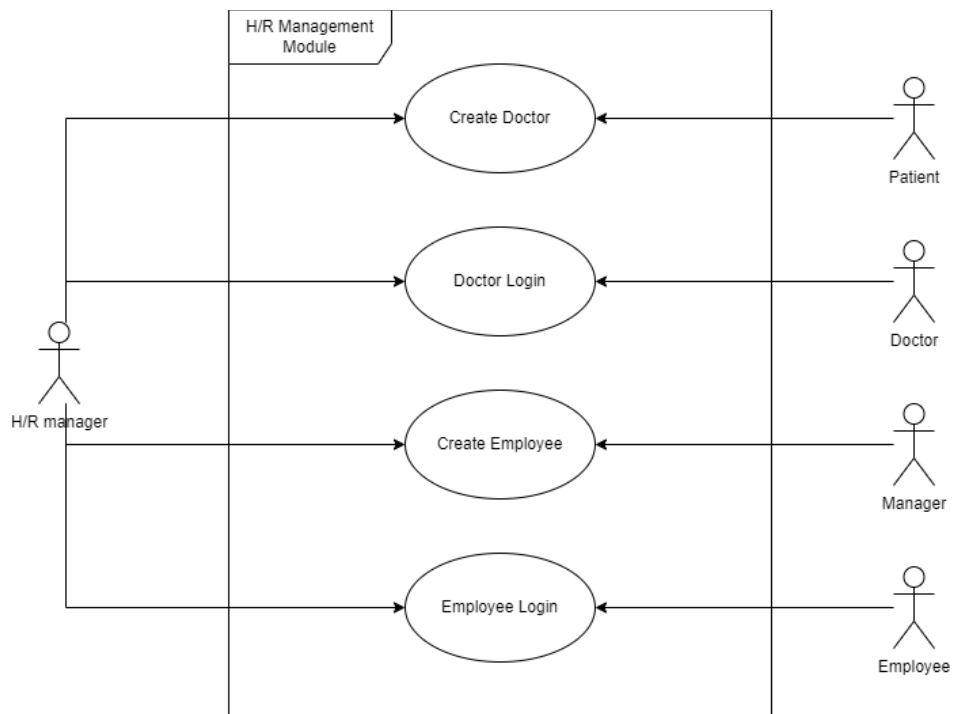
Doctor Use Case Diagram



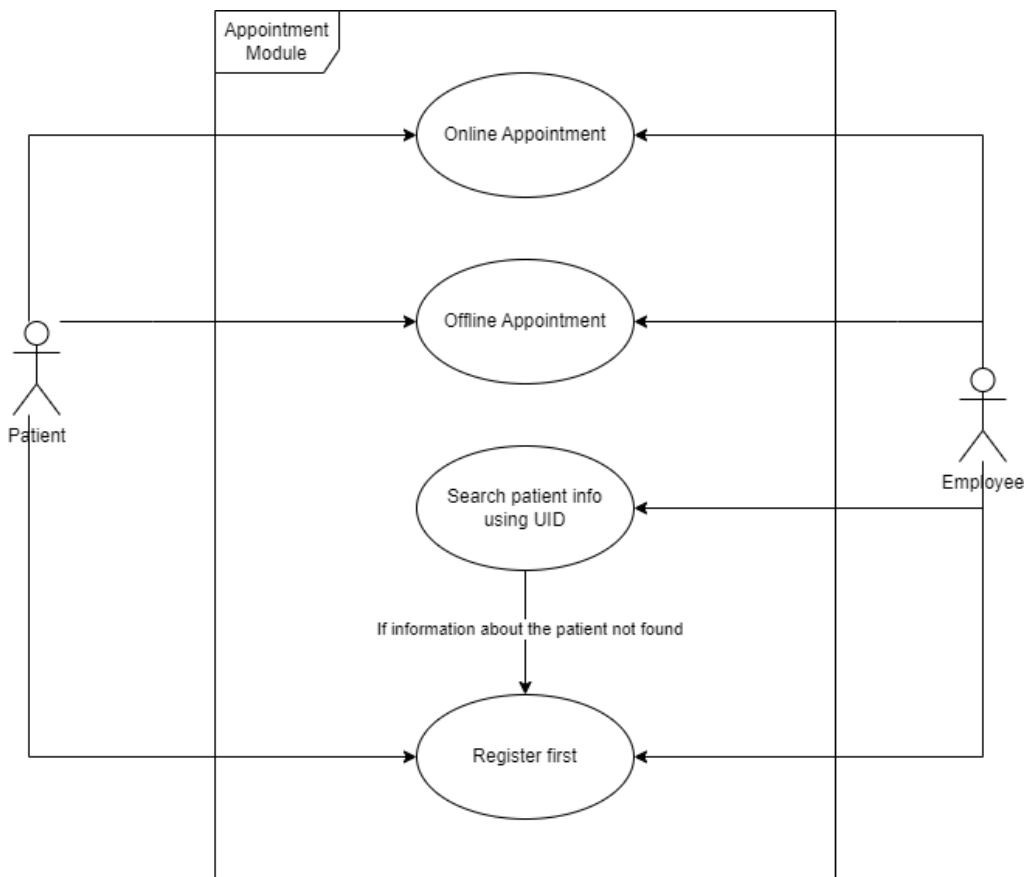
Employee Use Case Diagram



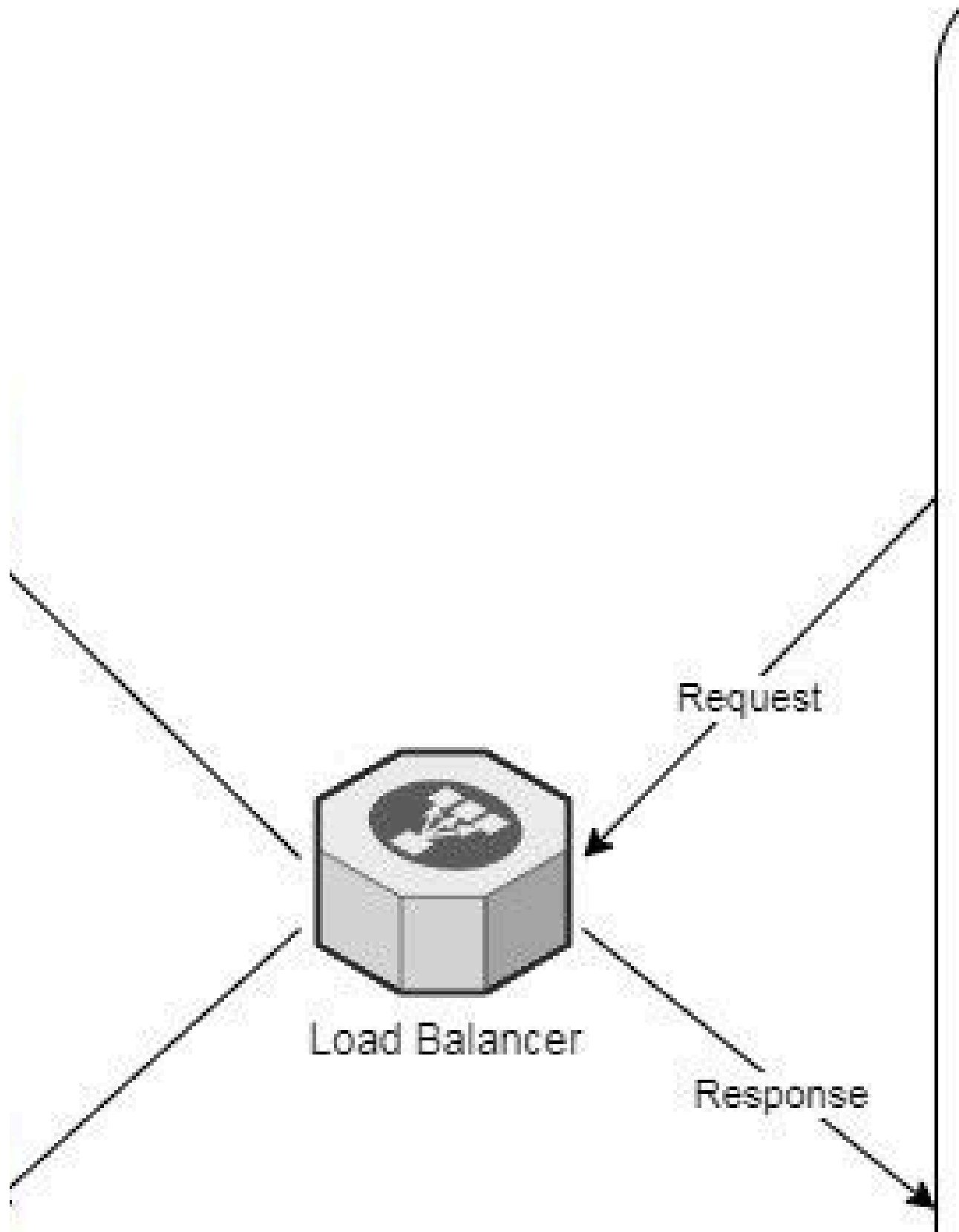
H/R Use Case Diagram



Appointment Use Case Diagram

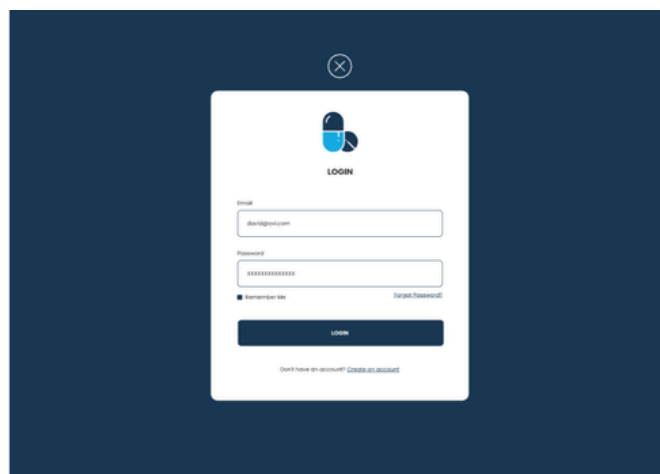


Deployment Diagram



System Design

Patient Profile(login):



A login form titled "LOGIN" is centered on a dark blue background. The form is white and contains the following elements: a logo at the top, a "Email" label above a text input field containing "demo@gmail.com", a "Password" label above a text input field containing "XXXXXXXXXXXX", a "Remember me" checkbox, a "Forgot Password?" link, a "LOGIN" button, and a link at the bottom that says "Don't have an account? Create an account".

Patient Profile (registration):

SAVDCARE

Overview

Appointments

Doctors

Nurses

Patients

Pathology Results

Chats

ACCOUNT

Settings

Logout

Emergency Helpline
+171 024 3476 +171 024 3476

Search pathology results

Dr. David David

OFFICES

English

Doctors

Dr. David David

Dr. David David

Dr. David David

Dr. David David

Dr. David David

Dr. David David

Dr. David David

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