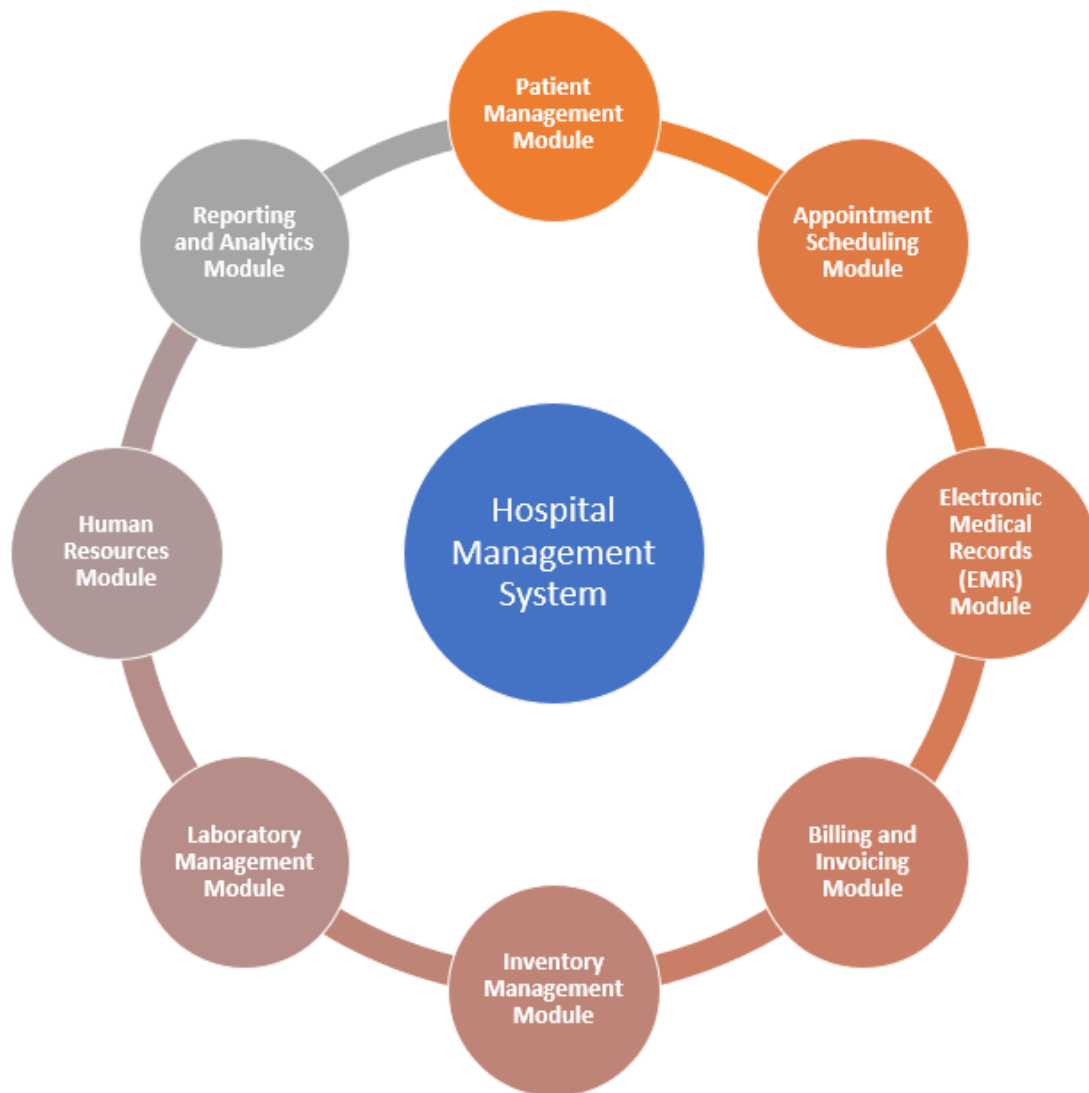# Hospital management system user story:

Patient Management Module:

- As a receptionist, I want to register new patients into the system, so that their information is stored securely.
- As a nurse, I want to view patient demographics and medical history, so that I can provide appropriate care.
- As a doctor, I want to update patient diagnoses and treatment plans, so that patient records are accurate and up to date.
- As a patient, I want to review my details, records and treatment, so that any discrepancy can be cleared, and I stay up to date.

Appointment Scheduling Module:

- As a front desk staff member, I want to schedule patient appointments with doctors, so that patients can receive timely care.

- As a patient, I want to book, reschedule, or cancel appointments online, so that I can manage my healthcare needs conveniently.

Electronic Medical Records (EMR) Module:

- As a healthcare provider, I want to create electronic medical records for patients, so that I can document their health information digitally.
- As a doctor, I want to review past medical history and lab results within the EMR, so that I can make informed treatment decisions.
- As a patient, I want to access all medical records so that I can review my previous appointments and prescriptions.

Billing and Invoicing Module:

- As a billing clerk, I want to generate invoices for services provided to patients, so that the hospital can receive payments.
- As a patient, I want to view and pay my bills online, so that I can manage my financial data easily.

Inventory Management Module:

- As a pharmacy staff member, I want to manage medication inventory levels, so that we have adequate stock for patient prescriptions.
- As a hospital administrator, I want to track medical equipment and supplies, so that we can ensure efficient resource utilization.

Laboratory Management Module:

- As a lab technician, I want to record test results and generate reports, so that healthcare providers can access them for diagnosis and treatment.
- As a doctor, I want to order lab tests electronically and receive results in a timely manner, so that I can provide appropriate care to patients.
- As a patient, I want to access lab results so that I have record of my previous medical tests.

Human Resources Module:

- As an HR manager, I want to manage employee schedules and leave requests, so that staffing needs are met efficiently.
- As an employee, I want to access training materials and certifications, so that I can maintain compliance with regulations.

Reporting and Analytics Module:

- As a hospital administrator, I want to generate reports on key performance indicators (KPIs) such as patient outcomes and financial metrics, so that I can monitor the hospital's performance.
- As a department head, I want to analyse data on patient stats and treatment outcomes, so that I can identify areas for improvement in patient care.