Project : Hospital Management System

Objective: Develop a RESTful API for a Hospital Management System using a suitable backend framework (Flask or Django) that allows users to manage patients, doctors, and departments efficiently.

Requirements:

1. Patient Management**:**
- ● Personal Information (Name, Age, Gender, Contact Information)
- ● Medical History (Previous Diagnoses, Allergies, Medications)
- ● Appointment Records

2. Doctor Management:
- · Professional Information (Name, Specialization, Contact Information)
- · Availability Schedule, List of Patients Assigned
- · Assign and Re-assign Patients to Doctors

3. Department Management**:**
- · Department Name, Services Offered, Assign Doctors to Departments

4. Search Functionality:
- ● Search for Patients, Doctors, and Departments by some attribute
- ● Filtering Options (e.g., Availability and Specialization)
- ● Optional Enhancements: Implement pagination to limit the number of products returned in a single request.

Deliverables:
- ● A fully-functional RESTful API developed using Python Flask (preferred)
- ● A detailed README file that provides instructions for setting up and running the application.
- ● A demonstration of the API using a tool such as Curl/Postman
- ● This project will allow you to showcase your backend development skills