

# User Story for Online Hospital Management System (HMS)

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## Patient Registration

**Title:** Patient Registration

**As a** Patient,

**I want** to register for an account,

**So that** I can access the system and manage my appointments and prescriptions.

### Acceptance Criteria:

1. The registration form must include fields for name, email, password, and contact information.
  2. The system should validate the email format and ensure that passwords meet security requirements.
  3. Upon successful registration, I should receive a confirmation email.
  4. I must be able to log in to my account using the registered email and password.
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## Appointment Scheduling

**Title:** Book Appointment

**As a** Patient,

**I want** to book an appointment with a doctor online,

**So that** I can conveniently schedule my visits without calling the hospital.

### Acceptance Criteria:

1. The system must display a list of available doctors and their available time slots.
  2. I should be able to select a doctor and an available time slot for my appointment.
  3. After booking, I should receive a confirmation notification via email and/or SMS.
  4. I must have the option to reschedule or cancel my appointment through my dashboard.
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## Prescription Management

**Title:** View Prescription

**As a Patient,**  
**I want** to view my prescriptions online,  
**So that** I can keep track of my medications and dosages.

**Acceptance Criteria:**

1. After a doctor's appointment, the prescription must be available in my account within a specified time frame.
  2. I should be able to view all my past prescriptions along with details like the medication name, dosage, and prescribing doctor.
  3. The system must ensure that prescriptions are only accessible to the corresponding patient.
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## **Doctor Management**

**Title:** Manage Appointment Schedule

**As a Doctor,**  
**I want** to view my upcoming appointment schedule,  
**So that** I can prepare for my consultations in advance.

**Acceptance Criteria:**

1. The doctor dashboard must display a list of upcoming appointments with patient details and time slots.
2. The doctor should have the ability to update their availability and consultation records after each appointment.
3. I must be able to view patient history related to consultations for informed decision-making.

**Additional Notes:**

- Include functionality for doctors to notify patients of changes in their schedules.
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## **Admin Management**

**Title:** Manage Patient Data

**As an Admin,**  
**I want** to manage patient registrations and appointments,  
**So that** I can ensure smooth operations in the hospital management system.

**Acceptance Criteria:**

1. The admin dashboard must allow me to view all registered patients and their appointment history.
2. I should have the ability to add, update, or delete patient records.
3. I must be able to manage appointment schedules for all doctors, including cancellation if necessary.

**Additional Notes:**

- Ensure robust role-based access control to protect sensitive patient information.