hospital-management-system/

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├── admin/ # Admin module files

│ ├── dashboard.php # Admin dashboard

│ ├── manage\_doctors.php # Add/edit/view doctors

│ ├── manage\_patients.php # Add/edit/view patients

│ ├── manage\_appointments.php # Manage appointments

│ └── reports.php # View reports

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├── doctor/ # Doctor module files

│ ├── dashboard.php # Doctor's dashboard

│ ├── appointments.php # Doctor's appointments view

│ ├── patient\_records.php # View patient records

│ ├── prescriptions.php # Prescribe medications

│ └── upload\_reports.php # Upload diagnostic reports

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├── patient/ # Patient module files

│ ├── dashboard.php # Patient's dashboard

│ ├── appointments.php # View/book appointments

│ ├── medical\_history.php # View medical records

│ └── billing.php # View/pay bills

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├── pharmacy/ # Pharmacy module files

│ ├── inventory.php # Manage medicine inventory

│ ├── process\_prescription.php # Process prescriptions

│ └── sales.php # Pharmacy sales and billing

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├── labs/ # Lab module files

│ ├── test\_booking.php # Book diagnostic tests

│ ├── upload\_results.php # Upload lab test results

│ └── view\_reports.php # View diagnostic reports

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├── assets/ # Static files (CSS, JS, Images)

│ ├── css/

│ ├── js/

│ ├── images/

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├── public/ # Publicly accessible files

│ └── index.php # Main entry point (login page)

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├── includes/ # Shared functions and scripts

│ └── db.php # Database connection script

│ └── auth.php # Authentication-related functions

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├── config/ # Configuration files

│ └── config.php # Environment settings

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└── sql/ # SQL files for database setup

└── hospital\_db.sql # SQL script to create tables

-- Users Table (For admin, doctors, nurses, staff, patients)

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100),

email VARCHAR(100) UNIQUE,

password VARCHAR(255),

role ENUM('admin', 'doctor', 'nurse', 'receptionist', 'patient'),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

-- Patients Table

CREATE TABLE patients (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT,

date\_of\_birth DATE,

gender ENUM('male', 'female', 'other'),

contact\_number VARCHAR(15),

address TEXT,

medical\_history TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id)

);

-- Appointments Table

CREATE TABLE appointments (

id INT AUTO\_INCREMENT PRIMARY KEY,

patient\_id INT,

doctor\_id INT,

appointment\_date DATETIME,

status ENUM('pending', 'confirmed', 'canceled', 'completed'),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (patient\_id) REFERENCES patients(id),

FOREIGN KEY (doctor\_id) REFERENCES users(id)

);

-- Prescriptions Table

CREATE TABLE prescriptions (

id INT AUTO\_INCREMENT PRIMARY KEY,

appointment\_id INT,

doctor\_id INT,

patient\_id INT,

medication TEXT,

diagnosis TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (appointment\_id) REFERENCES appointments(id),

FOREIGN KEY (doctor\_id) REFERENCES users(id),

FOREIGN KEY (patient\_id) REFERENCES patients(id)

);

-- Billing Table

CREATE TABLE billing (

id INT AUTO\_INCREMENT PRIMARY KEY,

patient\_id INT,

total\_amount DECIMAL(10, 2),

status ENUM('paid', 'unpaid', 'pending'),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (patient\_id) REFERENCES patients(id)

);