clinic management system

Management panel

Doctor Management:
•View, add, edit, and delete doctor records.
•Assign doctors to specific departments.
•Schedule and view doctor availability.

Appointment Management:
•Schedule, update, and cancel appointments.
•View appointments by date, patient, or doctor.
•Search and filter by appointment status.

User Management:
•Manage admin and staff accounts.
•Assign roles and permissions.

Staff

Work Schedules:
•Manage and view work schedules for staff.
•Allow staff to request schedule changes or leaves.

Attendance and Leave Management:
•Track attendance and leave records.
•Approve or reject leave requests.

Training and Certifications:
•Track training sessions attended and certifications held by staff.
•Schedule and manage training programs.

Database design

Patients

	Data type
ID(PK)	Int
Name	VARCHAR(50)
Gender	VARCHAR(5)
Date Of Birth	DATE
Phone(U)	Number
Address	TEXT

Doctor

	Data type
ID(PK)	Int
Name	VARCHAR(50)
Gender	VARCHAR(5)
Phone(U)	Number
Email(U)	VARCHAR(50),
Address	TEXT
Specialty	VARCHAR(100)
Department_ID (FK)	Int

Departments

	Data type
ID(PK)	Int
Department name	VARCHAR(50)

Staff

	Data type
Id(pk)	Int
Name	VARCHAR(50)
Phone (U)	int
Role	VARCHAR(50)
Department_ID (FK)	Int
Shift	VARCHAR(10)

Appointments

	Data type
Id(PK)	Int
Name	VARCHAR(50)
Phone (U)	Int
Appointment_Date	Date
Patient_ID (FK)	Int
DoctorID(FK)	Int