**Clinic Management System**

A web-based application to streamline clinic operations by managing doctor-patient interactions, appointments, prescriptions, and follow-ups.

**Key Features**

1. Doctor & Patient Portals
   * Doctor: Manage appointments, view patient history, add prescriptions.
   * Patient: Book/cancel appointments, view prescriptions, access medical history.
2. Appointment Management
   * Patients book appointments based on doctor availability.
   * Doctors get notifications for new appointments.
3. Online Prescription Management
   * Doctors create prescriptions online.
   * Patients can view/download prescriptions anytime.
4. Automated Follow-Ups
   * System auto-schedules follow-up appointments based on treatment duration.
5. Notifications
   * Email/SMS reminders for appointments and follow-ups.

Tech Stack

* Frontend : HTML, Tailwind CSS, JavaScript.
* Backend: Django for logic and APIs.
* Database : PostgreSQL to store data.
* Api: Google Calendar API for syncing appointments.

Workflow

1. Patients register/login to book appointments.
2. Doctors approve and manage appointments.
3. Prescriptions are added after consultations.
4. Follow-ups are auto-scheduled with reminders.