

ClinicCare Mini EMR

Problem: Clinics record diagnosis code and treatment notes for every consultation. The goal is to create a minimal, secure, and intuitive tool to manage these notes.

Goal: Build a small ClinicCare web app that allows doctors to:

1. Search for ICD-10 diagnostic codes (use any 100 codes from site <https://www.icd10data.com/ICD10CM/Codes> and add into the sql file to populate database's table).
2. Record a simple **patient consultation note** with selected diagnosis codes.
3. List past consultation notes.

Please submit your solution as a Git repository and ensure that the commit history reflects your development steps.

Project Requirements

Backend – using FastAPI

1. Endpoints

- a. GET /diagnosis?search=<term> → Search diagnosis codes (from local table or static dataset).
- b. POST /consultation → Save a consultation note.
- c. GET /consultation → List all consultation notes.

2. Data

- a. Use a lightweight SQL DB (SQLite/PostgreSQL)

3. Expected Features

- a. Input validation with Pydantic.
- b. Basic error handling.

Frontend – using either Vue 3 or Nuxt 3

- a. A page to for Consultations list: Table of past consultations
- b. A page for New Consultation Form.

Optional:

- Add JWT authentication for doctors and a login page to login