DataBase Management System Mini Project

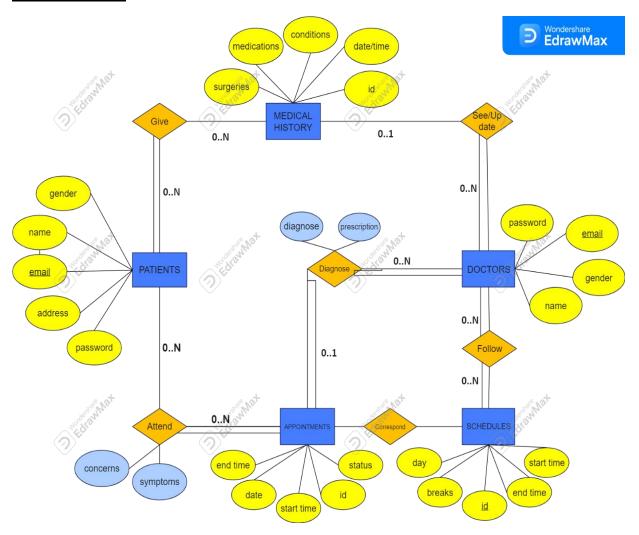
Hospital Management System

Team:

Jyotiraditya Jnanashekar - PES1UG21CS252

M Mani Shankar - PES1UG21CS307

E-R Diagram:



User Requirements Specifications:

Problem Statement:

To develop a Hospital management to effectively manage tasks such as booking appointments, keeping medical history and managing patient records.

Project Overview:

Hospitals have to deal with a lot of data everyday which is difficult to manage without a system. Hence we decided to build a DBMS with a frontend that helps/allows patients to book appointments and doctors/administrators to access patient data.

Functional Requirements:

- 1. Patients and Doctors should have separate logins.
- 2.Doctors can see previous medical history of a patient and a patient can give his/her medical history.
- 3. Patients can book appointments only if the doctor is free.
- 4. Patients can view/update/cancel already booked appointments if necessary.
- 5. Doctors diagnose, give prescriptions and they can also modify prescriptions.

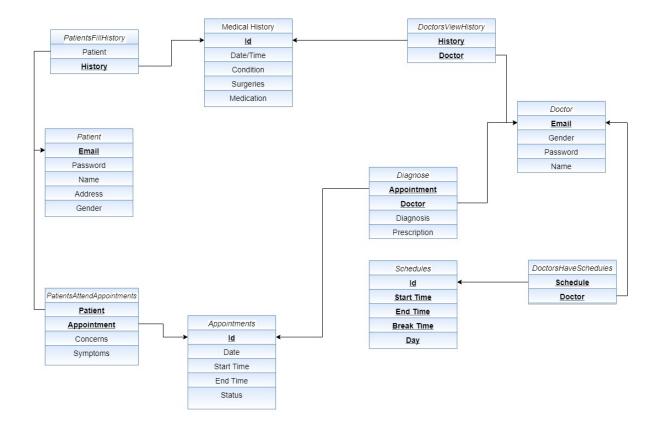
Technical Requirements:

Front end - Streamlit

Back end – MySQL Connector

Database - MySQL

Relational Schema:

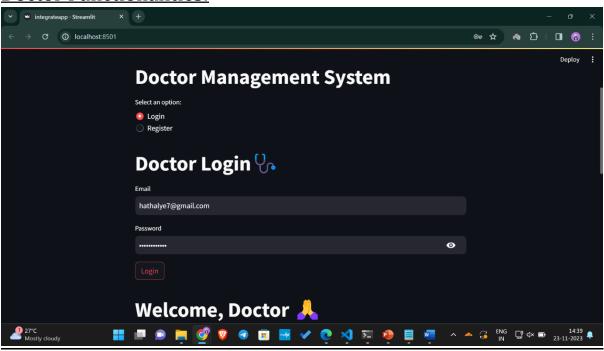


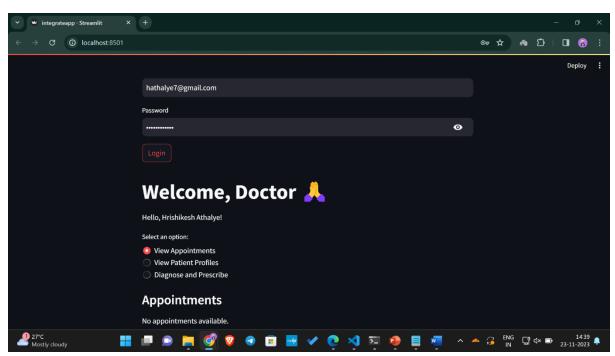
Queries execution screenshot of output:

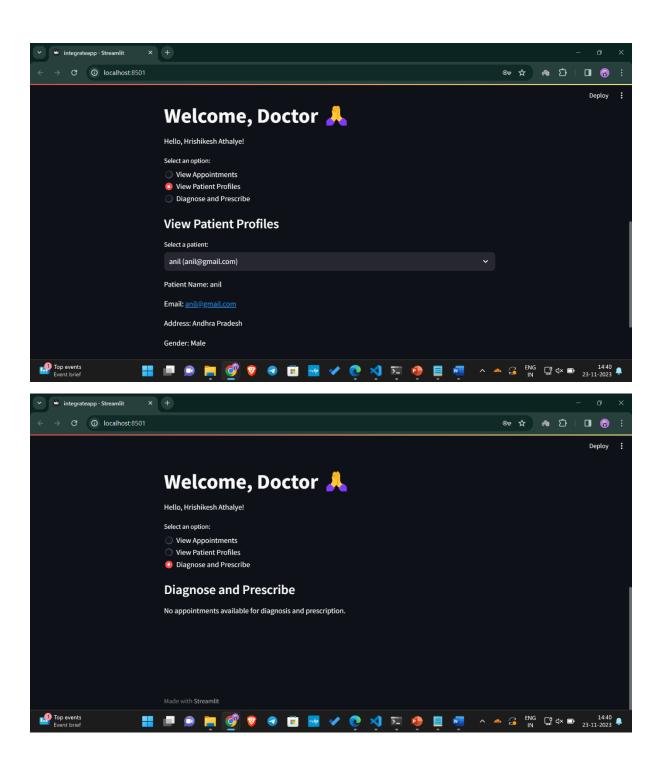
Triggers(code snippet):

Procedures(code snippet):

Doctor Functionalities:







Patient Functionalities:

