

DataBase Management System Mini Project

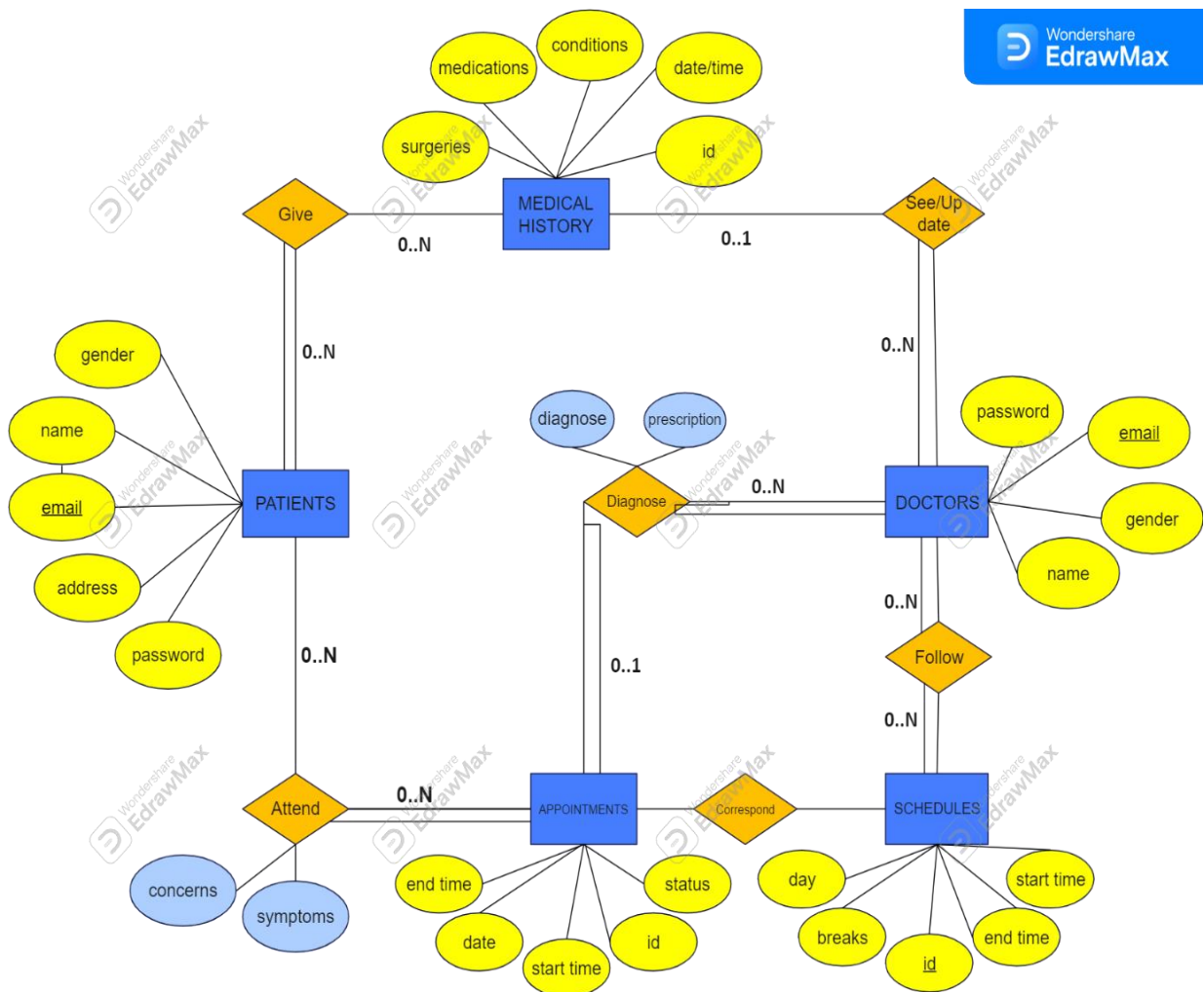
Hospital Management System

Team:

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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.

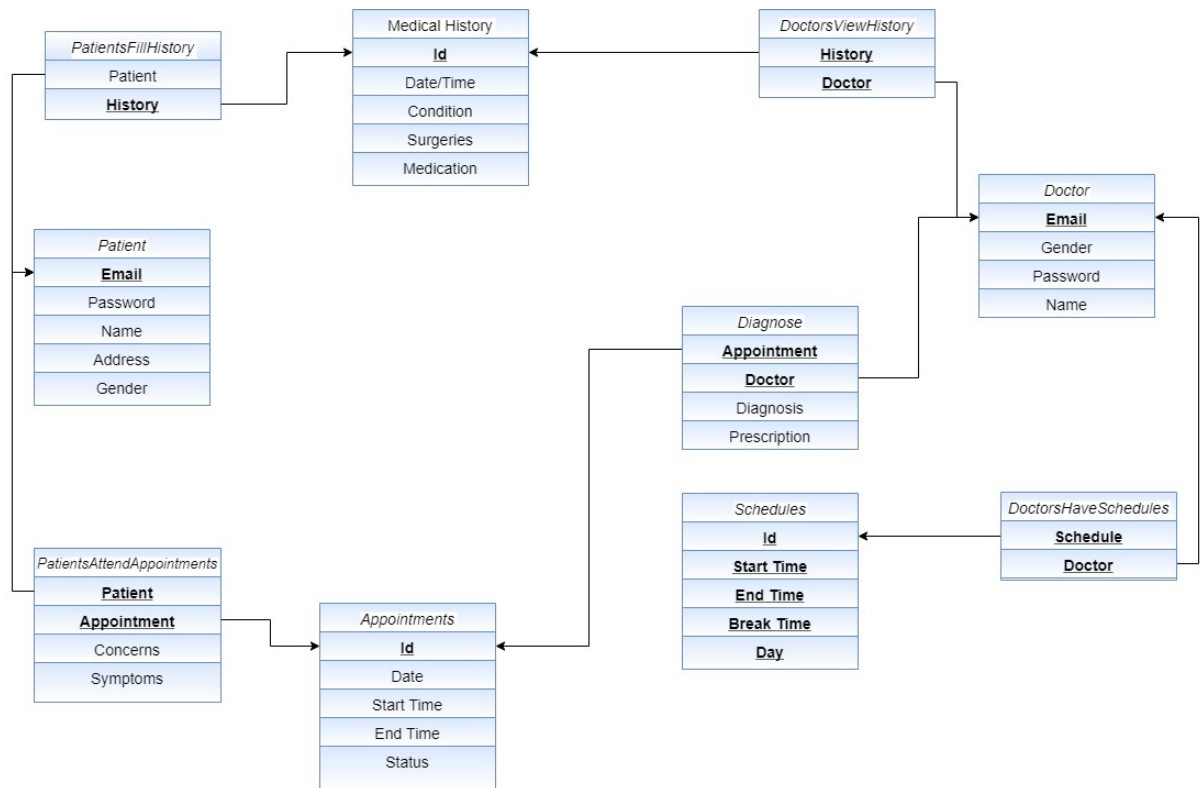
Technical Requirements:

Front end - Streamlit

Back end – MySQL Connector

Database - MySQL

Relational Schema:



Queries execution screenshot of output:

