SWE322_Advanced Web Programming

Lab 6

MySQL Database

- Due date: Wednesday 24th, of April 2024.
- Work INDIVIDUALLY. No group work is accepted.
- Stick to deadlines! Late assignments will not be accepted.
- Submit your solution to the LMS system, do not send it by email.

Q1. Using phpMyAdmin in xampp, create a simple database schema for a hospital. This database will include tables for storing information about patients, doctors, departments, and appointments. Here's the schema specifications:

Patients Table:
- patient_id (INT, Primary Key)
- first_name (VARCHAR)
- last_name (VARCHAR)
- dob (DATE)
- gender (CHAR)
- address (VARCHAR)
- phone_number (VARCHAR)
- email (VARCHAR)

Doctors Table:
- doctor_id (INT, Primary Key)
- first_name (VARCHAR)
- last_name (VARCHAR)
- specialization (VARCHAR)
- phone_number (VARCHAR)
- email (VARCHAR)

Departments Table:
- dept_id (INT, Primary Key)
- dept_name (VARCHAR)
- head_doctor_id (INT, Foreign Key referring to doctor_id in Doctors table)

Appointments Table:

- appointment_id (INT, Primary Key)
- patient_id (INT, Foreign Key referring to patient_id in Patients table)
- doctor_id (INT, Foreign Key referring to doctor_id in Doctors table)
- dept_id (INT, Foreign Key referring to dept_id in Departments table)
- appointment_date (DATETIME)
- status (VARCHAR or ENUM)

Insert 3 tuples(rows) in each table, after that export the database and upload the SQL file to the LMS.