Database Creation

1. Create the database on XAMPP using this code where there will be two tables:

   ```sql
   -- Create the database
   CREATE DATABASE IF NOT EXISTS library_access_db;
   USE library_access_db;

   -- Create 'students' table
   CREATE TABLE students (
      student_id VARCHAR(20) PRIMARY KEY,
      name VARCHAR(100) NOT NULL,
      department VARCHAR(50) NOT NULL,
      batch VARCHAR(20) NOT NULL,
      fingerprint_code VARCHAR(100) NOT NULL
   );

   -- Create 'access_logs' table
   CREATE TABLE access_logs (
      log_id INT AUTO_INCREMENT PRIMARY KEY,
      student_id VARCHAR(20),
      entry_time DATETIME,
      exit_time DATETIME,
      date DATE,
      duration_minutes INT,
      duration INT,
      FOREIGN KEY (student_id) REFERENCES students(student_id) ON DELETE
   CASCADE
   );
   ```

2. Host the webpage on localhost of xampp. Ex: localhost/library_access/index.html (run on browser)