1. System:
   Course Registration System

2. System Users
   a) Student
   b) Lecturer
   c) IT Staff

3. Database
   Entity Relationship Diagram (ERD) in minimum 3NF

4. Student Functions
   a) Register courses
   b) View current and previous semester courses
   c) Search course
   d) Modify registration
   e) Cancel registration
   f) Edit profile

5. Lecturer Functions
   a) View assigned courses for each semester
   b) View student list for each course
   c) View course details
   d) View student details

6. Admin Functions
   a) Add new course details with number of maximum students per course
   b) Modify course details
   c) Delete course
   d) Amend or cancel registration
   e) Dashboard

7. Compulsory Additional Functions
   a) Encrypt/Hash password
   b) Notification, confirmation, verification
   c) SQL Injection prevention
   d) Revamp UI & navigation
   e) Password check – double fields (register/modify)
   f) Fix login error – Open other users page after login
   g) Auto approved registration if number of students do not reach the maximum number.

8. Optional Additional Functions
   a) Email notification

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SUBMISSION

Application must be deployed to hosting.

Upload the following items to UTM eLearning by 31st January 2025. Compress to one zip file (compressed to less than 20mb):

1. Complete system files and database (.sql) in localhost settings
2. Report
   a) System introduction
   b) System Design (Use Case, ERD)
   c) Development Software, Language, Technology and Tools (provide URL)
   d) Database design (phpMyAdmin screenshot)
   e) Development Steps
   f) System Interface for All Users
   g) Localhost Setup
   h) Hosting URL
   i) User credentials