

## **Examination System Requirements**

Construct an automated system that can perform online exams and build SQL database for such system.

### **Requirements:**

- ERD & backup
- Desktop Application
- Database Dictionary (documentation)
- Stored procedures
  - Select ,Insert update and delete in any table
  - Exam generation
  - Exam Answers
  - Exam Correction

### **DB will help ITI staff to see the following Reports:**

- Report that returns the students information according to Department No parameter.
- Report that takes the student ID and returns the grades of the student in all courses. %
- Report that takes the instructor ID and returns the name of the courses that he teaches and the number of student per course.
- Report that takes course ID and returns its topics

- Report that takes exam number and returns the Questions in it and choices [freeform report]
- Report that takes exam number and the student ID then returns the Questions in this exam with the student answers.

**Hints:**

Use stored procedures to return data for each Report.

Crystal Report  
Report Builder  
SSRS

+

Certificates, freelancing, companies, hiring, positions  
20+ PowerBI Dashboards

Desktop Application-Web Application (Bonus)