Examination System Requirements

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

Requirements:
- ERD
- Database Dictionary
- 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
- Report that takes exam number and the student ID then returns the Questions in this exam with the student answers.

Hints:

Use SQLServer
SSRS
PowerBI (Dashboard)
Social Network (facebook Twitter)