Online Examination System

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 Questions in it
- Report that takes exam number and the student ID then returns the Questions in this exam with the student answers.

Hints:

- SQLServer
- SSRS
- PowerBI (Dashboard)
- Social Network (facebook or Twitter) Connected with PowerBI
- Web or Desktop Application (Mesh Bonus 🙂)

Notes Fawzi:

Sum of Students : Take List Of Courses >Every Course has List of (Questions:Sum of Types{True/Fasle:Choose }>List of Choice) has Model Answer→Grade >>EXAM

Stored Procedure:

1. Exam Generation 'Course name',"number of TF",'numer of choice' :10 Question → ID exam :1001

2. Exam Answer for Student 'Id exam ' 'Sid' 'StdAnswers'

3. Exam Correction 'Id exam','Sid'>>70% :check with the correct answer and get the Grade Personage for Student

- link {Reports(SSRS), PowerBi,Social Network}:Every Student,Organization

if u have 10 table
 Total SP=4 every table[Select,insert,update,delete]*10=40+3Sp[Exam]+6 Reports

T