ASP.NET Practical Assignment – 3 (2024-25)

1) Create a web site that has two options on start up page for login and registration, new user can register using registration page, and existing user can login using the login page, on successful login take him to the home page display him the personalised welcome message and provide functionality to ,

    1)   Change Password
    2)   View Profile [all profile data display using suitable controls]
    3)   Upload Profile Photo.

Create registration page with all the fields you like and design the database accordingly, make sure in database keep provision for the functionalities to be provided. Do the necessary validations where ever you feel essential.

2) Create a website to do student management system with disconnected architecture. You are the admin of the site and have to work with following data ,
    a.   Course(cours_id,course_name)
    b.   Class (class_id, course_id, class_name)
    c.   Student(ernollno, rollno, name, class, course, email, mobile, dob)

    Do the following operations for student data

    1.   Perform insert operation with course and class should be properly selected.
    2.   Update facility for emai id, mobile no and dob with proper validations.
    3.   Delete by roll no and course
    4.   Find by name and if duplicate then ask for course.
    5.   List the students whose birth date is in specific year.

    Make sure to do necessary validations, and use suitable controls for various inputs, use master page to integrate the application

3) Create a website for employee management with connected architecture, you are the admin of the site and have to work with following data,
    a.   Department(dept_id, dept_name)
    b.   Designation (desg_id, desg_name)
    c.   Emp(eno, name, dob, designation, dept, salary, cv)

    Do the following operations

    1.   Perform new employee entry with department and designation being selected (NB – cv is the file name of cv file uploaded, make sure cv file is pdf only)
    2.   Give facility to update employee's designation, department and salary
    3.   Design Single Search which search employee with salary > input or with input designation
    4.   Delete employee on the basis of age > 58 (use dob and today's date)
    5.   List of all employees with sort on designation, and cv file as link on click the cv can be loaded in new tab of browser.

    Make sure to do necessary validations, and use suitable controls for various inputs, use master page to integrate the application.

4) Perform the program -3 using LINQ.

5) Create a website for multi-level marketing company, consider roles of users and admin , give following functionalities to the user and admin after login

   User,
   a) Edit profile
   b) Change password
   c) Add member below him
   d) Generate list of members below him
   e) Generate the tree

   Admin,

   a) Search specific user by id
   b) List / search details of the members by city
   c) Generate list of members who join today, this week or this month
   d) Generate list of Member along with the no of child members in the descending order
   e) Generate list of Member who have not added any child members

Note : make your own assumption for the multilevel structure, and design your database as per your assumptions and requirements specified above.