**.Net Core Assignment – 24 hrs.**

Please refer below assignment details.

1. Database.
   1. Create new database in MS SQL.
   2. Create new table with following columns.
2. User Id, First Name, Last Name, Email & Password.
3. Registration.
   1. Create new solution in .Net Core and create a page called as **Registration**.

i. Fields: First Name (textbox), Last Name (textbox), Email (textbox), Password (textbox) and Submit (button).

ii. Apply all necessary validations for all the textboxes.

iii. Create necessary \_Layouts, J-Query and .CSS bundles.

* 1. Create necessary models for the form.
  2. Implement all possible validations for all the fields.
  3. On click of Submit button, verify whether entered email address is exist or not, if exist then show user friendly message else insert record in database.
  4. Use ajax to get or post the data.

3. Login.

* 1. Create new page for **Login**.

1. Fields: Email (textbox), Password (textbox) and Submit (button).
   1. Validate form (J-Query validations)
   2. Check whether user is valid or not, if user is valid then redirect him to **Dashboard** page else display the user-friendly message.

i. If user is valid then store his first name and last name in **tempdata/session** and display it on **Dashboard** page.

ii. Write all required stored procedures for above functionality.

1. Log out.
   1. On **Dashboard** page add “Logout” link, if user clicks on **Logout** link then clear all the session objects.
   2. Once user get logged out, then **Dashboard** page should not be accessible (through browser back button or using URL manipulation).
   3. Use separate Layout pages for Login and Dashboard page.

5. User Management.

* 1. Add new page in solution called as **UserManagement**.
  2. Display list of all the users on this page (grid).
  3. In grid, display Edit & Delete icon for every row.
  4. On click of Delete icon, record should get deleted from database and grid
  5. On click of Edit icon user should be able to edit selected record.

i. Add another User Management page and display edited record.

ii. On this page user can change necessary details.

* 1. Use J-Query grid for above functionality.
  2. Implement NLog exception logger to store all the logs.