

UNIVERSITY OF THE PUNJAB
Session: BS (IT/SE) Fall 2021 Morning
Course: Web Technologies Lab-08,
Time Duration: 1 hr 30 min
Total Marks: 15+15 = 30

Lab Contents:

mvc , asp.net core identity , integrate and customize user in mvc project, html , css , bootstrap

Learning Resources:

<https://dotnettutorials.net/course/asp-dot-net-mvc-tutorials/>
<https://www.javatpoint.com/asp-net-mvc>
<https://learn.microsoft.com/en-us/aspnet/core/security/authentication/identity?view=aspnetcore-8.0&tabs=visual-studio>

Task Description:

In this lab , you are required to :

Integrate and Configure ASP.NET Core Identity into the project using the appropriate NuGet packages.

Customize the default user model provided by ASP.NET Core Identity. Add additional fields to the user model such as first name, last name etc Ensure that these additional fields are included in the user registration , and registration page after customizing :

Task 1 : Registration page (15 marks)

The screenshot shows the 'Create an Account' form on the Gradschemer website. The form is centered on a light blue background. At the top, the Gradschemer logo is on the left, and navigation links for Home, Pricing, Contact, Log In, and New Account are on the right. The form itself has a title 'Create an Account' and contains the following fields: First Name, Last Name, Email, Password, and Confirm Password. A note below the Password field states: '(Passwords must be at least 8 characters long and include at least one uppercase letter, one lowercase letter, and one digit.)'. There is a checkbox for 'show password' and a blue 'Create Account' button. At the bottom of the form, it says 'Have an account? Log In!'.

Test the sign-up process by registering new users with various sets of data, including the additional fields.

Implement email confirmation during the user registration process(email should be unique for each user)

Task 2 **Login** (15 marks):

Implement a custom login page for user authentication ,Utilize ASP.NET Core Identity to perform user sign-in functionality.Customize core identity sign in page to this page below

Test the sign-in process with valid and invalid user credentials.

The screenshot shows the 'Login' form on the Gradschemer website. The form is centered on a light blue background. At the top, the Gradschemer logo is on the left, and navigation links for Home, Pricing, Contact, Log In, and New Account are on the right. The form has a title 'Login' and contains the following fields: Email and Password. There is a checkbox for 'Show password' and a blue 'Login' button. At the bottom of the form, it says 'New user? Create an account!'.