

CSE206 Web Technologies and Programming

FINAL ASSIGNMENT (Deadline: 5 June 2022, Sunday, 23:59)

This is a database connected-web programming assignment that will help you to improve your web programming practice and knowledge.

- ✓ Project groups are allowed. A group can consist of at most 3 people.
- ✓ While preparing your application, you can use Asp.net Core MVC with C# or any other programming languages or frameworks.
- ✓ You can use MSSQL or any other database server.
- ✓ It is mandatory to prepare web application that has database connection.
- ✓ This project will be graded by a project control (demo) section. All group members must attend to demo. You must come to project control with your own computer. The demos will be held on 6th and 7th June 2022 in my office. Details and timeslots will be announced later so follow all announcements for demo.
- ✓ It is **forbidden** using the University database (the database we've used in sample projects in class).

Please read the instruction carefully, each of them have a value in grading. Your website must include the following properties:

Instructions

1. The concept of your website (shopping, record management system) may be same as your previous projects. Or it may be different.
2. (10 pts)It is important that the application you are preparing has a professional appearance. It is optional to use bootstrap components.
3. (10 pts)You must design a **user login** page. The appearance of the page may be as in Figure 1.

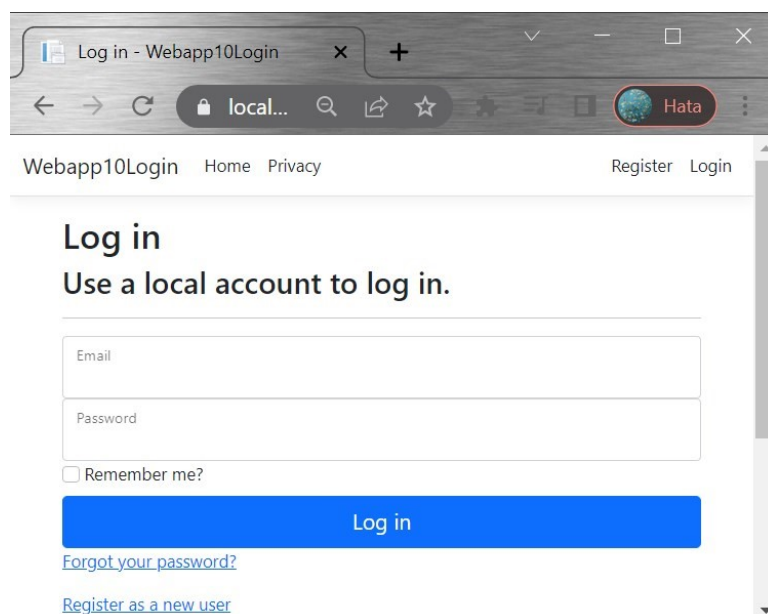


Figure 1- User login illustration

4. When the user clicks at the Login button. If the E-mail (user name) and password are correct then, login page will be redirected to the user's personal page.
5. (10 pts)Redirected page must contain any personal information about that specific user as illustrated in Figure 2.

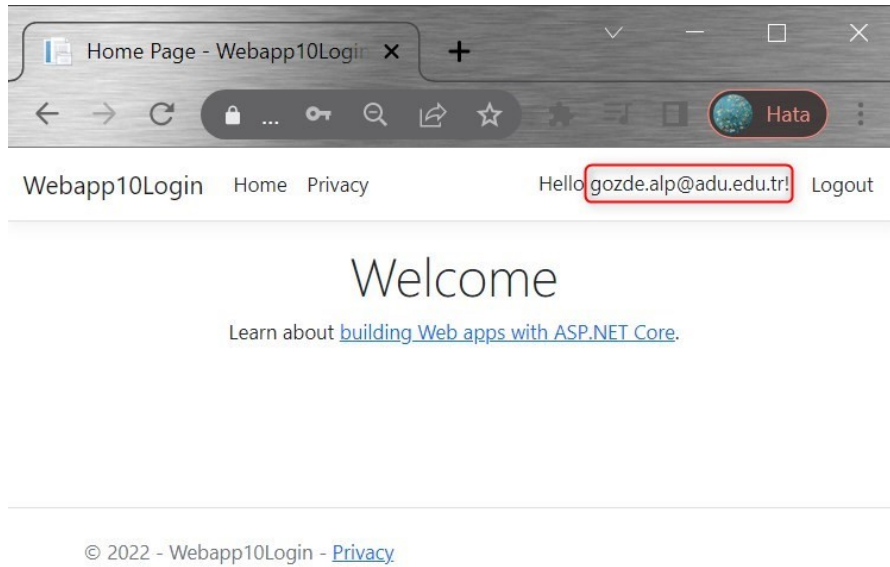


Figure 2- Sample page redirected from login.

6. (10x5=50pts)Your web application must have at least 5 new separate controllers other than the home controller, together with their models and views.
7. Each controller must be is responsible for create, read, update, delete (CRUD) operations of 5 different data model.
8. The appearance of one index view for a controller may be similar as illustrated in Figure 3. So you must have five of similar page for different data models.

Index						
Create New						
FName	LName	BirthDate	Gpa	NameSurname	Advisor	DeptCodeNavigation
Ayşe	Aslan	10.05.1985 00:00:00		AçılaiTan	Alim Sönmez	CSE
Ahmet	Canverir	10.05.1986 00:00:00		AhmetCanverir	Zuhal Meral	CSE
Asu	Çelebi	10.05.1987 00:00:00		AsuÇelebi	Zuhal Meral	CSE
Ayhan	Altan	10.05.1988 00:00:00		AyhanAltan	Zuhal Meral	CSE
Ayla	Aslan	20.12.1989 00:00:00		AylaAslan	Zuhal Meral	CSE
Betül	Karaer	20.12.1990 00:00:00		BetülKaraer	Zuhal Meral	CSE
Bora	Çakır	20.12.1991 00:00:00		BoraÇakır	Zuhal Meral	CSE
Bulut	Kara	28.12.1992 00:00:00		BulutKara	Zuhal Meral	CSE
Canan	Alan	28.12.1993 00:00:00		CananAlan	Zuhal Meral	CSE

Figure 3-Sample Index view appearance of a controller on browser.

9. (10 pts) Navigation bar must work properly.
10. (10 pts) You must use bootstrap icons at least once.

Submission Details

You must submit the code in a single zip or rar format via [google classroom group](#). Rar,zip file must be named as member1studentnumber _member2studentnumber(example→ 2007900011_2008900012.rar)

Please send your projects on time. If you submit your project late, you will lose 5 points for each late days. Please keep this in mind and promptly start working on your projects.

In any forms of copying and cheating all parties will get zero grade from final assignment.

Good Luck!