

Enterprise Computing II

Assignments #1: Security in ASP.NET

Given: 08/02/2010 **Due:** 22/02/2010

Objective: Students are to be able to develop an ASP.NET application with security features.

Requirements

- This is an individual assignment
- Each ASP solution, created by students must include following security controls: *Login*, *LoginStatus*, *LoginName*, *CreateUserWizard*, *PasswordRecovery*, *ChangePassword*, and *LoginView*.
- Each student must be able to show his knowledge and skills of creating a user, creating and managing roles, creating and managing access rules using a *Web Site Administration Tool (WSAT)*
- Each student must be able to demonstrate his/her knowledge of all security controls and deep understanding of all ASP.NET statements within his/her application.
- Submit the programs to the lecturer on the hard disk of the lab's computers in the student's private directory or on their private computers.

Programming, environment tools and supported materials:

- Visual Studio .NET 2.0, C# 2005 or VB 2005
- Lecturer notes "Enterprise computing II".
- Lecturer's living examples - *HalloweenStore*, and *Authentication* applications
- Students should be able to use the Microsoft Developer Knowledge Base – MSDN Library on the lab's computers and in Internet hot-line: <http://msdn.microsoft.com/library/> as well.

Marking Schema

	<i>Item to evaluate</i>	<i>%%</i>
1	<i>Login</i> control	10
2	<i>LoginStatus</i> control	10
3	<i>LoginName</i> control	10
4	<i>CreateUserWizard</i> control	10
5	<i>PasswordRecovery</i> control	10
6	<i>ChangePassword</i> control	10
7	<i>LoginView</i> control	10
8	WSAT: creating a user	10
9	WSAT: creating and managing roles	10
10	WSAT: creating and managing access rules	10

Important Notice:

- Presentation of the application by each student will be based on "face to face" discussion with lecturer.
- Time of presentation will not exceed 15 minutes
- If a student provides a solution and is not able to explain programming code – 80 % marks will be taken from application's item marks.
- If presentation of assignment will not be done by students during group lab session within presentation week, each presentation after due week will be penalized by taken 20% off per each week delay of the total score of presentation