

Enterprise Computing II

Assignment #2: Handling errors, user control and web parts development

Given: 6/04/2010

Due: presentation of the final project

Weight: 10% of the final grade of the second semester.

Objective

Students are to be able to handle errors, occur in web application, develop user control and web parts.

Requirements

- This is an individual assignment. It can be a part of student's Final Project, but each student needs to submit his/her separate individual solution.
- For debugging, testing and presenting for evaluation of that user control to the lecturer students have to create a simple web-project.

Programming and environment tools:

- Visual Studio .NET 2005.
- Microsoft Developer Knowledge Base – MSDN Library on the server and in Internet hot line: <http://msdn.microsoft.com/library/> as well.
- Lecture notes for the course Enterprise Computing II

Goals and process of development

Students are to develop error handling processes and custom server controls, create a library for these controls and use both in ASP.Net pages of ASP.Net project.

Components of development	Weight (%)
Error handling:	
• Using <i>try-catch</i> statement	10
• Using a <i>Page_Error</i> event handler	10
• Using an <i>Application_Error</i> event handler	10
• Handling the Http errors with <i>web.config</i> file	10
User control which expose properties, methods, and events:	20
Using web parts to build portals (using <i>WebPartManager</i> and <i>WebPartZone</i> controls)	40
Total:	100

Evaluation procedure

The evaluation will be done by lecturer based on “face to face” discussion during presentation of the final project.