

Homework Assignment 4 (CS 437 & CS 637)

(100 points)

Assigned Date: Monday, December 07, 2009

Due Date: 5:30 PM Monday, December 14, 2009

Educational Goal

Become familiar with Web Service Development.

Requirements

- (40%) Create a web service myCalculator that does the following operations for two integers: add and subtract. Create a proxy class for the web service.
- (40%) Create a web form that includes a calculator web form. The form collects inputs and the code behind page of the web form, using the myCalculator web service to calculate the result.
- (10%) Validate inputs in the web form. All the values must be integers between -100 to 100.
- (10%) The web form must be designed based on usability.

Submission Requirements

- Zip all the files of the assignment including the summary page into one ZIP file. Name the ZIP file as web_lastname_firstname_hwk4. For example, student John Smith should name his file as web_Smith_John_hwk4. Submit the softcopy to the UMass Online.
- You should leave a working copy of your website under your account at fantasyland server.
- Submit a paper copy in class with the following content:
 - a. all the source code your project
 - b. the results that show all the functions of your project
 - c. the directory location of your website at the fantasyland server.
- No hard copies or soft copies results in 0 points.