The first term project

SE323 Software Construction, Testing and Maintenance

Due date 2 March 2014

Instruction

With your same group, you have to create the test plan including test cases for the acceptance test, integration test, and the unit test. The test plan documents must be provided to see how much test data you have created. In addition, you must provide the test code, or test script for each test. For the acceptance test, the automated test tools to show the test (may be from the selenium). The mock object must be shown in the unit test code. Finally, for the integration test, you may use any automated test framework, but you have to provide the data which you will use in the test.

Hint the test data should be applied, so you may test your application using your test cases.

If the staffs can determine the plagiarism, 0 marks will be given.

The requirement of the application is as followed.

The application is the e-shopping application. There are two types of users, the customer, and the administrator. The customer has to register themselves and provide the name, address and his picture to the system. All this information can be updated later. When the customer log in to the system, his picture must always be shown on the top-right of the user interface to confirm his identity. The administrator can provide details of the products which can be sold in the system. The product should contain the name of product, description, and pictures of the product.

When the customer buys the products, he has to login to the system, browse the product catalogs or search for the product name. After he finds the product he wants, he has to choose it to the shopping cart. The customer can select as many products as he wants. When the he selects check out, the application must show the summary of his shopping cart. The summary will explain what he choose, the total price he has to pay, the payment option he wants to use. The payment options can be money transfer, credit cart and PayPal. After selecting all the options, the customer clicks confirm button to finish the buying process. The buying transaction must be shown as the shopping history in the customer web page. The administrator also can see the shopping history of all customers in his page, as well. However, if the customer does not want to finish his shopping yet, he can save the shopping cart, and login to the system later to

You must find the free online repository (normally it is free for the small project), and working together on the repository. You need to show me the local repository and the remote repository in the presentation date.

The submit date table will be provided for you to register the submission time later.

The marking criteria will be announce before the submission date