CS 250 Module Four Assignment Guidelines and Rubric

Overview

On an Agile team, the tester's role goes beyond merely testing for code defects. One of the key responsibilities of the tester is to work closely with the Product Owner, ensuring that test cases evaluate the needs outlined by the user stories. Furthermore, every test case verifies a particular function of a user story created in the early stages. Identifying ambiguity in the user stories and developing scenarios to meet the acceptance criteria helps ensure that the development team will deliver the desired product. The tests that are developed could become part of the acceptance criteria for a story, or possibly another story in the Product Backlog.

Directions

Part I: Initial Test Cases

Develop a detailed test case for **each** of the three user stories that you submitted in Module Three. Be certain to use the Module Four Test Case Template spreadsheet, linked in the What to Submit section, to complete this assignment. The first sheet of the template includes a sample test case for you to use as a guide in writing your test cases.

For each case, ensure you:

A. Include a descriptive **name** for each test case.

B. Identify detailed **steps** that will need to be taken by the user to complete the action identified in the user story.

C. Indicate clear **pass/fail measures** for each step.

Part II: Revising Test Cases

While developing the test cases, it is typical to find that you need more information or clarification from the Product Owner. Read the Module Four Tester Email, linked in the Supporting Materials section, which contains a sample tester's email to the Product Owner requesting clarifications of the user stories for the SNHU Travel project. Note how each of the questions in the email is clear and concise. The order of the user stories in the email may not match up with your order, but the content of the user stories should be fairly close.

Next, you will review the wireframe supplied by the Product Owner in response to this email. To do this, download the SampleSlideShow ZIP file, linked in the Supporting Materials section, to your computer. Right-click on the folder and select **Extract All...**. In the unzipped folder, find and run the Top Destinations Slide Show JAR file. You will notice that this wireframe is a newer "Slide Show" format, which means you will need to adjust your initial test cases as the user's actions will change.

You will add to the Module Four Test Case Template to complete this assignment. For each case, be certain to:

A. Copy each of your original test cases into the "revised test case" sheets in the template. Preserve the same names that you used originally.

B. Identify the detailed **steps** that must be taken by the user to complete the action identified in the user story.

C. Indicate clear **pass/fail measures** for each revised step.

Supporting Materials

The following resources support your work on this assignment:

Reading: Module Four Tester Email

ZIP File: SampleSlideShow

What to Submit

Submit your completed Module Four Test Case Template for this assignment. Ensure that you have completed all three initial test cases and three revised cases for the user stories from your Module Three User Stories Assignment.

Module Four Assignment Rubric

Criteria	Meets Expectations (100%)	Partially Meets Expectations (85%)	Does Not Meet Expectations (0%)	Value
Initial Test Cases: Name	Includes the original name for each test case	Shows progress toward meeting expectations, but with errors or omissions; areas for improvement may include descriptive quality of name	Does not attempt criterion	10
Initial Test Cases: Steps	Identifies detailed steps that will need to be taken by the user to complete the action identified in the user story	Shows progress toward meeting expectations, but with errors or omissions; areas for improvement may include level of detail for steps or identifying actions	Does not attempt criterion	20
Initial Test Cases: Pass/Fail Measures	Indicates clear pass/fail measures for each step	Shows progress toward meeting expectations, but with errors or omissions; areas for improvement may include clearer indications of pass/ fail measures	Does not attempt criterion	20
Revised Test Cases: Steps	Identifies the detailed steps that must be taken by the user to complete the action identified in the user story, including clear pass/fail measures for each revised step	Shows progress toward meeting expectations, but with errors or omissions; areas for improvement may include level of detail for steps or identifying actions, addressing new information from the Product Owner	Does not attempt criterion	20

Criteria	Meets Expectations (100%)	Partially Meets Expectations (85%)	Does Not Meet Expectations (0%)	Value
Revised Test Cases: Pass/Fail Measures	Identifies the detailed steps that must be taken by the user to complete the action identified in the user story, including clear pass/fail measures for each revised step	Shows progress toward meeting expectations, but with errors or omissions; areas for improvement may include clearer indications of pass/ fail measures, addressing new information from the Product Owner	Does not attempt criterion	20
Clear Communication	Consistently and effectively communicates in an organized way to a specific audience	Shows progress toward meeting expectations, but communication is inconsistent or ineffective in a way that negatively impacts understanding	Shows no evidence of consistent, effective, or organized communication	10
			Total:	100%