

Assignment-2 Summer 2021

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Subject	SQA		Program	BS
Faculty	Naseer Ahmed		Maximum Marks	05
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Q.No.1

(Max Marks: 02)

What is Cross browser testing?

Cross-Browser testing is a method of quality assurance for web applications across multiple browsers. The more browsers that are tested and optimized, the more inclusive your site will be for a variety of visitors. This is not to say that each should look exactly the same, but instead that there is an element of responsive design that has been implemented and tested.

Different Browser

OS combinations For example: on popular browsers like Firefox, Chrome, Edge, Safari on any of the popular operating systems like Windows, macOS, iOS, and Android.

Different devices

For example: users can view and interact with your website on popular devices smartphones, tablets, desktops and laptops, etc.

To ensure that basic functionality works on most browser-OS combinations. For example, you could be testing to verify that:

- All dialogs boxes and menus are working as intended
- All form fields accept inputs after validating them correctly
- Website handles first-party cookies and features like personalization that are dependent on them) correctly
- A small visual error or a text box that does not allow the user to enter info may spell doom for your business. Hence the need to test your application or website.
- Seamless touch input for mobiles or tablets

Q.No.2

(Max Marks: 03)

When you perform a test, what steps do you take? What's your process?

Test scenarios:

- Scenarios help in an easier way to test and evaluate end to end complicated problems.
- Creating Test Scenarios ensures complete Test Coverage

- They serve as a quick tool to determine the testing work effort and accordingly create a proposal for the client or organize the workforce.

Test case:

- Test case gives detailed information about testing strategy, testing process, preconditions, and expected output. These are executed during the testing process to check whether the software application is performing the task for that it was developed or not.
- If the developer missed something, then it can be caught during the execution of these full-proof test cases.

Test plan:

- Test Plan is A document describing the scope, approach, resources, and schedule of intended test activities.
- The test plan serves as a blueprint to conduct software testing activities as a defined process, which is minutely monitored and controlled by the test manager.
- Test Plan helps us determine the effort needed to validate the quality of the application under test.
- Entry/Exit criteria

Requirement traceability Matrix(RTM):

- Show the requirement coverage in the number of test cases
- Design status as well as execution status for the specific test case
- It confirms 100% test coverage
- It highlights any requirements missing or document inconsistencies
- Meeting Goals.
- Running the Right Tests.
- Making Decisions.
- Managing Projects.

Test strategy:

- A Test Strategy document is a high-level document, which is usually developed by Test Manager
 - The project's testing objectives and the means to achieve them
 - Determines testing effort and costs

Test data:

These are the values or the input we need to create as per the per-condition.
For example, Username, Password, and account number of the users.

Bug report:

The bug report contains each detail about bugs like description, date when the bug was found, name of the tester who found it, name of the developer who fixed it, etc.

Test execution report:

- Every module has a separate spreadsheet of its respective module.
- The test execution report defined the stability of the application.
- The test execution report is a final summary report based on which the quality of the application is defined, and it also helps in deciding that the application can be handed over to the customer or not.

Testcase Implementing steps:

Test Case Id	1
Test case name	notepad
Testcase type:	Functionality testcase
Requirement No:	1
Module:	Checking for notepad .HTML extension
Severity:	—
Release:	-----
Version	Windows 10 pro
Pre-condition:	users can Type .html at the end of the file name and click on the Save button.
Test data	Launch Notepad on your system and open a text file in it.
Summary:	To check the functionality of note pad extension html
Description:	user can go to File - Save As. Or, you can simply press Ctrl + Shift + S keys on your keyboard.
Expected Result:	user can open the file in windows
Actual Result:	This will save your text file in HTML format. Double-click on the saved file and it will open in your default web browser.
Status:	pass
Comments:	-