**TEST PLAN**

**For W3C Standards and Website Performance.**

**1. Introduction:**

This test plan is designed for testing the W3C Markup Standards and Website Performance on the two following websites:

- Educational website: <https://www.austincc.edu>

- Online News website: <https://www.foxnews.com/>

**2**. **Proposed schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Tasks** | **Assigned members** | **Estimated Time** | **Remarks** |
| 1. | Analyze required document | Test designer | 4 hours |  |
| 2. | Design test plan | Test designer | 2 hours |  |
| 3. | Create test cases | Test designer | 2 hours |  |
| 4. | Execute test cases | Tester | 1 hours |  |
| 5. | Report test bugs | Tester | 1 hour |  |
| 6 | Report test summary | Tester | 1 hour |  |

**3.** **Resource requirements:**

**a. Hardware:**

- Desktop computer or laptop with a stable internet connection.

**b. Testing tools:**

- Test W3C Markup Validation: <http://validator.w3.org/>

- Link Validator Tool: <http://validator.w3.org/checklink>

- Free Webpage loading test: <http://www.webpagetest.org/>

**c. Staffing:**

- Testing team members

**d. Training:**

- Test plan document and required specifications.

**4. Testing Features**:

**a. Features to be tested:**

- Validate the markup standards.

- Check all links working.

- Web load testing.

**b. Regression testing of prior features**:

N/A

**5. Features not to be tested**:

These below features are not tested as they are not required in this assignment.

- Security, database integrity, webpage content, browser compatibility.

**6. Test Deliverable:**

- Test plan

- Test case docs

- Test summary

- Bug reports

**7. Dependencies:**

**a. Hardware**:

- Internet connection with a stable internet speed.

**b. Software**:

There is at least one web browser available in the computer, prefer to be used with the latest version Chrome browser because of its stability and speed.

**c. Staffing**

Testers with experience in working on windows and setting up required testing environment.

**d. Training**:

Testing environment, testing tools.

**8. Entrance / Exit criteria:**

**a. Entrance criteria**:

- Test plans.

- Test case docs.

- Test environment setting up.

**b. Exit criteria**:

- 100% required test cases executed

- Expected testing results pass at least 95%.

- Only minor bugs found.