**Test Plan:**

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| **Test Plan** | Frontier Communications website |
| **Prepared by:** | Swarnasri Dharmapuri  08/22/2018 |

**TEST PLAN**

**1. INTRODUCTION**

Frontier® offers Internet and Home Phone services that make it easier for user to spend time connecting with the people and things that are most important.

**2. OBJECTIVES AND TASKS**

**Objectives:**

* Test Frontier Communications webpage UI functionality.
* Perform Module testing, Integration testing and System/Acceptance testing.

**Tasks:** Listed items identified by this Test Plan, i.e., testing, post-testing, problem reporting, etc.

**3. SCOPE**

**General**

This section describes what is being tested, such as all the functions of a specific product, its existing interfaces, the integration of all functions.

**4. TESTING STRATEGY**

Describe the overall approach to testing. For each major group of features or feature combinations, specify the approach which will ensure that these feature groups are adequately tested. Specify the major activities, techniques, and tools which are used to test the designated groups of features.

The approach should be described in sufficient detail to permit identification of the major testing tasks and estimation of the time required to do each one.

**4.1 Unit Testing**

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| **Definition** | Testing performed by developers |
| **Participants** | List the names of individuals/departments who would be responsible for Unit Testing. |
| **Methodology** | Describe how the unit testing will be conducted. Who will write the test scripts for the unit testing, what would be the sequence of events of the unit testing and how will the testing activity take place? |

**4.2 System and Integration Testing**

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| **Definition** | List what is your understanding of System and Integration Testing for your project. |
| **Participants** | Who will be conducting System and Integration Testing on your project? List the individuals that will be responsible for this activity. |
| **Methodology** | Describe how System & Integration testing will be conducted. Who will write the test scripts for the testing, what would be the sequence of events of System & Integration Testing, and how will the testing activity take place? |

**4.3 Performance and Stress Testing**

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| **Definition** | List what is your understanding of Stress Testing for your project. |
| **Participants** | Who will be conducting Stress Testing on your project? List the individuals that will be responsible for this activity. |
| **Methodology** | Describe how Performance & Stress testing will be conducted. Who will write the test scripts for the testing, what would be sequence of events of Performance & Stress Testing, and how will the testing activity take place? |

**4.4 User Acceptance Testing**

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| **Definition** | The purpose of the acceptance test is to confirm that the system is ready for operational use. During the acceptance testing, end-users (customers) of the system compare the system to its initial requirements. |
| **Participants** | Who will be responsible for the User Acceptance Testing? List the individuals' names and responsibility. |
| **Methodology** | Describe how the User Acceptance testing will be conducted. Who will write the test scripts for the testing, what would be the sequence of events of the User Acceptance Testing, and how will the testing activity take place? |

**4.5 Automated Regression Testing**

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| **Definition** | Regression testing is the selective retesting of a system or component to verify that modifications have not caused unintended effects and that the system or component still works as specified in the requirements. |
| **Participants** | Who will be conducting Regression Testing on your project? List the individuals that will be responsible for this activity. |
| **Methodology** | Describe how Automated Regression Testing will be conducted. Who will write the test scripts for the testing, what would be sequence of events of Automated Regression Testing, and how will the testing activity take place? |

**6. TEST SCHEDULE**

Include test milestones identified in the Software Project Schedule as well as all item transmittal events.

Define any additional test milestones needed. Estimate the time required to do each testing task. Specify the schedule for each testing task and the test milestone. For each testing resource (that is, facilities, tools, and staff), specify its periods of use.

**7. CONTROL PROCEDURES**

**Problem Reporting**

Document the procedures to follow when an incident is encountered during the testing process. If a standard form is going to be used, attach a blank copy as an "Appendix" to the Test Plan. In the event you are using an automated incident logging system, write those procedures in this section.

Log and track issues encountered during testing process in HP QC ALM.

**Change Requests**

Document the process of modifications to the software. Identify who will sign off on the changes and what would be the criteria for including the changes to the current product. If the changes will affect existing programs, these modules need to be identified.

 Log and track Change requests during testing process in HP QC ALM.

**8. FEATURES TO BE TESTED**

* Frontier Communication Portal
  + Business webpage
  + Existing Customer webpage
  + My Account webpage
  + UI fields on webpage ( i.e Shop Online, Plans&pricing, TV..)

**9. FEATURES NOT TO BE TESTED**

N/A

**10. RESOURCES/ROLES & RESPONSIBILITIES**

**11. SCHEDULES**

**Major Deliverables**

Identify the deliverable documents. You can list the following documents:

Test Plan

Test Cases

Test Incident Reports

Test Summary Reports

**12. SIGNIFICANTLY IMPACTED DEPARTMENTS (SIDs)**

Department/Business Area                     Bus. Manager                Tester(s)

**13. DEPENDENCIES**

Identify significant constraints on testing, such as test-item availability, testing-resource availability, and deadlines.

**14. RISKS/ASSUMPTIONS**

Identify the high-risk assumptions of the test plan. Specify contingency plans for each (for example, delay in delivery of test items might require increased night shift scheduling to meet the delivery date).

**15. TOOLS**

List tools you are going to use. List also the Bug tracking tool here.

**16. APPROVALS**

Specify the names and titles of all persons who must approve this plan. Provide space for the signatures and dates.