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**TEST PLAN**

Red Ventures QA Assignment

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1. **INTRODUCTION**

This document describes test plan and test approach to automate test suite, created for functional testing of Frontier Communications home page.

# **OBJECTIVES AND TASKS**

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### **Objective**

The goal of this project is to create an automation test suite for Frontier Communications home page and to automate the test suite using WebdriverIO.

### **Tasks**

Below are tasks identified

* UI Analysis
* Identifying automation feasibility
* Identifying frame work
* Identifying all possible test cases
* Prioritizing the Test Cases
* Test Case Design
* Test Scripts Development
* Test Cases Execution
* Reviewing and Reporting Results

# **SCOPE**

### 

### **General**

The automation test cases cover major functionality like navigations, image hyper inks, buttons and also validates links available under main menu and footers.

### **Tactics**

Below are the frame works used to accomplish the tasks

1. Webdriver.io frame work to run automation tests using selenium standalone server.

2.Mocha frame work provides ‘Describe’ and ‘IT’ commands to organize automation script into test suite and test cases.

3.Chai frame work provides ‘Expect/Should’ commands, used to construct assertions to compare actual results with expected results.

4.Mochawesome for reporting the test results.

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# **TEST SCHEDULE**

Start Date : 08/31/2018

End Date : 09/07/2018

# **DELIVERABLES**

* Test Plan
* Test Cases
* Test Script
* Installations Guide
* Test Summary Report

# **TOOLS AND FRAMEWORK:**

WebdriverIO, Selenium standalone service, Chai, Mocha, Atom, Git Hub.

# **REFERENCES**

<https://github.com/TapaswiniN/RV_QAAssignment>

<https://mochajs.org/>

<https://internet.frontier.com/>

<http://webdriver.io/api.html>

<http://www.chaijs.com/api/>