**Spectrahut Web application Test plan**

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## Testing

As part of Web application testing we are performing the following testing activity

* Smoke testing
* Functional testing
* Accesibility and Usability testing
* Cross Browser testing
* Automation testing

# Coverage Matrix:

Following is the test coverage matrix estimated,

|  |  |
| --- | --- |
| Total Number of requirements Estimated |  |
| Total Number of test scenarios estimated |  |
| Total Number of test cases estimated |  |

# Milestone Schedule

We are planning to achieve the following milestones as part of our testing on 03-11-2016

* Analyze and Identify tools for each phase of testing
* Basic Automation framework development
* Test scenario preparation
* Test cases preparation
* Web application test case execution
* Test closure report with recommendation.

# Execution Plan

After the identification of Automation tool Automate atleast 1 test case on web and execute the rest manually. Bug reporting will be done synchronous to test execution progress.

# Test Approach

We are planning to implement a combination of manual and automated test approach on atleast three different browsers.

# Test Metrics:

|  |  |
| --- | --- |
| Total Number of requirements |  |
| Total Number of test cases |  |
| Test cases passed |  |
| Test cases failed |  |
| Total number of bugs identified |  |

# Progress Reporting

We are planning to allocate each deliverable with 4 hours of time for completion thus completing all the required deliverables in stipulated time,

|  |  |
| --- | --- |
| TBD |  |
|  |  |

# Environments Required

Following are the environment and browsers,

|  |  |
| --- | --- |
| Operating system | Windows 7 |
| Browsers | Chrome,Firefox and IE |
| Versions | Chrome - Version 49.0.2623.87 m  Firefox - 45.0  IE – 8.0.7600.16385 |

# Defect Management

Bug reporting will preliminarily done on Excel.

<<TBD>>

# Deliverables

Following are the deliverables planned at the end of this activity,

* Test strategy for mobile application and web.
* Test Plan for Mobile and web.
* RTM for mobile and web.
* Automation feasibility report
* Defect Report
* Test closure report

# Entry criteria

* The application has passed the smoke testing
* Application responding to automation tool
* Availability of required environment.

# Exit criteria

* Atleast one test case automated.
* More than 90% success in test case execution

# Potential risks

Below are te risks identified for tis particular activity,

* Team is not experienced in mobile automation testing
* Deficiency of time
* Less knowledge on android operating system.