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| **Test plan for WikiWash** |
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| **Foram Mali** |
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1. **Introduction**

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in.

1. **Objective**

WikiWash is a free public tool that allows users to track and examine edits to Wikipedia in real-time. QA team is responsible for testing the product and ensuring it meets their needs.

1. **Scope**

The initial phase will include all ‘must have’ requirements. These and any other requirements that get included must all be tested. At the end of Phase 1, a tester must be able to:

1. Create a manual test with as many steps as necessary
2. Save it
3. Retrieve it and have the ability to view it when running the test
4. Enter results and appropriate comments
5. View results

As the team works with the product they will define the needs for the second phase.

Load testing will not be considered part of this project since the user base is known and not an issue.

Rewriting, moving or porting existing test cases from the existing Word documents is not considered part of this project.

The overall purpose of testing is to ensure our application meets all of its technical, functional and business requirements. The purpose of this document is to describe the overall test plan and strategy for testing our application. The approach described in this document provides the framework for all testing related to this application. Individual test cases will be written for each version of the application that is released. This document will also be updated as required for each release.

**Feature to be tested**

We will perform testing on functional requirement and nonfunctional requirement for WixWash

Testing a site we must cover

**Browsers and Mobile device**

* Know what browsers and real devices your users have
* Stay current on browsers and real mobile device releases
* Be conscience of what parts of your site are affected by the
* Browsers/Mobile device and browser version/Mobile Device

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| **Client Side** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Browsers | Mozilla Firefox | | | | | | | | Google Chrome | | | | | | | | | | | | | Internet Explorer | | | | | |
| 40.0.3 | | One Higher version | | | One lower version | | | 45.0.2454.101 | | | One higher version | | | | | | One lower version | | | | 11.0.9600.18015 | | One higher version | | One lower version | |
| Mobile Emulator/ Real Device | **iPhone** | | | | | | **Android** | | | | | | | **Nexus** | | | | | | | **Blackberry** | | | | **iPad** | | |
| 5s | SE | | 6 | 6+ | | S5 | S6 | | S6+ | S7 | | | 4 | | 5 | 6 | | 7 | 10 | Play Book | | Z30 | | iPad air | | iPad mini |
| Home page | * Check the logo for all the page(Note: check all the logo and title name with each and every page ) | | | | | | | | | | | | * Search function * Footer * Side Menu | | | | | | | | | | | | | | |
| Product Category | * All the Primary Categories and Sub Categories * Check the Share function for the products | | | | | | | | | | | | * Check sorting function for categories and sub categories sort by name, new arrivals, low to high and high to low function. | | | | | | | | | | | | | | |
| All Brands | Check all the brand and their Logo | | | | | | | | | | | | | | | | | | | | | | | | | | |
| My Cart | * + - Add Products to my cart     - Remove products from the cart     - Change the quantities (Choose same product but more than one quantity)     - Check all the calculations     - Check add to product function from different device with the same user and see the product list. The product always keeps in shopping cart. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Checkout/Paymnt system | * Final amount to pay – make sure that this value is correct, after the price of the products, Tax, Shipping and any other charges. Test making changes to the products being ordered, changing delivery options, etc. and make sure that this final amount updates correctly. * Check that confirmation emails are sent correctly when a payment is made, whether those confirmation emails are being sent by your website or by the payment provider. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sales | * + - Check all the sales product with the original price and discount price | | | | | | | | | | | | | | | | | | | | | | | | | | |
| My Account | * + - Log Out     - My Orders     - My Profile     - Last Login | | | | | | | | | | | | | | * + - Password Reset/Change password     - Shipping Address     - Billing Address | | | | | | | | | | | | |
| Delivery Information | * + - Select online payment       * Select Delivery       * Write the Shipping Address         + Select Pick up         + Select the Store | | | | | | | | | | | | | | * + - Select the option for reservation and pay at the Store       * Select the store       * Check the Message is correct or not       * Check the email is correct or not | | | | | | | | | | | | |
| Login | * + - Check the validation for the login page | | | | | | | | | | | | | | * + - Check the remember userId function | | | | | | | | | | | | |
| Registration | * + - Check all the validation | | | | | | | | | | | | | |  | | | | | | | | | | | | |
| Contact Us | * Check all the details (Phone no ,email id, address and logo ) | | | | | | | | | | | | | | | | | | | | | | | | | | |

1. **Test Environment**

This section identifies the resources that are needed for testing. This should include requirement needed to support the tests.

**Software Requirements:**

* Cross Browsers supported (Internet Explorer, Mozilla Firefox, Chrome )
* Mobile Emulator (iPad, iPhone, Android, Blackberry ,Google Nexus )

**Real Device:**

* Client Platform: PC and Mobile

1. **Project Resources**

* **Client Side** (**Note**: final date for the client side testing is Oct 13th,2015 Need to test each and every module according to test case for UI and UX)

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| Browsers | Responsibilities | Assign By | Assign To | Start Date | Submit Date |
| Mozilla Firefox  Safari  Google Chrome  Edge  IE | * Test Client Side(All the Module which I mention above) * Execute Test Cases * Find, report and track defects * Analyze results | Foram | Foram |  |  |

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| Mobile Emulator/  Real Device | Role | Assign By | Assign To | Start Date | Submit Date |
| iPhone , iPad | * Test Client Side (All the Module which I mention above) * Execute Test Cases * Find, report and track defects * Analyze results | Foram | Foram |  |  |

1. **Test strategies/Techniques**

This section of documents describes Test design and Test data for our application. The project is using agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

Test Automation

Automated unit tests are part of the development process, but no automated functional tests are planned at this time.

**Test Design**

Considering the scope of the project and the time limitations, we will be performing following tests.

1. **Unit Test** – This test verifies the program logic and based on the knowledge of the program structure.

Verify the input data length specified in each form, classes and interaction with database

* String format
* Integer number format
* Email Address format
* Date format
* Empty field
* Special character

1. **Integration Test** – This test verifies the entire system’s functionality according to the design specification.
2. **Business Requirements** –This test verifies whether specific requirements of the customer are met.
3. **Acceptance Testing** – This test verifies whether the system needs to meet the initial objectives and customer’s expectations.
4. **Regression Testing** – Create a base set of user scenarios that must be tested each release. Identify for each release the areas of greatest risk and code that could be affected.
5. **Defect Responsibility/Resolution**

Possible defects identified through manual testing will be discussed with development team members to verify that the observed behavior constitutes a defect. Defects found will be tried to be resolved.

1. **Exit Criteria**

Testing can proceed to the next stage of the process when a sufficient proportion of the current stage has been completed All exit criteria should be satisfied by the end of the project.

1. **Goals and Deliverables**

Goals and deliverables of the test plan of our application are as follows –

1. **Goals:**

* To accomplish all tasks described in this test plan.
* To install a measurable, improvable, repeatable, and manageable test process.
* To verify the functionality and content of the current version of the application.
* To reduce the frequency of error associated with manual testing.
* To find and successfully track 100% of defects present along the client path defined in this plan.

1. **Deliverables:**

* Test Planning Stage
* Test Execution and Defect Tracking Stage
* Evaluation and Improvement
* Introduction: I have tested Wikiwash application with all aspect such as Functionality , UI Layout etc....
* Objectives : Deliver application with high quality or bug free according to master tets plan or BRD.
* Test Items - Wikiwash
* Features To Be Tested : Functionality, UI layouts, performance and integration.
* Features Not To Be Tested: Have not tested on diffenet devices.
* Pass/Fail Criteria: Completion criteria for the test (minimum number of defects reported around 6, % of passed tests).
* Suspension Criteria : It Specify what constitutes pausing the test.As its just a test so i stopped testing cause found reasonable number of defects in the wikiwash.
* Test Deliverables: I tried to deliver functionality, performance , layout features in cross browser environement and found same bugs in all environment.
* Environmental Needs: Any specific tools or hardware that are needed for the tests so i just used diffent browsers in windows 10.
* Responsibilities : This may include training, guiding the strategy, and identifying risks.
* Schedule :Details on when the testing will take place.
* Risks And Contingencies: The overall risk of the project as it pertains to testing. In my case i do not have all devices to test but i tried my best.
* Approvals:Sign off to proceed to next step.