**Batwa (بٹوہ)**

**Project Batwa**

Test Strategy Document

# Scope

* Details of the product and what areas of the product will be tested

# Test Approach

It defines

* Process of testing
* Roles and responsibilities of each team member
* Types of Testing (Load testing, Security testing, Performance testing,
* Unit testing, integration testing etc.)
* Testing approach & automation tool if applicable
* How will bugs be tracked

# Test Environment

The web app would be tested during development on a chromium-based browser on the desktop and final testing would preferably be conducted on a mobile browser on an Android device. The browser of choice in use will be Google Chrome, however testing on any additional modern web browsing platforms will be a plus.

# Release Control

* How will versioning be done
* How frequently be changes made live for the Product Owner/public

# Risk Analysis

* List all risks that you can estimate
* Give a clear plan to mitigate the risks also a contingency plan

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| --- | --- |
| **Risks** | **Mitigation/Contingency plan** |
| The team is not able to follow version control strategies as strictly which may lead to missing versions etc. | Encouraging regular commits to the github repo as work is done, so that each change is at least tracked, even if not correctly. |
| The team is not able to properly hash and salt passwords | Security is not a function that compromises the core deliverable of the product, it could be delayed to a later stage. |
| The team is not able to acquire enough skills in web dev to create a product that is exceptionally user friendly | The team tries to cut down on some less central features like charts and templates, and also seeks third-party support to improve output. |
| Bugs are missed because they’re being tracked across different platforms on the basis of convenience | The team could try to consistently use either Github issues, or the jira board to log issues. Regularly discussing issues in the scrum meetings could help prevent this. |

# Test Plan

Test:

|  |  |
| --- | --- |
| Test ID | 0001 |
| Test Case Name |  |
| Expected Result |  |
| Purpose |  |
| Details |  |

All testcases including:

* Test Case ID
* Test Case Name
* Test Case Objective
* Prerequisites if any
* Test steps
* Expected results