**Test plan(VWO.COM)**

**Testplan:**

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* **Entry criteria**
* **Exit criteria**
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**Objective:**

In this document of the Test Plan for the VWO application, A/B test anything & measure its impact everywhere.

**Scope:**

The scope of VWO application is validating login page,Dashboard page and create account across different platforms Web and Mobile Applications.

**Types of testing:**

* Manual testing
* Automated testing
* Performance testing
* Usability testing

**Test Environments:**

|  |  |
| --- | --- |
| **Component** | **Details** |
| **URL** | https://staging.vwo.com/login |
| **Tools** | BrowserStack, Postman, Jmeter,Eclipse |
| **OS** | Windows 10,11mac OS,Android13,14,iphone |
| **Browsers** | Google Chrome, Mozilla Firefox, or Microsoft Edge. |
| **Device types** | desktop computers, laptops, tablets, and smartphones. |
| **Network connectivity and Bandwidth** | Wi-Fi, cellular, or wired connections. |

The permissions and roles of the team members who will be usingthe test environment, such as testers, developers, or stakeholders.

|  |  |
| --- | --- |
| **Name** | **Env URL** |
| **QA** | qa.vwo.com |
| **UAT** | uat.vwo.com |
| **PROD** | prod.vwo.com |

**Defect Reporting Procedure :**

**criteria for identifying a defect:**

* Deviation from the requirements, user experience issues, or technical errors**.**

**steps for reporting a defect:**

* Creating Bugs in Jira and uploading screenshots with Description of Bug and steps to reproduce.

**Triage and Prioritization:**

* Assign severity & priority (Critical, High, Medium, Low) of Bug and assign the Jira ticket to the Developers.

**Tracking Tools :**

* Jira Bug tracking tool.

**Roles and Responsibilities:**

* Testers will identify the defects and assign to developers.
* Developers will either fix the issue or close the bug or created as Backlog for the next release.
* Testlead will verify and close the defects

**Communication and channels:**

* Communicating through scrum meetings,Teams and Email

**Metrics:**

* Metrics that will be used to measure the effectiveness of the defect reporting process, such as the number of defects found, the time taken to resolve them, and the percentage of defects that were successfully fixed

**Test strategy:**

* The Scope to create test scenarios and test cases for the various features.

**Test Design techniques:**

* Equivalence Class Partition
* Boundary Value Analysis
* Decision Table Testing
* State Transition Testing
* Use Case Testing

**Test procedure:**

* We will conduct smoke testing to see if major functionalities are working as expected.
* If smoke testing fails we will reject the build and wait for the stable build to perform in depth of application by using testcases created.
* Multiple Test Resources will be testing the same Application on Multiple Supported Environments simultaneously.
* We then report the bugs in bug tracking tool and send it to developing team.
* As part of the Testing, we will perform the below types of Testing: Smoke Testing and Sanity Testing o Regression Testing and Retesting, Usability Testing, Functionality & UI Testing and We repeat Test Cycles until we get the quality product.

**Test schedule:**

|  |  |  |
| --- | --- | --- |
| **Task** | **Duration** | **Dates** |
| Test plan | 2 days |  |
| Testcase creation | 3 days |  |
| Test case execution | 3 days |  |
| Summary reports and submission date | 2 days |  |

**Test Deliverables:**

* + Test Plan Document
  + Test Scenarios and Test Cases
  + Test Data Sets
  + Defect Reports
  + Test Execution Reports
  + Test Summary Report

**Entry Criteria:**

* Testing team receives requirement details about the project.

**Exit criteria:**

* Requirements and doubts are cleared and understood by Testing team.

**Test Execution:**

**Entry Criteria:**

• Test Scenarios and Test Cases Documents are signed-off by the Client

• Application is ready for testing

**Exit Criteria:**

• Test Case Reports, Defect Reports

**Test Closure Entry Criteria:**

• Test Case Reports, Defect Reports

**Exit Criteria:**

• Test Summary Reports

**Risks and Mitigations**

The following are the list of risks possible and the ways to mitigate them:

* Non-availability of resources: Backup resource planning
* Unstable build / build not available Escalate early to Dev, test on stable builds
* Limited testing time Prioritize critical workflows.

**Approvals:**

|  |  |
| --- | --- |
| **Document** | **Approval By** |
| Test plan | Client/Stake holders |
| Test scenario and Testcase | Product owner/QA lead |
| Test summary Report | QA lead/project Manager |

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