Medium.com

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Introduction

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Medium web application. This document includes details like scope of the project, objectives, test schedule and resource allocations, test deliverables and reports.

AUT : https://medium.com/

Objectives

To ensure the functionalities of key features such as write article, and read article

To confirm compatibility with different browsers.

Scope

This test plan covers only functional testing and compatibility testing of the Medium web application across different

Testable features:

* Signin
* Search bar
* Get started
* Our story
* Membership
* Write
* Start reading
* Library
* Stories
* Status
* Manage publication
* Apply for author verification
* Apply to the partner program
* Gift a membership
* Membership and payment

Testing Approach:

Testing Types

* Functional Testing
* Compatibility Testing

Testing Methodologies

* Black-box Testing
* White-box Testing
* Regression Testing
* User Acceptance Testing (UAT)

Testing Environment

* UAT
* Pre-Prod

Operating System

* Windows 12 and above
* Browsers: [Chrome and firefox]
* Testing Tools: [selenium , Postman, Jira , zephyr, Microsoft teams

Entry and Exit Criteria

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

Requirement Analysis

* Entry Criteria:

Once the testing team receives the Requirements documents and use documents of the project. Includes what functions needs to be tested and how the software should behave

* Exit Criteria:

The testing team should thoroughly explore and understand each requirement listed in the documents .Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

Test Planning

* Entry Criteria:

Testable Requirements derived from the given Requirements documents .Test Plan document includes the Test Strategy, which provides a high-level overview of how testing will be conducted.

* Exit Criteria:

Test Plan is signed-off by the Client (Medium)

Test Designing

* Entry Criteria:

The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client

* Exit Criteria:

Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client

Test Execution

* Entry Criteria:

Test Scenarios and Test Cases document needs to be reviewed and approved by the client and documents are signed-off by the Client .Application is ready for further Testing.

* Exit Criteria:

Test Case Reports, Defect Reports are ready

Test Closure

* Entry Criteria:

Test Case Reports, Defect Reports are ready

* Exit Criteria:

Test Summary Reports, it overviews of the entire testing process

Tools

The following are the list of Tools we will be using in this Project:

* X mind map Tool
* Jira - Project management tool
* Sales force cloud - CRM tool
* Zephyr- Test Management
* Microsoft Teams – collaboration
* Selenium - Web Automation

Approvals

Masai will send different types of documents for Client Approval like below:

* Test Plan
* Test Scenarios
* Reports

Testing will only continue to the next steps once these approvals are done