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TEST PLAN

### Project Name : Event Spark web application

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# Overview

* As part of the project, “Eventspark” has asked Masai to test few functionalities of ‘https://eventspark.netlify.app/login’ web application.
* This document serves as high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

# Scope

The scope of the project includes testing the following features of ‘https://eventspark.netlify.app/login’ web application.

**Inclusions**

* Sign up
* Register
* Login Feature
* Forgot password
* Search Feature
* Home Page
* Price Range
* Category Pages

## Test Environments

* + Windows 11 OS– Chrome
  + Android Mobile OS – Chrome

## Exclusions

* + All the features except that are mentioned under ‘Inclusions’.

Roles/Responsibilities

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibilities** |
| S. Prashanth | Test Engineer | * Interact with the application * Performed exploratory Testing * Wrote Test scenarios & Test cases * Functional, Integration, System testing * Executed the Test cases in the application * Report defects * Report the daily progress of work to our team manager. |

# Test Schedule

### Following is the test schedule planned for the project:

|  |  |
| --- | --- |
| **Task** | **Time Duration** |
| Creating Test Plan | May 5th, 2024 to May 8th, 2024 |
| Test case Creation | May 8th, 2024 to May 18th, 2024 |
| Test case Execution | May 18th, 2024 to June 16th, 2024 |
| Summary Report Submission | June 18th, 2024 |

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# Test Deliverables

The following are to be delivered to the client:

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverables** | **Description** | **Responsible**  **Owner** | **Target**  **Completion Date** |
| Test Plan | Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and  schedule | Masai | May 8th, 2024 |
| Functional Test Cases | Test Cases created for the scope defined | Masai | May 18th, 2024 |
| Defect Reports | Detailed description of the defects identified along with screenshots and  steps to reproduced daily basis. | Masai | NA |
| Summary Reports | Summary Reports – Bug by Bug#,  Bugs by Functional Area and Bugs by  Priority | Masai | June 18th, 2024 |

**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 Requirement Documents or project details about the Project which serves as the foundation for the testing process, providing the testing team with insights into what 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 or project details.
  + 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 or Project details
  + 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.

**Exit Criteria:**

* + Test Plan document which includes the Test Strategy, which provides a high-level overview of how testing will be conducted. is signed-off by the Client (Event Spark Web Application)

#### 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 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 gives overview of the entire testing process

# Tools

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

* MS powerpoint and Excel documents
* VS-code
* Cypress automation tool, Xmind

**Risks and Mitigations**

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

|  |  |
| --- | --- |
| **Risk** | **Mitigation** |
| Non-Availability of developers | Wrote test cases for the functionalities which were working. |
| Build URL is not working in browsers other than chrome | Worked only on chrome browser only |
| Less time for Testing | Masai will ramp up the resources based on the Client needs dynamically |

# Approvals

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

1. Test Plan
2. Test Scenarios
3. Test Cases
4. Bug report
5. Summary report

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

**X-Mind mapping tool:**

