



TEST PLAN

Project Name: TutorialsNinja Web application

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Introduction

The aim of document is to give an overview of the testing approach , strategies , and scope .

Web Application. This document includes details like scope of the project , objectives , test schedule and

Resources allocations , test deliverables and reports.

AUT : <https://tutorialsninja.com/demo/>

Objectives

>> The objective of functional testing for the login functionality is to ensure that users can securely and

efficiently access their accounts by providing valid credentials.

>> The objective of functional testing for the registration functionality is to ensure that new users can

create accounts successfully and securely.

Scope

This Test plan covers only **functional testing** and **Usability testing** for the My account functionality

Testable features:

>> Register

>> Login

>> Forgot password

Testing Approach

>> Testing Types

- Functional Testing
- Usability Testing

>> Testing Methodologies

- Black-box Testing
- White-box Testing
- Regressions Testing
- User Acceptance Testing(UAT)

>> Testing Environment

- UAT
- Pre-prod

>> Testing System

- Window 12 and above
- Browser {chrome and firefox}

Roles/Responsibilities

Name	Role	Responsibilities
Ragini Pandav	Test Engineer	<ol style="list-style-type: none">1. Prepare Test plan2. Prepare x-mind map3. Write test Scenarios for My Account Functionality4. Write Test cases on Test Scenarios5. Executing Test cases6. Prepare a bug report for bugs found7. Prepare an Summary Report8. File Closure activity.
Rajit Kumar	Test Engineer	<ol style="list-style-type: none">1. Prepare Test plan2. Prepare x-mind map3. Write test Scenario for My Account Functionality4. Write Test cases on test Scenario5. Executing test cases on test Scenario6. Prepare a bug report7. Prepare an Summary Report8. File Closure activity

Test Schedule

Following is the test Schedule planned for the project

Task	Time Durations
Test Plan creation	17/07/2024
Create Mind map	17/07/2024
Test Scenario creation	18/07/2024
Test case Execution	18/07/2024
Summary Report submission	18/07/2024

Test Deliverables

Deliverable	Description	Responsible Owner	Target completion Date
Test Plan	Outline the testing approach strategies and scope for the qafox.com	Masai	22/07/2024
Test Cases	Test cases created for both functional testing and usability testing	Masai	22/07/2024

Deliverable	Description	Responsible Owner	Target completion Date
Defect Reports	Detailed description of the defects identified in different versions of application.	Masai	22/07/2024

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 Requirements document and use documents of the project
Includes what functions need 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 doubt or uncertainties regarding the requirements should be address 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 ()

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

Test Execution

>> Entry Criteria:

Test Scenario and Test Cases document need 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 Report , 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

- Browser {chrome and firefox}
- X mind - project management tool

Risks and Mitigation plans

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

Risk	Mitigation plans
Lack of Automation Tester	Backup Resource planning
No detailed requirements available	Subject matter experts available for deep understanding of functionalities

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.