TODO Application

Test Plan

**Overview**

This Application provides TODO list in a customized way. This will help users to Add/Activate/Complete and display list of item present in TODO list as per the requirement. It will also help in maintaining the work of the users. It also has the Active option to view all the Active Task. This document describes approaches and methodologies that will apply to integration, system testing as complete Functional Testing. It includes the objectives, test responsibilities, entry and exit criteria and approach.

**Test Environment**

* Browser: Chromium family
* Operating System: Ubuntu

# **Test Scope**

## **In-Scope**

This test plan covers the testing of only happy paths for the below functionalities of TODO application.

* Task creation
* Task Edit
* Task Status
* Task Deletion
* Task Status views

## **Out-Of-Scope**

This test plan doesn’t cover the testing of negative scenarios for the functionalities of TODO application. And it will not cover the testing as Compatibility Testing, Adhoc Testing.

# **Test Scenarios**

## **Functionality Testing**

1. **Task Creation**1. Click the <https://example.cypress.io/todo> it should land on the Home page  
   2.Textfield should present and clickable  
   3.User should able to enter the text i.e special character , number , letter  
   4.Click on Enter  
   5.In the Task list the newly added Task should display

1. **Task Edit**1. Click the <https://example.cypress.io/todo> it should land on the Home page  
   2.Textfield should present and clickable.  
   3.User should able to enter the text i.e special character , number , letter.  
   4.Edit option should present Ex – Double Click to Edit TODO  
   5.Double click on the Task where edits needs to be done & click enter  
   6.Check in the Task list the correct Text is displaying which is edited
2. **Task Status**1.Click the <https://example.cypress.io/todo> it should land on the Home page  
   2.Textfield should present and clickable.  
   3.Multiple task should display and user can active , inactive or complete the status  
   4.Active option should be clickable  
   5.Active Task should display when user will click on active status
3. **Task Deletion**1.Click the <https://example.cypress.io/todo> it should land on the Home page  
   2. Delete option (×) should present   
   4.Multiple task should display and user can delete from them  
   5. Click × on any of the task   
   6.Check deleted task is deleted from the Task List  
   7.To get confirmation click on complete and verify
4. **Task Status Views**1.Click the <https://example.cypress.io/todo> it should land on the Home page  
   2.Textfield should present and clickable.  
   3.Multiple task should display and user can active , inactive or complete the status  
   4.Check if user click on Active only Active Task will display

## 

## **Test Use Cases Feature: Task Deletion**

**Scenario 1: User will enter new task and delete it**  
  
 Given I Visit “TODO URL”  
  
 when I enter “Buy Milk” in the “Text” field  
  
 And I Press the “enter” button

Then I should see the " Buy Milk " I entered in the “Task page”  
  
 And I click “×” in the “Buy Milk”   
  
 Then I should see the "Buy Milk" in the Task page is “Deleted”

**Scenario 2: User Delete the existing Task**   
  
Given I Visit “TODO URL”

When I click “×” in the “Buy Milk” Which I want to Delete “×”Then I should see the "Buy Milk" is deleted from Task Page

**Feature: Task Edit**

**Scenario: Editing an existing task**

Given I Visit “TODO URL”  
  
 when I type “Buy Milk” in the “Text” field  
  
 And I Press the “enter” button

Then I should see the “Buy Milk" I entered in the “Task page”  
  
 And I “double click” on the “Buy Milk”  
  
 And I changed “Buy Milk” to “Buy almond Milk”  
  
 And I Press the “enter” button  
  
 Then I should see the "Buy Almond Milk” in “Updated” Task page

# **Test Strategy**

## **Test Objectives**

* Verify that tasks can be created, edited and deleted successfully.
* Verify that tasks are displayed in Task Bar

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## **Test Assumptions**

* The test environment is tested without any problems before execution.
* Test data is available for performing functional testing.
* The tools and software needed for testing are made available to testers.

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## **Types of Testing**

Below tests are advisable to have for TODO application:

Functional Testing:

* Component testing
* Smoke testing
* Integration testing
* Regression testing
* Sanity testing
* System testing
* Acceptance testing

## **Test Entry and Exit Criteria**

Entry criteria to start the execution phase of the test and Exit criteria for completing the test.

1. **Entry criteria:**

* Test environment(s) is available.
* Test data is available.
* Integration is completed.
* Test scripts are completed, reviewed and approved by the product owner

1. **Exit criteria:**

* Ensure that the Test coverage.
* 100% Test Scripts executed.
* Test execution report with all expected and actual results are captured and documented properly.
* All the failed test cases are rerun after fixing and retesting of the bugs.

1. **. Test suspension criteria:**

* If critical defects are found during testing that could impact to the system or its users, testing may be suspended until these issues are fixed.
* Testing may be suspended if the required test environment is not Present.
* Testing may be delayed or held if the requirement will change frequently.
* A QA will give signoff there will be no critical bugs present, all the testcases are executed successfully using all the testing process. All the negative and positive scenarios are covered.

## **Automation**

In TODO Application to automate the process of editing, creating, and deleting tasks. The Main Advantage of using Automation for those functionalities (i.e Create task, edit task, Delete task ) we can reuse the code if any enhancement going to add in future.