

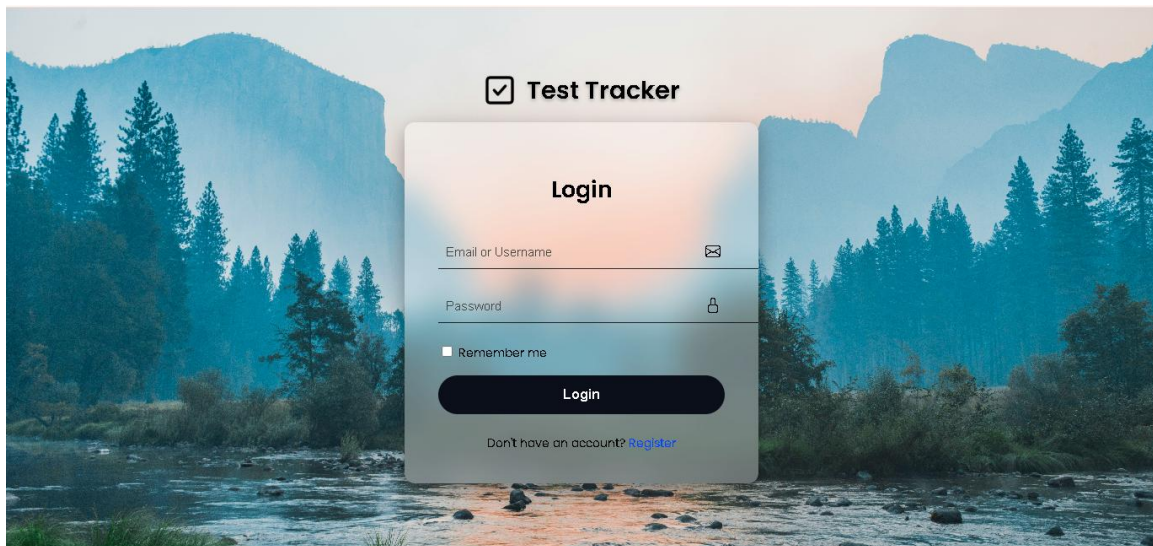
Test Tracker – Project Report

Purpose of the Project

Test Tracker is an automation-based testing management tool aimed at simplifying and organizing the process of managing project requirements and their associated test cases. This application helps software testers and QA teams create, update, and manage project requirements and link them with specific test cases, improving traceability and overall quality assurance workflow.

Login Page

The login page allows registered users to access the system securely using their username or email and password. The login form is centrally aligned on the screen with a blurred background image. The title 'Login' appears centered just above the form. Input fields for credentials are accompanied by icons, and a login button sits below the form. Feedback for invalid credentials appears in a red message box.



Register Page

New users can create an account on the Register page. The form is also center-aligned with fields for username, email, password, and confirm password. On successful registration, users are redirected to the login page. The page has a modern design consistent with the login page.

☒ Test Tracker

Register

Username

Email

Password

Confirm password

Sign Up

Already have an account? [Login](#)

[Home Page](#)

Add project Pop-Up :

This pop up helps user to add title and Description of the project to Display as cards in the Home page

Add Project

Project Title

Project name

Description

Project description

Cancel

Save

Requirement Page

Clicking on a project redirects to its associated Requirement page. The page lists all requirements in a structured table with columns for Requirement ID, Name, Description, and Actions (Update/Delete). A modal form is triggered using the 'Add Requirement' button for creating new entries. Messages for actions are suppressed for a cleaner experience. A 'Home' button is also available in the navigation

☒ TestTracker

HomeRequirementsTest CasesLogout

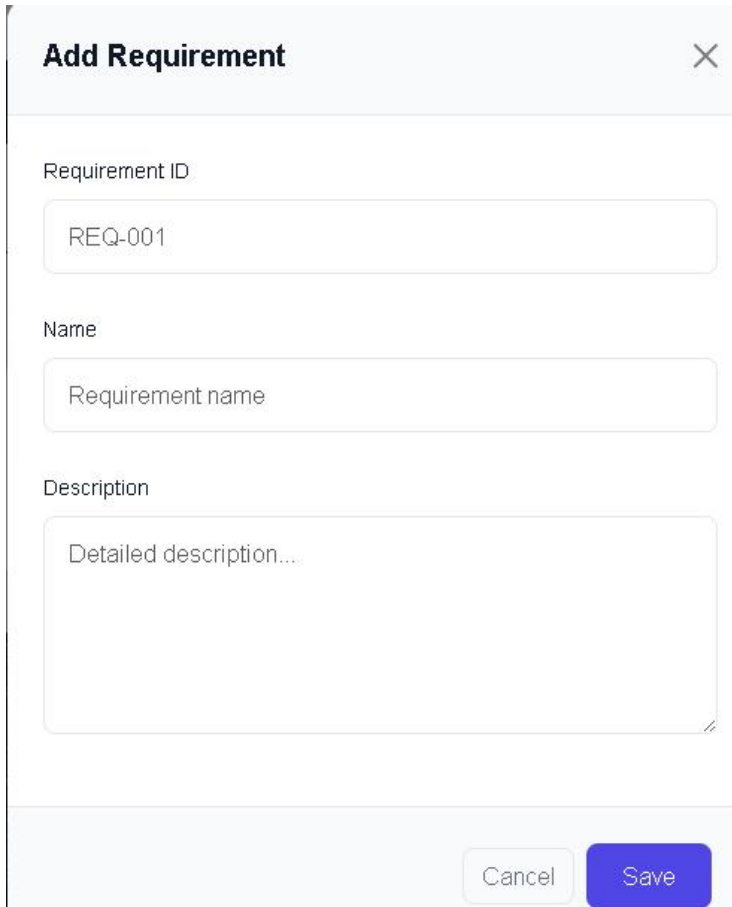
Requirement Management

+ Add Requirement

ID	NAME	DESCRIPTION	ACTIONS
001	Add to Cart	Test adding/removing items, quantity changes, and cart persistence	<div>EditDelete</div>

Requirement Page Pop-Up :

Allows users to define new requirements with a name and detailed description.



The image shows a modal window titled "Add Requirement" with a close button (X) in the top right corner. The form contains three input fields: "Requirement ID" with the value "REQ-001", "Name" with the placeholder "Requirement name", and "Description" with the placeholder "Detailed description...". At the bottom right, there are two buttons: "Cancel" and "Save".

Add Requirement ✕

Requirement ID

REQ-001

Name

Requirement name

Description

Detailed description....

Cancel Save

Test Case Page

The Test Case page is accessible from the navbar or from a project card. It displays a form in a modal to create test cases linked to specific requirements. Dropdowns allow the user to select existing Requirement ID and Name. Each test case includes fields like Test Case ID, Purpose, Pre-Condition, Test Steps, Expected Result, Actual Result, and Result. Submitted test cases are stored in the database and also exported to an Excel file for reporting purposes.

TestTracker

HomeRequirementsTest CasesLogout

Test Case Management

+ Add Test Case

Export to Excel

REQ ID	REQUIREMENT	TEST ID	PURPOSE	PRE CONDITION	TEST CONDITION	EXPECTED RESULT	ACTUAL RESULT
001	Add to Cart	TC - 001	To verify that a product can be successfully added to the shopping cart	User is logged in and on the product listing page	Click "Add to Cart" on any product	The selected product should appear in the cart with correct name and price	The selected product should appear in the cart with correct name and price

Add Test Case Pop-Up:

Creates test cases tied to specific requirements for traceability.

Add Test Case

Requirement

-- Select Requirement --

Test ID

TC-001

Test Case Purpose

Purpose of this test case

Pre Condition

Test Condition

Expected Result

Actual Result

Test Result

Version

Test Case Update Pop-Up:

It allow user to update the Actual result, expected result and status of the project.

Update Test Case

Requirement

001 - Add to Cart

Test ID

TC - 001

Test Case Purpose

To verify that a product can be successfully added to the shopping cart

Pre Condition

User is logged in and on the product listing page

Test Condition

Click "Add to Cart" on any product

Expected Result

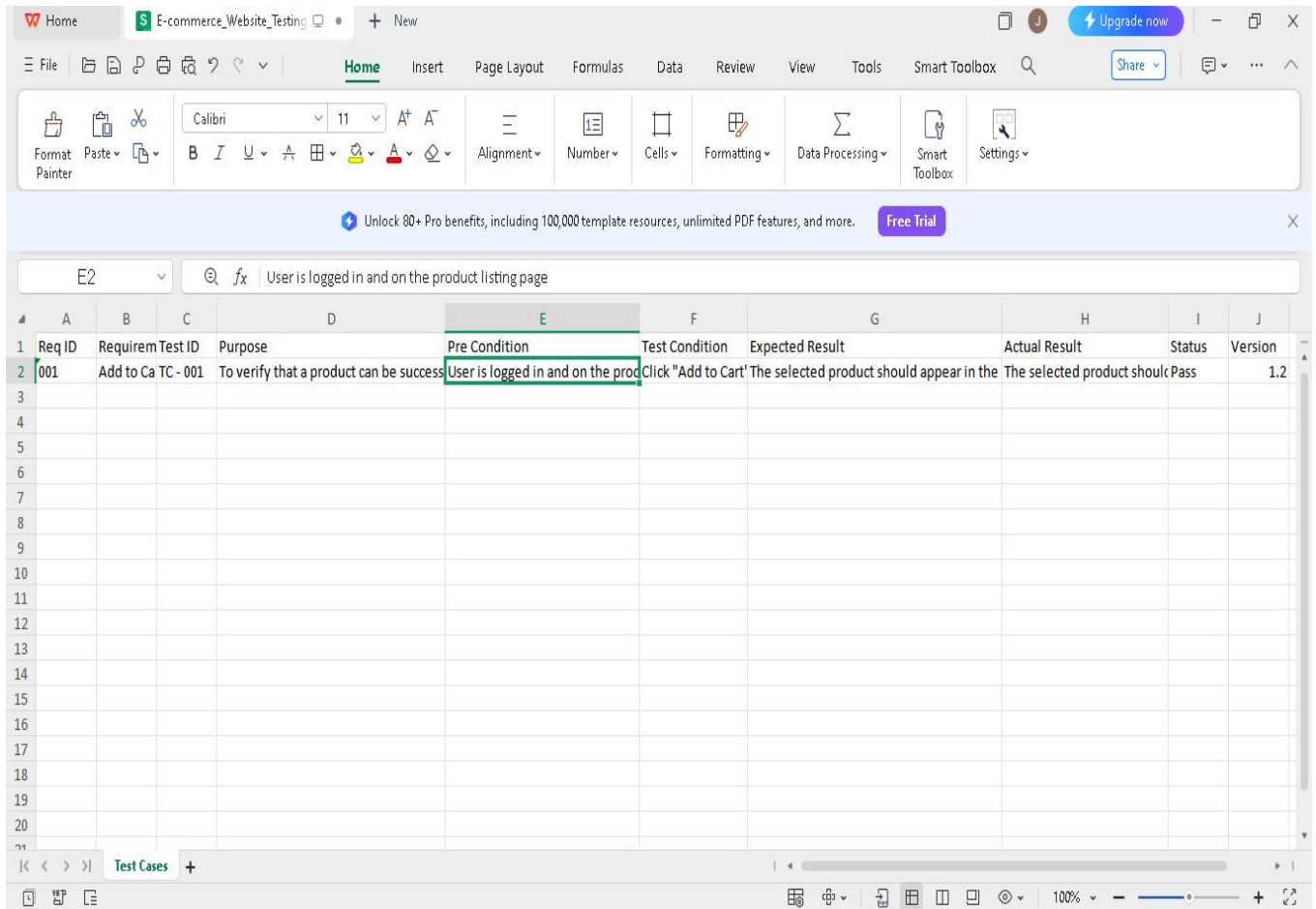
Actual Result

Test Result

Version

Final output as in excel sheet:

User can download an Excel sheet as a final output when they click Export button in the test case page



The screenshot shows an Excel spreadsheet with a table of test cases. The table has columns for Req ID, Requirement ID, Purpose, Pre Condition, Test Condition, Expected Result, Actual Result, Status, and Version. The first row of data shows a test case with Req ID 001, Requirement ID Add to Cart - 001, Purpose To verify that a product can be successfully added to the cart, Pre Condition User is logged in and on the product listing page, Test Condition Click 'Add to Cart', Expected Result The selected product should appear in the cart, Actual Result The selected product should be added to the cart, Status Pass, and Version 1.2.

Req ID	Requirement ID	Purpose	Pre Condition	Test Condition	Expected Result	Actual Result	Status	Version
001	Add to Cart - 001	To verify that a product can be successfully added to the cart	User is logged in and on the product listing page	Click 'Add to Cart'	The selected product should appear in the cart	The selected product should be added to the cart	Pass	1.2

Sample Page Flow Diagram (Described)

→ Login Page → Home Page → (Select Project) → Requirement Page → (Add/Edit/Delete Requirements) → Test Case Page → (Add/Edit/Delete Test case) → Export into Excel sheet

Each page is accessible through the shared navigation bar. Actions like project selection or navigation update the visible content area accordingly.