

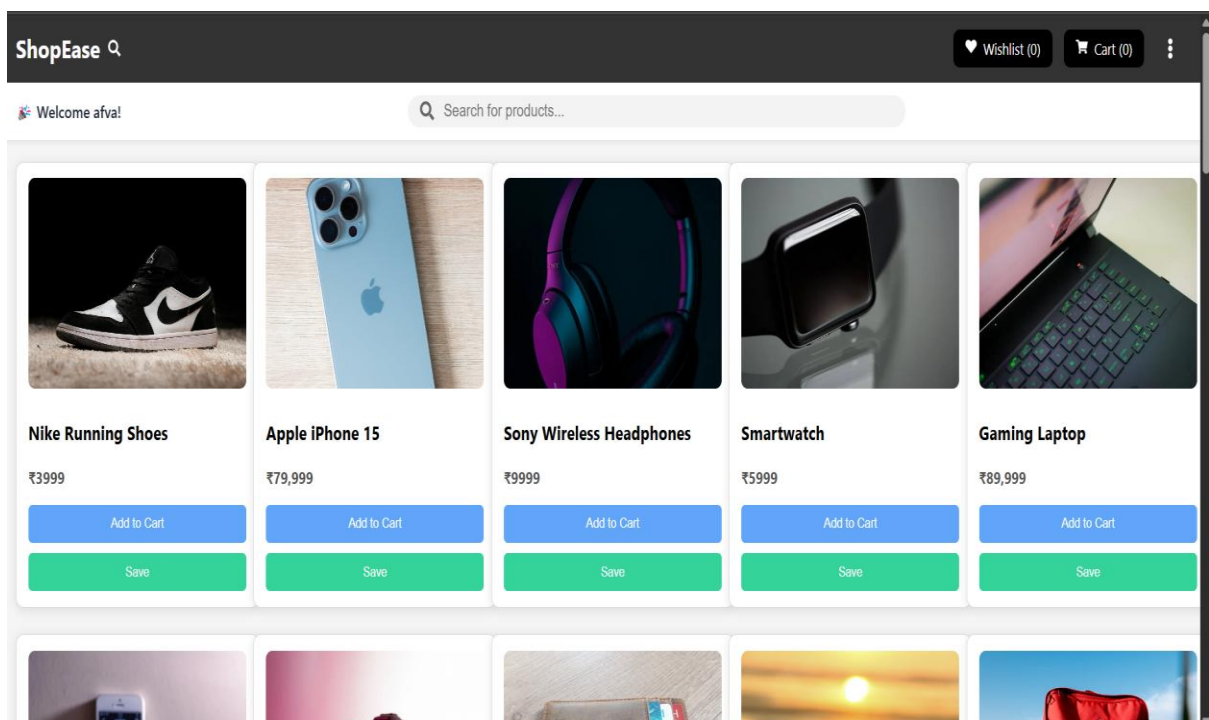
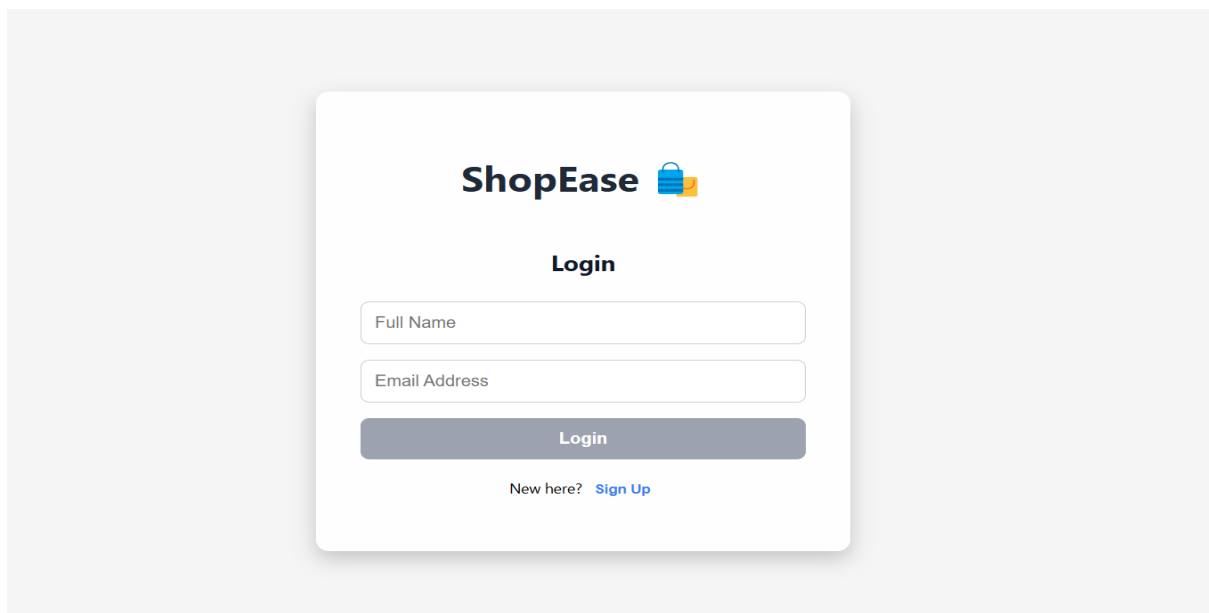
QA Engineer Project Portfolio

Name: Abhisek Sahoo

Project: Testing of React E-commerce Website

Tools Used: JIRA, Zephyr

Date: April,2025



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2.1. Project Overview

Project Name: React E-commerce Website Testing

Description:

- Built and tested a shopping website with features like login, cart, Wishlist, and checkout.
- Tested all modules manually and logged bugs using JIRA.
- Managed test cases and test cycles using Zephyr inside JIRA.

Scope:

- Functional Testing
- UI Testing
- Regression Testing
- Bug Tracking

2.2. Tools and Technologies

- JIRA
(for bug tracking and project management)
- Zephyr
(for test management - test cases and test cycles)
- **Browsers Tested:** Chrome

2.3. Test Planning

- Created a test plan document covering all modules (Login, Cart, Checkout).
- Divided testing into two phases: Functional and Regression.
- Decided browser (Chrome) and devices (PC) for testing.
- Kept the tasks at the backlog and added it to the Board.
- Added Zephyr for test management

2. 4. Test Cases and Cycles

This screenshot shows the 'Test Cases' view in the Zephyr Essential application within Jira. The interface includes a sidebar with navigation options like Board, Calendar, List, Forms, Goals, All work, Add view, DEVELOPMENT, Code, Project pages, Learn Jira in 5 m..., Zephyr Essential, Add shortcut, Project settings, and Archived work items... The main content area displays a list of test cases under the 'All test cases' tab. The list has columns for checkboxes, P (Priority), Key, V (Version), Name, Status, and R (Reviewer). The test cases listed are:

P	Key	V	Name	Status	R
	SCRUM-T7	1.0	About page	DRAFT	
	SCRUM-T9	1.0	Cart	DRAFT	
	SCRUM-T4	1.0	Div below NavBar	DRAFT	
	SCRUM-T6	1.0	Div that appear when scrolling down.	DRAFT	
	SCRUM-T3	1.0	NavBar	DRAFT	
	SCRUM-T10	1.0	Payment	DRAFT	
	SCRUM-T1	1.0	TC01	DRAFT	
	SCRUM-T2	1.0	TC02	DRAFT	
	SCRUM-T5	1.0	The Item-Cards.	DRAFT	
	SCRUM-T8	1.0	Wishlist	DRAFT	

At the bottom, it shows '1 - 10 of 10' items.

This screenshot shows the 'Test Cycles' view in the Zephyr Essential application within Jira. The interface is similar to the Test Cases view, but the main content area displays a list of test cycles under the 'All test cycles' tab. The list has columns for checkboxes, Key, Name, Progress, Status, Owner, and Planned. The test cycles listed are:

Key	Name	Progress	Status	Owner	Planned
SCRUM-R10	Payment	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R9	Cart	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R8	Wishlist	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R7	About	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R6	Div appears when scrolling down.	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R5	The Item-Cards	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R4	Div below navbar	100%	DONE	Abhisek Sahoo	27/Apr/25
SCRUM-R3	NavBar	100%	DONE	Abhisek Sahoo	26/Apr/25
SCRUM-R2	Home-Page	100%	DONE	Abhisek Sahoo	26/Apr/25
SCRUM-R1	TCy01	100%	DONE	Abhisek Sahoo	26/Apr/25

At the bottom, it shows '1 - 10 of 10' items.

2. 5. Bug Reporting

The screenshot displays a JIRA test case report for the 'NavBar' component. The breadcrumb trail at the top indicates the path: React project / Test Cycles / SCRUM-R3 / Test Player. The test case is titled 'NavBar' and includes metadata: 'No estimated time', 'No execution time', 'Planned start date: 26/Apr/25', and 'Planned end date: 26/Apr/25'. A 'Back' button is located in the top right corner.

On the left, the 'Test Cases' section shows a filter for 'Pass' with '1 test case' listed: 'SCRUM-T3 (1.0) NavBar' with a red 'AS' status icon.

The main content area shows the test case details for step 3, which is highlighted with a red background. The step is titled '3' and is marked as 'FAIL' with a red icon. The step description is: 'There should be a dropdown icon and it should show the About page link and a sign-out option.' The 'TEST DATA' is 'None'. The 'EXPECTED RESULT' is: 'The About page link should show the page where there is information about the app. And the Sign-out option which should be redirected to the Login Page.' The 'ACTUAL RESULT' is: 'The Home page is responding but the sign out is not responding.' The 'ISSUES' section contains a red icon and the text 'SCRUM-6 Sign-out button not working.' with a 'DONE' button. The 'ATTACHMENTS' section shows a file '2.png' with a size of '531.4 kB', uploaded by 'Abhisek Sahoo' on '27/Apr/25 7:59 pm'.

Bug Title: Sign-Out button not working / responding.

Severity: Critical

Priority: High

Reported in: JIRA

Status: Resolved

All the details with proof of all the test cycles/cases are present here:

Double-Click to open:

Jira project details:



Jira Export Excel CSV
(all fields) 2025042818

Scrums:



Jira.pdf

Result: (E-Commerce website link)

<https://abhiseksahoo27.github.io/Project-5/>

- This project helped me understand the full Software Testing Life Cycle (STLC) including test planning, case writing, execution, bug tracking, and reporting. Now I am ongoing for Automation part.
- I am now confident to work as a QA Engineer using tools like JIRA, Zephyr.