

**Project Name:** Demo Blaze E-commerce Website Testing

**Website Link:** <https://www.demoblaze.com/index.html>

**Jira Link:** <https://salmamohamedd286.atlassian.net/jira/software/projects/SCRUM/list>

### **Project Objectives and Future Steps:**

#### **Project Goal:**

The goal of this project is to test the Demo Blaze e-commerce website and ensure that all its features function as expected.

#### **About the Website:**

Demo Blaze is a simple shopping website that includes the following features:

- User login and logout
  - User sign up
  - Product browsing and selection
  - Shopping cart management
  - Checkout process
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### **Features Tested**

We tested the following core functionalities:

- Logging in and logging out
- Signing up
- Viewing product listings and product detail pages
- Adding items to the cart
- Removing items from the cart
- Calculating the total price
- Placing an order

- Viewing the Contact page
  - Viewing the About Us page
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### Testing Methods Used

We applied different types of testing to ensure the website's quality and performance:

- Manual testing
  - Automation testing
  - API testing using **Postman**
  - Database testing using **DB Fiddle**
  - Performance testing using **JMeter**
  - CI/CD pipelines to automate testing and deployment processes
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### Tools and Methods Used:

- **Jira:** For managing user stories, epics, and bug reports.
  - **Excel:** For creating test cases and tracking progress for each feature.
  - **Sprints:** We worked in sprints to ensure structured progress and testing.
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### Future Steps

In the future, we plan to further enhance our testing process by:

- Exploring and integrating new testing tools
- Refining and expanding our automated test scripts
- Testing across a broader range of devices and web browsers for better compatibility and user experience

## Team Members and Responsibilities

Name	Responsibilities
Ahmed Sameh	Tested: Log In, Log Out, Home Page, Contact Page
Salma Mohamed	Tested: Total and Place Order Features(Checkout functionality) , Performed API testing (Postman) , Database Testing , performance testing (Jmeter) and CI/CD (Jenkins)
Alaa Refaat	Tested: Sign Up, About Us Page
Hossam Amir	Tested: Product Detail Page, Add to Cart, Remove from Cart