**Project Name: Nop commerce**  
**User Story and Acceptance Criteria**

• **Register**

As a new user I want to register to the website so that I can interact with the inner functionality.

**Acceptance criteria:**

-> The registration process should be successful with valid information.

-> The registration process should not be successful without filling mandatory fields.

-> The registration process should not be successful with duplicate email.

-> The registration process should display a successful message after a successful registration.

• **Login**

As a user I want to login to the website so that I can do the necessary tasks.

**Acceptance Criteria:**

->The login process should be successful with valid credentials.

->The login process should not be successful with valid credentials.

->The login process should not be successful with empty submission.

->The login process should display a successful message after a successful login.

• **Reset Password**

As an existing user I want to reset my password so that I can use my account again.

**Acceptance criteria:**

-> The reset password feature should be worked successfully only for the existing users.

-> The reset feature should display a successful message after a successful process.

• **Add to wish**

As user I want to have add to wish feature so that I can add products to to order later.

**Acceptance criteria:**

-> The add to wish should be worker successfully after clicking on it.

-> The add to wish feature should display a successful message after adding the product.

• **Add to cart**

As user I want to have add to cart feature so that I can add products to the cart to order.

**Acceptance criteria:**

-> The add to cart product feature should be worked successfully after clicking on it.

-> The add to cart feature should contain necessary fields like quantity box, size, and color.

-> The add to cart feature should have mandatory payment fields.

-> The add to cart feature should display a successful message after adding the product.

• **Contact**

As a user I want to have contact feature so that I can send my query to the owner or admin.

**Acceptance criteria:**

-> The contact us feature should be available for anyone.

-> The contact us feature should not be worked successfully without putting mandatory information.

-> The contact us feature should display a successful message after a successful process.

• **Social**

As a user I want to see the social links connected with the website so that I can bypass the hassles.

**Acceptance criteria:**

-> The social links should be available on the website.

-> The social links should be navigated to the correct pages after clicking on them.

• **Titles**

As a user I want to see the correct title on the pages so that I can use the website comfortably.

**Acceptance criteria:**

-> The webpage titles should be matched with the URLs for every pages.

• **Currency Changer**

As a user I want to change the currency changer option so that I can pay with my own currency.

**Acceptance criteria:**

-> The currency changer feature should be available on the website.

-> Currency should be changed properly after switching from one to another.

• **Products Download**

As an admin I want to download the whole products so that I can go through them.

**Acceptance criteria:**

-> The product download products feature should be downloaded with different file formats.

-> The product download should be worked immediately after a single click.

• **Add Manufacturer**

As an admin I want to add manufacturer of the products to track my business.

**Acceptance criteria:**

-> The add manufacturer feature should be added, edited, deleted successfully after doing these actions.

-> The manufacture feature should be processed successfully only after putting necessary information.

• **Add Discounts**

As an admin I want to add discount on the products so that I can sell more on special occasions.

**Acceptance criteria:**

-> The add discounts feature should be added, edited, deleted successfully after doing these actions.

-> The add discounts feature should be processed successfully only after putting necessary information.

**Questions and Answers**

**Q1. How script-based testing is compared with the record and replay style of testing?**

**Answer:**  
On the basis of expertise technically there are primary difference based on the planning, test strategy, execution etc.

**Record and replay testing:**

• Record and replay style of testing is only for small projects because it can't handle dynamic and complicated websites those contain huge data.

• It doesn't perform unit testing.

• Does not support the frameworks like BDD, TDD, and other reporting tools for better test.

• Does not provide reusability, security, and best practices as it does not follow object-oriented programming.

• Record and replay style of test tools have so many bugs and most of the time it does not work properly.

• Easy for non-programmers, very small projects, and urgent delivery.

**Script based testing:**

• Script based test supports E2E testing, Unit testing, can test complex and dynamic websites.

• It can interact with database.

• Support the frameworks like BDD, TDD, and other reporting tools for better test.

• Provide reusability, security, and best practices as it follows object-oriented programming.

• It supports custom conditional statements, loops, commands, and so on.

• Can be modified easily when the web elements and webpages change.

• Can be difficult for non-programmers.

• understanding client's requirements might the difficult sometimes because of the complexity.

**Q2. Why your test suite is of best quality?**

**Answer:**  
Firstly, script-based test is always better because of its stability. I used maven tool so that anyone can avoid any difficulty related installing the jars externally. POM will handle these stuffs. Secondly, my test suit contains the best practices. I followed object-oriented concept in my suite. It contains inheritance to avoid the repetitions of code, private access modifier to secure the data, and finally the most trending page factory feature of selenium to separate web elements in other classes; it is better that page object model since it is particular made for web elements, to look for and handle the web elements faster. Besides, I made the process dynamic. Anyone can open the project and put their data on the classes to run it. So, I would say my suite is the best.

**Execution Time:**  
1 minute 28 Seconds