

## Project Planning & Management – Testing Project

### **1. Project Description**

This project focuses on performing Manual Testing, API Testing, and Automation Testing for the demo e-commerce website:

<https://awesomeqa.com/ui/index.php?route=common/home>

The purpose of the project is to evaluate the website's functionality, usability, and reliability across different modules such as login, product search, shopping cart, and checkout.

In addition to UI testing, the project includes API Testing using the public REST API service Restful Booker, which provides endpoints for authentication, booking creation, updating, and deletion. The API keys/tokens from Restful Booker will be used to test different API functionalities and validate backend responses.

### **2. Testing Scope**

Manual Testing:

- Home page
- Login & registration
- Product search
- Product details page
- Add to cart
- Checkout process
- Contact us page

### **API Testing (Restful Booker):**

- Create booking
- Update booking
- Delete booking
- Get booking information
- Authentication & token generation

### **Automation Testing:**

Automation will be done using tools such as Selenium or Cypress. Automated test cases will cover:

- Login
- Add to cart
- Search
- Successful checkout
- Critical regression scenarios

### **3. Testing Roles**

- Manual Tester: Executes test cases manually on the UI.
- API Tester: Performs API testing on Restful Booker using tools like Postman.
- Automation Tester: Writes and executes automation scripts for selected website functionalities.

Roles of member

Yoanna: manual and bug sheet of manual and APIS

Omar: manual and automation