

Test Strategy

Objective: Ensure the application is functional, secure, and user-friendly from both the customer's and the admin's perspectives.

Scope: Cover all critical functionalities including user registration, product browsing, cart management, order processing, admin product management, and user role validations.

Test Plan

Test Number	Test Description	Test Data	Expected Result
1	Testing if admin users can be created.	email , password	Creation successful
2	Test if admin user can login	email , password	Login successful
4	Test if the admin can create, edit, update and destroy a category.	Category: name, Id, picture, description	creation , edit, update, and destroy successful
5	Test if the admin can create, edit, update and destroy a product	Product:: name:string, Id:int, img:png, description:string	creation , edit, update, and destroy successful
6	Test if the admin can create, update, and destroy stock and size	Product:: size:string, stock:int	Creation, update and destroy stock and size successfully.
7	Test if the admin can view, edit and process orders.	boolean	creation, update, and destroy successful
8	Test if a customer can browse based on category.	N/A	Browsing on the home page works when a category is clicked, the link goes to the correct category.
9	Test if the user can add products to cart, modify it, etc.	Product data.	Product size can be selected and added to the shopping cart. Cart items can be edited and removed.
10	Check if user can complete the checkout process and simulate payment.	Email, payment info, address, name, product info.	Users can enter payment info and place an order.