Bazaar Ceramics Project

Test Plan



Institute of Technology Australia

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| --- | --- |
| **Version History** | |
| **Version #** | **Date** | | **Revised By** | **Reason for change** |
| **1.0** | **28/03/2021** | | **Alessandro Ferro** | **NA** |
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# Scope

The scope of this document is to describe the procedures of the testing process for the Bazaar Ceramics Website Project.

This document purpose is to give a comprehensive understanding of what is to be tested, when and how, detailing the scope, processes, results and any relevant observation related to the execution of the tests.

The testing of the Bazaar Ceramics website focuses on those aspects that are strictly related to the user experience. This includes the functionalities, cross browser compatibility and navigation.

Although not included in the scope, partial testing of security and performance in the development environment will also be executed.

The testing will be performed by the developer, therefore it falls under the category of White Box testing and the results will be sent to the stakeholders via email.

A fully functional version of the product will also be provided to the stakeholders, to undergo their own independent testing if deemed necessary.

The testing will be documented with descriptions of the processes, input/output and screenshots of the results whenever possible.

At the end of the testing, the results will be cross referenced with the requirements detailed in the Business Requirements document that will serve to provide the acceptance criteria for the project.

The testing can either result in the product satisfying all the criteria and being accepted by the client, or in the finding of outstanding issues that may need some rework done. In the latter case, a new cycle of testing, including Regression testing, will be performed until the product will be considered ready for the production environment.

On top of the source code of the solution, the outcome of the testing also consists of the test plan document (this document), the test summary report, the test acceptance report and the project closure document, to mark the end of the Bazaar Ceramics Project.

Features to be tested

|  |  |  |
| --- | --- | --- |
| **Features** | **Priority** | **Description** |
| **Visitor** | | |
| Navigation | 1 | A visitor can navigate the first layer of the website. |
| Send message | 2 | A visitor can send a message to the company using the form in the contact page |
| View products details | 1 | A visitor can select a product to see its details and add it to cart |
| Search product | 2 | A visitor can search for a specific product from the search bar |
| Add to cart | 1 | A visitor can add a product to its shopping cart from the product details page |
| Change quantity in cart | 3 | A visitor can change the quantity of an item in the shopping cart |
| Remove from cart | 1 | A visitor can remove products from the shopping cart |
| Register | 1 | A visitor can register to the website |
| **Registered Customer** | | |
| Login | 1 | A registered customer can login into the website |
| View Cart | 1 | A registered user can access the shopping cart and its functionalities |
| Add to cart | 1 | A registered customer can access its shopping cart |
| Remove from cart | 1 | A registered user can remove products from the shopping cart |
| Checkout | 1 | A registered customer can purchase the items in the shopping cart |
| Logout | 1 | A registered customer can logout |
| **Admin** | | |
| Login | 1 | An admin can login and access the administrator dashboard of the website |
| View sales | 1 | An admin can view the sales for each day of the previous week |
| View customers | 2 | An admin can view the customers registered to the website |
| Search customer | 3 | An admin can search for a specific customer |
| View products | 1 | An admin can view the products in the website catalogue |
| Search Product | 3 | An admin can search for a specific product |
| Create customer | 3 | An admin can create a registered customer |
| Remove customer | 3 | An admin can remove a registered customer |
| Create product | 1 | An admin can create a product in the website catalogue |
| Update product | 1 | An admin can modify a product in the website cataloguee |
| Remove product | 1 | An admin can remove a product from the website catalogue |
| Logout | 1 | An admin can logout |

# Out of scope

Because the testing discussed in this document will be performed directly by the developer, black box testing will be considered out of scope.

Security and performance testing will be marginally touched as part of the testing of the sign-up/sign-in functionalities and of the website navigation, but do not fall within the scope of this test.

Also selection, retrieval, deletion and update capabilities of the database will be included in the testing of the database functionalities, but dedicated database testing is not included in the scope.

Other tests out of scope are:

* Stress testing
* Crowd testing
* User testing
* Interface testing

As a guiding principle, everything that is not included in the scope section of this document, should be considered out of scope.

# Assumptions

For the correct execution of the tests identified in the scope section of this document, the following is assumed

* The testing environment will be available by the test starting date.
* The system is fully developed and every functionality has been integrated and tested during development.
* The business requirements specification is available, detailing the functionalities against which the solution will be tested.
* The database is available.
* The database is populated with the test data necessary to test each functionality.
* At least one customer account is available.
* At least one admin account is available.
* The machine used for testing has at least three of the most popular web browsers installed, to perform cross-browser functionality testing.
* The browsers chaches are clear
* There are no browser extensions that may interfere with the testing of the website.

# Schedules

|  |  |
| --- | --- |
| Test Name: | Navigation |
| Test Case Author: | Alessandro Ferro |
| Tester Name: | Alessandro Ferro |
| Project ID / Name: | Bazaar Ceramics Project |
| Test Cycle ID: | 3 |
| Test Start Date: | 28/03/2021 |
| Test End Date: | 28/03/2021 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Name** | **Date** | **Duration** | **Resources** | **Description** |
| Prepare Testing Environment | 28/03/2021 | 5 minutes | Developer/Tester | * Clear browser history and cache |
| Perform Manual Navigation | 28/03/2021 | 10 minutes | Developer/Tester | * Navigate first layer from navigation bar * Navigate links on each page * Navigate second layer |
| Perform Automated Link Check | 28/03/2021 | 10 minutes | Developer/Tester | * Run link checker command * Check result |
| Post testing debrief | 28/03/2021 | 10 minutes | Developer/Tester | * Review test results * Highlight any outstanding issue or non conformancy * Describe any discrepancy between results and expected results |
| Reset environment | 28/03/2021 | 5 minutes | Developer/Tester | * Clear browsers history and cache |
| Test report | 28/03/2021 | 20 minutes | Developer/Tester | * Prepare report for management and project sponsor. |
| Total Time | | | | 1 hour |

|  |  |
| --- | --- |
| Test Name: | Functionality testing |
| Test Case Author: | Alessandro Ferro |
| Tester Name: | Alessandro Ferro |
| Project ID / Name: | Bazaar Ceramics Project |
| Test Cycle ID: | 1 |
| Test Start Date: | 28/03/2021 |
| Test End Date: | 28/03/2021 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Name** | **Date** | **Duration** | **Resources** | **Description** |
| Prepare Testing Environemnt | 28/03/2021 | 10 minutes | Developer/Tester | * Clear browser history * Uninstall browser extensions * Clear database from data created during development * Prepare the server |
| Create and populate database | 28/03/2021 | 10 minutes | Developer/Tester | * Check database script. * Check conformity of database data with testing needs * Run database script in the server |
| Test Customer Functionalities | 28/03/2021 | 1 hour | Developer/Tester | * Send message functionality * Browse product catalogue * View product details functionality * Search product * Add product to cart functionality * Change product quantity in shopping cart functioanlity * Register to the website functionality * Login functionality * Checkout functionality |
| Test Admin Functionalities | 28/03/2021 | 30 minutes | Developer/Tester | * Login as an admin functionality * View sales report functionality * View customers functionality * Create customer functionality * Delete customer functionality * View products functionality * Update product functionality * Delete product functionality |
| Post Testing Debrief | 28/03/2021 | 30 minutes | Developer/Tester | * Review test results * Highlight any outstanding issue or non conformancy * Describe any discrepancy between results and expected results |
| Reset Environment | 28/03/2021 | 10 minutes | Developer/Tester | * Clear browser history * Delete data created for testing from the database (e.g Registered user, Shopping cart, etc.) * Reset server configuration if necessary. |
| Test Report | 28/03/2021 | 2 hours | Developer/Tester | * Prepare report for management and project sponsor. |
| Total Time | | | | 4 hours |

|  |  |
| --- | --- |
| Test Name: | Cross-browser compatibility |
| Test Case Author: | Alessandro Ferro |
| Tester Name: | Alessandro Ferro |
| Project ID / Name: | Bazaar Ceramics Project |
| Test Cycle ID: | 2 |
| Test Start Date: | 28/03/2021 |
| Test End Date: | 28/03/2021 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Name** | **Date** | **Duration** | **Resources** | **Description** |
| Prepare Browsers | 28/03/2021 | 10 minutes | Developer/Tester | * Clear browsers history and cache |
| Customer workflow | 28/03/2021 | 20 minutes | Developer/Tester | * Send message from contact form * Browse product catalogue * View product details * Add product to cart * Change product quantity in shopping cart * Register to the website * Login * Checkout |
| Admin workflow | 28/03/2021 | 20 minutes | Developer/Tester | * Login as an admin * View sales report * View customers * Create customer * Delete customer * View products * Update product * Delete product |
| Post testing debrief | 28/03/2021 | 5 minutes | Developer/Tester | * Review test results * Highlight any outstanding issue or non conformancy * Describe any discrepancy between results and expected results |
| Reset environment | 28/03/2021 | 5 minutes | Developer/Tester | * Clear browsers history and cache |
| Test report | 28/03/2021 | 1 hour | Developer/Tester | * Prepare report for management and project sponsor. |
| Total Time | | | | 2 hours |

|  |  |
| --- | --- |
| **Estimated total time to complete the testing and the production of the correlated deliverables:** | **7 hours** |

# Roles and Responsibilities

Developer/Tester

The developer is responsible for the planning and execution of the tests specified in the scope section of this document.

The suite of tests performed by the developer serves to assure that the system can perform the tasks required by the client and that is capable of render and function on different browsers.

The fulfillment of this criteria would guarantee that the system meets the minimum requirements to provide the features and functionalities necessary to operate as an online ecommerce platform in the production environment.

It is also the developer/tester responsibility to produce complete documentationof the entire testing process and to make it available to the client in a timely manner.

Project Owner

It is responsibility of the client to perform their own suite of tests. Although the testing done by the developer will be tailored to challenge the business requirements provided by the stakholders and agreed upon by all involved parties, any other testing the client may want to conduct in order to verify the product suitability to their needs, falls under their responsibility.

The project owner is also responsible to give honest and clear feedback to the developer and to uphold to the terms idenitifed in the business requirements, which form the body of the acceptance criteria for this cycles of tests.

Employee

Bazaar Ceramics staff is responsible to perform user testing for the administrative side of the website.

# Environments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Responsible** | **Location** | **Description** | **Environment** |
| Testing during development | Developer/Tester | Developer premises | Each functionality will be tested as per normal development practices. | Development machine.  Xampp development environment.  Browsers: Chrome, Firefox, Edge. |
| Post development testing | Developer/Tester | Developer premises | Pre acceptance testing performed independently by the developer. Test results will be communicated to the project owner via email. | Development machine.  Xampp development environment.  Browsers: Chrome, Firefox, Edge. |
| Acceptance Testing | Developer/Tester  Project Owner | Bazaar Ceramics premises | Acceptance testing will be performed at Bazaar Ceramics in presence of the Project owner | Bazaar Ceramics machine.  Windows server.  MySQL Database  Browser: Chrome. |

# Tools required for testing

|  |  |
| --- | --- |
| **Tool** | **Reason** |
| Machine capable of receiving user input and rendering output | Nearly all the functionalities to be tested rely on input provided by the user, with the result to be displayed on a screen. |
| Web Server | The server should be compatible with PHP as a programming language and MySQL as database, to be capable of processing clients requests. |
| HTTP server | Processing http requests from the client and providing the responses from the server |
| Web browser | To connect to the web server, request the files and data that constitute the website and process the response to render the web pages to the user. |

# Change Management

Any change that may occur before or during the testing process has to be notified to all the stakeholders involved.

The stakeholders are

* Developer
* Project ower
* Bazaar Cermaics staff

Changes may include

* Change in testing schedule
* Change in the testing process
* Change in the scope of testing

Reasons for change may be

* Tools necessary for testing may be unavailable
* People necessary for testing may be unavailable
* Identification of outstanding non conformities that would make the continuation of the testing irrelevant.
* The client may want to expand or reduce the scope of the testing.
* Budget may be insufficient.

The method of communication adopted must be the most suitable to ensure that everyone involved is aware of the change. This may require different means of communication for each of the stakeholders, but as a rule of thumb, emails should be suffiient.

# Test run and feedback template

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Functional Area** | **Condition** | **Test Steps** | **Expected Results** | **Actual Results** | **Result** |
| **Visitor** | | | | | | |
| 01 | Navigation | Navigate to ‘about us’ page | * . Click ‘about us’ on the navbar | User redirected to ‘about us’ page |  |  |
| 02 | Navigation | Navigate to ‘contact us’ page | . Click ‘contact us’ on the navbar | User redirected to ‘contact us’ page |  |  |
| 03 | Navigation | Select category and browser products | . Click ‘categories’ on navbar  . Select one option from the dropdown menu | User redirected to products page populated with the products of the selected category |  |  |
| 04 | Navigation | Navigate to shopping cart | . Click the shopping cart icon on the navbar | User redirected to the ‘shopping cart’ page |  |  |
| 05 | Send message | Send message without completing the form | . Leave a blank field in the contact form in the ‘contact us’ page. | System prompts user to fill every field |  |  |
| 06 | Send message | Send message with wrong email pattern | . Fill every field in the form  . Fill the email field without using ‘@’ or ‘.’ characters | User promtped to enter a valid email |  |  |
| 07 | Send message | Complete form with correct details | . Fill contact form with correct data | User notified that message has been sent |  |  |
| 08 | View product details | Select product from products page | . Click ‘view details’ on a product in the ‘products’ page | User redirected to the ‘product-details’ page, populated with the selected product details. |  |  |
| 09 | Search product | Search product from search bar | . Enter product name in search bar  . Click search | User redirected to earch page, populated with the products matching the search |  |  |
| 10 | Add product to shopping cart | Unspecified product quantity field | . Leave ‘quantity’ field blank in ‘product-details’ page.  . Click ‘add to cart’ | 1 quantity of the selected product is added to cart |  |  |
| 11 | Add product to shopping cart | Negative quantity entered in the ‘quantity’ field | . Enter negative value in the quantity field  . Click’ add to cart’ | 1 quantity of the selected product is added to cart |  |  |
| 12 | Add product to shopping cart | Quantity entered in the ‘quantity’ field | . Enter a value higher than one in the ‘quantity’ field  . Click ‘add to cart’ | The quantity of product specified by the user, is added to the shopping cart |  |  |
| 13 | Add product to shopping cart | Product already in cart | . Select product already in cart from the catalogue  . Click ‘add to cart’ in the product details page | User is notified that the product is already in the shopping cart |  |  |
| 14 | Change quantity of product in cart | Enter negative amount | . Enter negative value in the ‘quantity’ box of the shopping cart  . Click outside of the ‘quantity’ box  . Refresh page | Quantity is resetted to 1 |  |  |
| 15 | Change quantity of product in cart | Enter 0 amount | . Enter ‘0’ in the ‘quantity’ box of the shopping cart  . Click outside of the ‘quantity’ box.  . Refresh page | Quantity is resetted to previous quantity |  |  |
| 16 | Change quantity of product in shopping cart | Enter no amount | . Delete any amount in the ‘quantity’ box in the shopping cart  . Click outside the ‘quantity’ box  . Refresh page | Quantity is resetted to previous quantity |  |  |
| 17 | Change quantity of product in shopping cart | Enter new positive amount | . Enter positive value different than previous one in the ‘quantity’ box  . Click outsde of the ‘quantity’ box  . Refresh page | New quantity is set in the shopping cart. |  |  |
| 18 | Remove product from cart | Remove the product in the shopping cart | . Click the delete button on the product’s row | The product is removed formm the shopping cart |  |  |
| 19 | Register | Form incomplete | . Click ‘sign-up’ on the navbar  . Leave at least a blank field  . Click ‘submit’ | The user is prompted to complete the form |  |  |
| 20 | Register | Email doesn’t contain ‘@’ or ‘.’ | . Fill every field in the form  . Fill email field without using ‘@’, or ‘.’ Characters  . Click ‘submit’ | User is prompted to enter valid email |  |  |
| 21 | Register | Password and Re-password don’t match | . Fill every field of the form  . Enter a re-password that doesn’t match the password  . Submit the form | User prompted to enter enter matching values |  |  |
| 22 | Register | Email already in database | . Fill every field in the form  . Enter an email that already exists in the database  . Submit form | User is notified that the email already exists in the database |  |  |
| 23 | Register | Complete form correctly | . Fill every field in the form with correct values  . Click ‘submit’ | New user with role ‘customer’ is added to the database.  User receive notification on screen that registration has been successful. |  |  |
| **Registered Customer** | | | | | | |
| 24 | Login | Wrong credentials | . Enter incorrect email  . Enter incorrect password  . Submit form | User is prompted to enter valid credentials |  |  |
| 25 | Login | Invalid user name | . Enter incorrect email  . Enter correct password  Submit form | User is prommtped to enter valid credentials |  |  |
| 26 | Login | Invalid password | . Enter valid email  . Enter invalid password  . Submit form | User is prompted to enter valid credentials |  |  |
| 27 | Login | Valid credentials | . Enter valid email  . Enter valid password  . Submit form | User is logged in to the system and is notified of the successful login.  ‘Sign up’ and ‘Sign in’ options in navbar are substituted with ‘Sign out’ |  |  |
| 28 | View Cart | Products in cart before login | . Login  . Click shopping cart icon | The products are added to the shopping cart. Any matching product will be increased by quantity. |  |  |
| 29 | View Cart | No products in cart before login | . Login  . Click shopping cart icon | User notified that shopping cart is empty |  |  |
| 30 | Add product to shopping cart | Unspecified product quantity field | . Leave ‘quantity’ field blank in ‘product-details’ page.  . Click ‘add to cart’ | 1 quantity of the selected product is added to cart |  |  |
| 31 | Add product to shopping cart | Negative quantity entered in the ‘quantity’ field | . Enter negative value in the quantity field  . Click’ add to cart’ | 1 quantity of the selected product is added to cart |  |  |
| 32 | Add product to shopping cart | 0 entered in the ‘quantity’ field | . Enter 0 in the ‘quantity’ field  . Click ‘add to cart’ | 1 quantity of the selected product is added to cart |  |  |
| 33 | Add product to shopping cart | Quantity entered in the ‘quantity’ field | . Enter a value higher than one in the ‘quantity’ field  . Click ‘add to cart’ | The quantity of product specified by the user, is added to the shopping cart |  |  |
| 34 | Checkout | Paypal | . Click Paypal button | Paypal login modal opens. |  |  |
| 35 | Checkout | Credit card | . Click credit card  . Fill form  . Click ‘pay now’ | Order is added to database and user is redirected to order-details page populated with the details of the order. |  |  |
| 36 | Logout | Logout while registered | . Click ‘logout’ on the navbar | User is logged out and redirected to home page.  ‘sign out’ in the navbar is substituted with ‘sign in’ and ‘sign up’ |  |  |
| **Admin** | | | | | | |
| 37 | Sign in | Sign in with admin credentials | . Enter admin email  . Enter admin password  . Submit form | User is logged in and redirected to the admin dashboard |  |  |
| 38 | View sales | User logged in as administrator | . Login with admin credentials | The system renders a graph with the sales numbers for the past week. |  |  |
| 39 | View customers | User logged in as administrator | . Login with admin credentials | The system populate the dashboard with a table containing the users registered in the system |  |  |
| 40 | Search customer | Admin search for specific customer | . Enter customer name in search bar | The customer table reduces to show only the customers that match the admin input |  |  |
| 41 | View products | User logged in as administrator | . Login with admin credentials | The system populate the dashboard with a table containing the products in the catalogue. |  |  |
| 42 | Search product | Admin search for specific product | . Enter product name in search bar | The products table reduces to show the products that match the admin input |  |  |
| 43 | Create customer | Open modal to enter new customer details | . Click ‘create’ in the ‘customers’ view | Modal with form to enter new customer details appear on screen |  |  |
| 44 | Create customer | Incomplete information | . Click ‘create’ in ‘customers’ view  . Leave fields blank  . Submit form | User is prompted to complete the form |  |  |
| 45 | Create customer | Email doesn’t contain ‘@’ or ’.’ characters | . Click ‘create’ in ‘customers’ view  . Fill form  . Fill email field without using ‘@’ or ‘.’ Characters  . Submit form | User is prompted to enter a valid email. |  |  |
| 46 | Create customer | Form completed correctly | . Click ‘create’ in ‘customers’ view  . Compelte form with valid details  . Submit form | User is notified of customer creation, new user is created in the database and it appears in the ‘cutomers’ table. |  |  |
| 47 | Delete cutomer | Delete customer from ‘customers’ table | . Click ‘delete’ in one row of the ‘customers’ view  . Confirm in the alert window | Customer is deleted from table and from database. |  |  |
| 48 | Create product | Open modal | . Click ‘create’ n the ‘products’ view | Modal with form to enter new produt details appears on screen. |  |  |
| 49 | Create product | Form not completed | . Click ‘create’ in the ‘products’ view  . Do not complete the form  . Submit the form | The user is prompted to complete the form. |  |  |
| 50 | Create product | Complete form | . Click ‘create’ in the ‘products’ view  . Complete the form  . Submit the form | User notfied of product creation, new product is added to the database and it appears in the ‘products’ table. |  |  |
| 51 | Update product | Open modal | . Click ‘update’ from one of the product in the ‘products’ table | Modal with update form appears on screen, populated with the selected item details |  |  |
| 52 | Update product | Incomplete form | . Click ‘update’ from one of the product in the ‘products’ table  . Delete the information from one of the fields  . Submit form | User is prompted to complete the form. |  |  |
| 53 | Update product | Completed form | . Click ‘update’ from one of the product in the ‘products’ table  . Modify the values in the form’s fields  . Click submit | The user is notified of the change and the product is updated in the database and in the ‘products’ table |  |  |
| 54 | Delete product | Delete product from the ‘products’ table | . Click delete on one row in the ‘products’ table  . Confirm in the alert window | The user is notified that the product has been deleted. The product is deleted from the database and from the ‘products’ table. |  |  |
| 55 | Logout | Admin logout | . Click ‘logout’ on the navbar | The user is logged out and redirected to the website’s home page. |  |  |

Expected Results for Visitor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Id: 1** | | | | |
|  | Arrow Right with solid fill | |  | |
| **Test Id: 2** | | | | |
|  | | Arrow Right with solid fill | |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 3 - Homeware** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 3 - Collection** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 4** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 5** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 6** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 7** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 8** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 9** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 10** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 11** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 12** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 13** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 14** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 15** | | |
|  | Arrow Right with solid fill |  |
|  |  |  |
| **Test Id: 16** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 17** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 18** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Id: 19** | | | | |
|  | Arrow Right with solid fill | | |  |
|  |  | | |  |
| **Test Id: 20** | | | | |
|  | | Arrow Right with solid fill |  | |

|  |  |  |
| --- | --- | --- |
| **Test Id: 21** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 22** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 23** | | |
|  | Arrow Right with solid fill |  |

Expected Results for Registered Customer

|  |  |  |
| --- | --- | --- |
| **Test Id: 24** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 25** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 26** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 27** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 28** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 29** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 30** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 31** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 32** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 33** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 34** | | |
|  | Arrow Right with solid fill |  |
|  |  |  |
|  |  |  |
| **Test Id: 35** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 36** | | |
|  | Arrow Right with solid fill |  |

Expected Results for Admin

|  |  |  |
| --- | --- | --- |
| **Test Id: 37** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 38** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 39** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 40** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 41** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 42** | | |
|  | Arrow Right with solid fill |  |

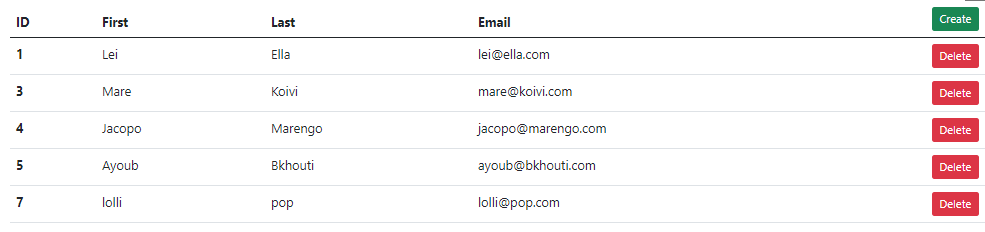
|  |  |  |
| --- | --- | --- |
| **Test Id: 43** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 44** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 45** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 46** | | |
|  | Arrow Right with solid fill |  |

|  |
| --- |
| **Test Id: 47** |
|  |
| Arrow Right with solid fill |
|  |



|  |  |  |
| --- | --- | --- |
| **Test Id: 48** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 49** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 50** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 51** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 52** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 53** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 54** | | |
|  | Arrow Right with solid fill |  |

|  |  |  |
| --- | --- | --- |
| **Test Id: 55** | | |
|  | Arrow Right with solid fill |  |

# Feedback

|  |  |  |
| --- | --- | --- |
| **Functionality** | **Test Result** | **Feedback** |
| **Visitor** | | |
| Navigation |  |  |
| Send Message |  |  |
| View product details |  |  |
| Search product |  |  |
| Add product to cart |  |  |
| Remove product from cart |  |  |
| Change quantity in cart |  |  |
| Register |  |  |
| **Registered Customer** | | |
| Login |  |  |
| View cart |  |  |
| Add product to cart |  |  |
| Remove product from cart |  |  |
| Checkout |  |  |
| Logout |  |  |
| **Admin** | | |
| Sign in |  |  |
| View sales |  |  |
| View customers |  |  |
| Search customers |  |  |
| View products |  |  |
| Search products |  |  |
| Create customer |  |  |
| Delete customer |  |  |
| Create product |  |  |
| Update product |  |  |
| Delete product |  |  |
| Logout |  |  |