Bloomify Flower

Design Document

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Declaration

I declare that the work contained in this thesis is my own, except where explicitly stated otherwise. In addition, this work has not been submitted to obtain another degree or professional qualification.

Signed: _____

Date: _____

Acknowledgments

We would like to express my special thanks of gratitude to our teacher Sir Zeeshan Ramzan as well as our Head of Department Dr. Shahzad who gave us the golden opportunity to do this wonderful project on the topic Blood Bank Management System, which also helped me in doing a lot of Research and we came to know about so many new things I am really thankful to them.

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Chapter 1

Functional vs. Non-functional Testing

The goal of utilizing numerous testing methodologies in your development process is to make sure your software can successfully operate in multiple environments and across different platforms. These can typically be broken down between functional and non-functional testing. Functional testing involves testing the application against the business requirements. It incorporates all test types designed to guarantee each part of a piece of software behaves as expected by using uses cases provided by the design team or business analyst. These testing methods are usually conducted in order and include:

- Unit testing
- Integration testing
- System testing

Non-functional testing methods incorporate all test types focused on the operational aspects of a piece of software. These include:

- Performance testing
- Security testing
- Usability testing
- Reliability Testing
- Scalability Testing
- Supportability Testing
- Compatibility testing

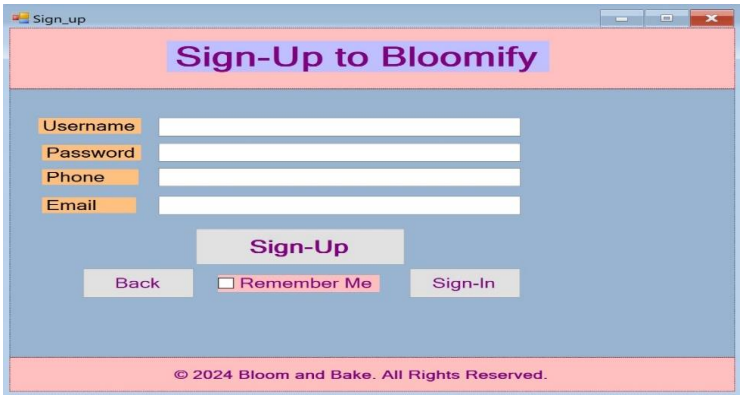
Chapter 2

Functional Testing

1.1 Unit Testing

Unit testing involves the testing of each unit or an individual component of the software application. It is the first level of functional testing. The aim behind unit testing is to validate unit components with its performance.

1.1.1 Sign-up Screen Testing



Username Field

Rules

1. Username must be correct.
2. Username must not be empty.

Table1.1: T1->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass

Password Field

Rules

1. Password must be correct.
2. Password must not be empty.

Table1.2: T2->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	12345	Should be accepted	Has been accepted	Pass
2	12345678	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
5	A 23456a	Should be accepted	Has been accepted	Pass
6	$12Ab12ab	Should be accepted	Has been accepted	Pass
7	empty password	Should not be accepted	Has not been accepted	Pass

Phone No. Field

Rules

1. Phone No. must be correct.
2. Phone No. must not be empty.
3. Phone No. must be of 11 digits.

Table1.3: T3->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	03001234567	Should be accepted	Has been accepted	Pass
2	+923001234567	Should be accepted	Has been accepted	Pass
3	+92-300-234567	Should be accepted	Has been accepted	Pass
3	+92 3001234567	Should be accepted	Has been accepted	Pass
5	02112345678	Should be accepted	Has been accepted	Pass
6	03001234	Should be accepted	Has been accepted	Pass
7	0300123456789	Should be accepted	Has been accepted	Pass
8	empty phone no.	Should not be accepted	Has not be accepted	Pass

Email Field

Rules

1. Email must be correct.
2. Email must not be empty.

Table1.4: T4->version v.0.1

Sr. No	Test data	Expected Result	Actual Result	Test Result
1	example@gmail.com	Should be accepted	Has been accepted	Pass
2	fatima12@gmail.com	Should be accepted	Has been accepted	Pass
3	@gmail.com	Should be accepted	Has been accepted	Pass
3	fatima@09gmail.com	Should be accepted	Has been accepted	Pass
5	fatima@09gmail.	Should be accepted	Has been accepted	Pass
6	fatima@gmail.pk	Should be accepted	Has been accepted	Pass
7	Empty email field	Should not be accepted	Has not been accepted	Pass

Sign-Up button

Rules

1. Button must be clicked.

Table1.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-up button	The button should open sign-up page.	The sign-up page has been opened.	Pass

Back button

Rules

1. Button must be clicked.

Table1.6: T6->version v.0.

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the back button	The button should move to previous page.	The user has been moved to previous page.	Pass

Remember Me

Rules

1. Button must be clicked.

Table1.7: T7->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the Remember me button.	Username and password should be saved.	Username and password have been saved	Pass

Sign-In

Rules

1. Button must be clicked.

Table1.8: T8->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign in button.	The button should open sign-in page.	The sign-in page has been opened.	Pass

1.1.2 Sign-In Screen Testing

Username Field

Rules

1. Username must be correct.
2. Username must not be empty.

Table2.1: T1->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass

Password Field

Rules

1. Password must be correct.
2. Password must not be empty.

Table2.2: T2->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	12345	Should be accepted	Has been accepted	Pass
2	12345678	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
5	A 23456a	Should be accepted	Has been accepted	Pass
6	$12Ab12ab	Should be accepted	Has been accepted	Pass
7	empty password	Should not be accepted	Has not been accepted	Pass

Remember Me

Rules

1. Checkbox must be ticked.

Table2.3: T3->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the Remember me button.	Checkbox should be ticked	Checkbox has been ticked	Pass

Forgot

Rules

1. Button must be clicked.

Table2.4: T4->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the forgot button.	Forgot functionality should trigger.	Forgot functionality has been triggered.	Pass

Sign-In button

Rules

1. Button must be clicked.

Table2.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-in button	The button should trigger sign-in functionality.	The sign-in functionality has been triggered.	Pass

Back button

Rules

1. Button must be clicked.

Table2.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the back button	The button should move to previous page.	The user has been moved to previous page.	Pass

Register button

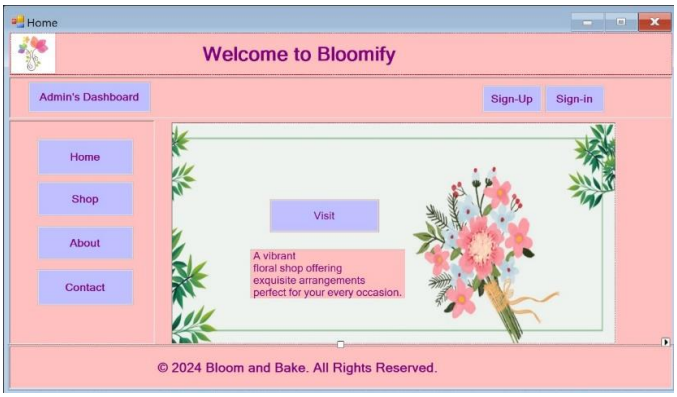
Rules

1. Button must be clicked.

Table2.7: T7->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the register button	The button should open sign-up page.	The sign-up page has been opened.	Pass

1.1.3 Home Page Screen Testing



Admin Dashboard Button

Rules

1. Button must be clicked.

Table3.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the admin dash board button	The button should open admin dashboard page.	The admin dashboard page has been opened.	Pass

Sign-Up Button

Rules

1. Button must be clicked.

Table3.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-up button	The button should open sign-up page.	The sign-up page has been opened.	Pass

Sign-In Button

Rules

1. Button must be clicked.

Table3.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-in button	The button should open sign-in page.	The sign-in page has been opened.	Pass

Home Button

Rules

1. Button must be clicked.

Table3.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the home button	The button should open home page.	The home page has been opened.	Pass

Shop Button

Rules

1. Button must be clicked.

Table3.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the shop button	The button should open shop page.	The shop page has been opened.	Pass

About Button

Rules

1. Button must be clicked.

Table3.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the about button	The button should display a message box.	Message box has been displayed.	Pass

Contact Button

Rules

1. Button must be clicked.

Table3.7: T7->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the contact button	The button should display a message box.	Message box has been displayed.	Pass

Visit Button

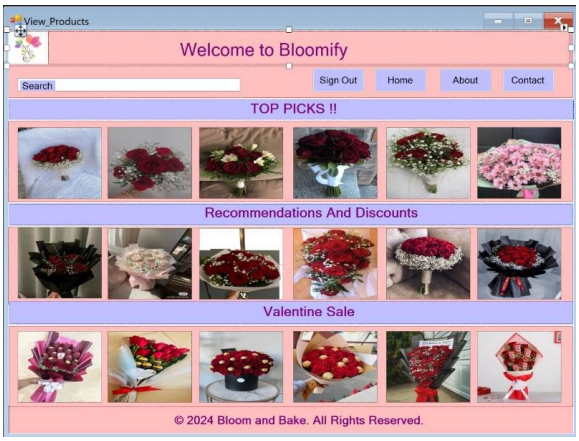
Rules

1. Button must be clicked.

Table3.8: T8->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the visit button	The button should open visit page.	The visit page has been opened.	Pass

1.1.4 View Product Screen Testing



Search Bar Not executed.

Rules

1. Button must be clicked.

Table4.1: T1->version v.0.1

Pics

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user click the picture.	The user should navigate to product details.	The user has been navigated to product details.	Pass

Sign-Out button

Rules

1. Button must be clicked.

Table4.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

Home Button

Rules

1. Button must be clicked.

Table4.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the home button	The button should open home page.	The home page has been opened.	Pass

About Button

Rules

1. Button must be clicked.

Table4.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the about button	The button should display a message box.	Message box has been displayed.	Pass

Contact Button

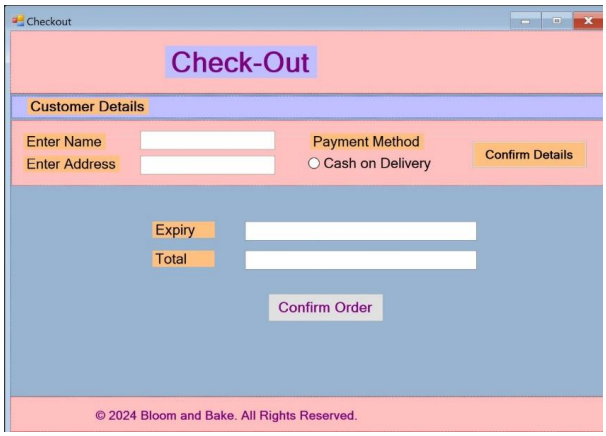
Rules

1. Button must be clicked.

Table4.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the contact button	The button should display a message box.	Message box has been displayed.	Pass

1.1.5 Checkout Screen Testing



Name Field

Rules

1. Name must be correct.
2. Name must not be empty.

Table5.1: T1->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass

Address Field

Rules

1. Address must be correct.
2. Address must not be empty.

Table5.2: T2->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	123 Main Street	Should be accepted	Has been accepted	Pass
2	456 Palm St., Apt 789	Should be accepted	Has been accepted	Pass
3	P.O. Box 123	Should be accepted	Has been accepted	Pass
4	221B Baker Street	Should be accepted	Has been accepted	Pass
5	1 Infinite Loop, Lahore, CA 95014	Should be accepted	Has been accepted	Pass
6	Flat 2B, Building 9, Sector 4, Islamabad	Should be accepted	Has been accepted	Pass
7	Khayaban-e-Sarwar, DgK,Pakistan	Should be accepted	Has been accepted	Pass
8	Iqbal Town 1-1, Lahore, Pakistan	Should be accepted	Has been accepted	Pass
10	Empty address	Should not be accepted	Has not been accepted	Pass

Cash on Delivery

Rules

1. Check box must be ticked.

Table5.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user tick the checkbox.	The button should allow cash on delivery.	The cash on delivery option has been allowed.	Pass

Confirm Details

Rules

1. Button must be clicked.

Table5.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user click the confirm details button.	The button should confirm delivery details.	The delivery details have been confirmed.	Pass

Confirm Order Button

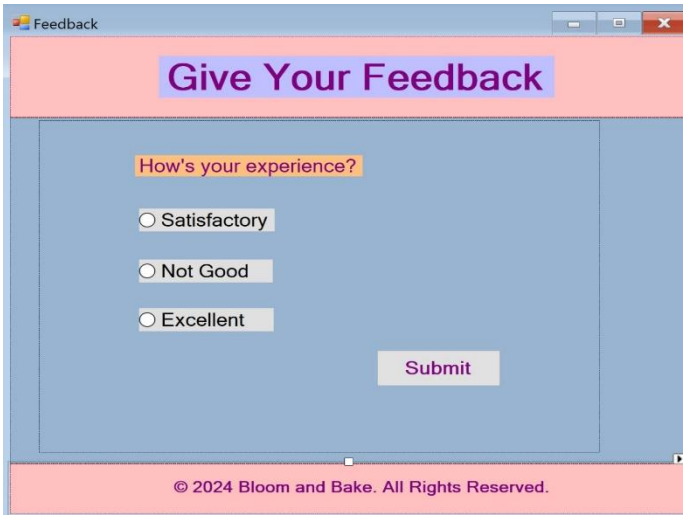
Rules

1. Button must be clicked.

Table5.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the confirm order button	The order should be confirmed.	The order has been confirmed..	Pass

1.1.6 Feedback Screen Testing



Feedback options

Rules

1. Any option must be selected.

Table6.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Satisfactory	The checkbox should be ticked.	The checkbox has been be ticked.	Pass
2	No option selected	The checkbox should not be ticked.	The checkbox has not been be ticked.	Pass

Feedback options

Rules

1. Any option must be selected.

Table6.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Not good	The checkbox should be ticked.	The checkbox has been be ticked.	Pass
2	No option selected	The checkbox should not be ticked.	The checkbox has not been be ticked.	Pass

Feedback options

Rules

1. Any option must be selected.

Table6.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Excellent	The checkbox should be ticked.	The checkbox has been be ticked.	Pass
2	No option selected	The checkbox should not be ticked.	The checkbox has not been be ticked.	Pass

Submit button

Rules

1. Button must be clicked.

Table6.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the submit button	The feedback should be submitted.	The feedback has been submitted.	Pass

1.1.7 Shopping Cart Screen Testing

Checkout button

Rules

1. Button must be clicked.

Table7.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the checkout button	Checkout page should open.	Checkout page has been opened.	Pass

1.1.8 Reset Password Screen Testing

New Password Field

Rules

1. Password must be correct.
2. Password must not be empty.

Table8.1: T1->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	12345	Should be accepted	Has been accepted	Pass
2	12345678	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
5	A 23456a	Should be accepted	Has been accepted	Pass
6	$12Ab12ab	Should be accepted	Has been accepted	Pass
7	empty password	Should not be accepted	Has not been accepted	Pass

Confirm Password Field

Rules

1. Password must be correct.
2. Password must not be empty.

Table8.2: T2->version v.0.1

Sr.No	Test case	Expected Result	Actual Result	Test Result
1	12345	Should be accepted	Has been accepted	Pass
2	12345678	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
5	A 23456a	Should be accepted	Has been accepted	Pass
6	$12Ab12ab	Should be accepted	Has been accepted	Pass
7	empty password	Should not be accepted	Has not been accepted	Pass

Save password button

Rules

1. Button must be clicked.

Table8.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the save password button	Password should be saved.	Password has been saved.	Pass

1.1.9 Recover Password Screen Testing

Email Field

Rules

1. Email must be correct.
2. Email must not be empty.

Table9.1: T1->version v.0.1

Sr. No	Test data	Expected Result	Actual Result	Test Result
1	example@gmail.com	Should be accepted	Has been accepted	Pass
2	fatima12@gmail.com	Should be accepted	Has been accepted	Pass
3	@gmail.com	Should be accepted	Has been accepted	Pass
3	fatima@09gmail.com	Should be accepted	Has been accepted	Pass
5	fatima@09gmail.	Should be accepted	Has been accepted	Pass
6	fatima@gmail.pk	Should be accepted	Has been accepted	Pass
7	Empty email field	Should not be accepted	Has not been accepted	Pass

Send Email button

Rules

1. Button must be clicked.

Table9.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the send email button	Recover password link should be sent.	Recover password link has been sent.	Pass

1.1.10 Product Details Screen Testing

Home Button

Rules

1. Button must be clicked.

Table10.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the home button	The button should open home page.	The home page has been opened.	Pass

About Button

Rules

1. Button must be clicked.

Table10.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the about button	The button should display a message box.	Message box has been displayed.	Pass

Contact Button

Rules

1. Button must be clicked.

Table10.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the contact button	The button should display a message box.	Message box has been displayed.	Pass

Quantity Button

Rules

1. Button must be clicked.

Table10.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	Press increase quantity button	Quantity of items should be increased.	Quantity of items has been increased..	Pass
3	Press decrease quantity button	Quantity of items should be decreased.	Quantity of items has been decreased..	Pass

Add to Cart Button

Rules

1. Button must be clicked.

Table10.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the add to cart button	The button should add the item/s to cart.	The item/s have been added to cart.	Pass

View Cart Button

Rules

1. Button must be clicked.

Table10.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the view cart button	The button should open view cart page.	The view cart page has been opened.	Pass

1.1.11 Profile Management Screen Testing

Name Field

Rules

1. Name must be correct.
2. Name must not be empty.

Table11.1: T1->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass

Password Field

Rules

1. Password must be correct.
2. Password must not be empty.

Table11.2: T2->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	12345	Should be accepted	Has been accepted	Pass
2	12345678	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
5	A 23456a	Should be accepted	Has been accepted	Pass
6	$12Ab12ab	Should be accepted	Has been accepted	Pass
7	empty password	Should not be accepted	Has not been accepted	Pass

Email Field

Rules

1. Email must be correct.
2. Email must not be empty.

Table11.3: T3->version v.0.1

Sr. No	Test data	Expected Result	Actual Result	Test Result
1	example@gmail.com	Should be accepted	Has been accepted	Pass
2	fatima12@gmail.com	Should be accepted	Has been accepted	Pass
3	@gmail.com	Should be accepted	Has been accepted	Pass
3	fatima@09gmail.com	Should be accepted	Has been accepted	Pass
5	fatima@09gmail.	Should be accepted	Has been accepted	Pass
6	fatima@gmail.pk	Should be accepted	Has been accepted	Pass
7	Empty email field	Should not be accepted	Has not been accepted	Pass

Phone No. Field

Rules

1. Phone No. must be correct.
2. Phone No. must not be empty.
3. Phone No. must be of 11 digits.

Table11.4: T4->version v.0.1

Sr.No	Test data	Expected Result	Actual Result	Test Result
1	03001234567	Should be accepted	Has been accepted	Pass
2	+923001234567	Should be accepted	Has been accepted	Pass
3	+92-300-234567	Should be accepted	Has been accepted	Pass
3	+92 3001234567	Should be accepted	Has been accepted	Pass
5	02112345678	Should be accepted	Has been accepted	Pass
6	03001234	Should be accepted	Has been accepted	Pass
7	0300123456789	Should be accepted	Has been accepted	Pass
8	empty phone no.	Should not be accepted	Has not be accepted	Pass

Cancel Button

Rules

1. Button must be clicked.

Table11.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the cancel button	Details should not be saved.	Details have not been saved.	Pass

Save Button

Rules

1. Button must be clicked.

Table11.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the save button	Details should be saved.	Details have been saved.	Pass

1.1.12. Admin Dashboard Screen Testing

User Management Button

Rules

1. Button must be clicked.

Table12.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be popped up.	User management page has been popped up.	Pass

Product Management Button

Rules

1. Button must be clicked.

Table12.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the product management button	Product management menu should be popped up.	Product management menu has been popped up.	Pass

Order Management Button

Rules

1. Button must be clicked.

Table12.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the order management button	Order management menu should be popped up.	Order management menu has been popped up.	Pass

Inventory Management Button

Rules

1. Button must be clicked.

Table12.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the inventory management button	Inventory management menu should be popped up.	Inventory management menu has been popped up.	Pass

View User Button

Rules

1. Button must be clicked.

Table12.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the view user button	View user page should be opened.	View user page has been opened.	Pass

Add Product Button

Rules

1. Button must be clicked.

Table12.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the add product button	Add product page should be opened.	Add product page has been opened.	Pass

View Product Button

Rules

1. Button must be clicked.

Table12.7: T7->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the view product button	View product page should be opened.	View product page has been opened.	Pass

Edit Product Button

Rules

1. Button must be clicked.

Table12.8: T8->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the edit product button	Edit product page should be opened.	Edit product page has been opened.	Pass

Pending Orders Button

Rules

1. Button must be clicked.

Table12.9: T9->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the pending orders button	Pending orders page should be opened.	Pending orders page has been opened.	Pass

Dispatched Orders Button

Rules

1. Button must be clicked.

Table12.10: T10->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the dispatched orders button	Dispatched orders page should be opened.	Dispatched orders page has been opened.	Pass

Update Stocks Button

Rules

1. Button must be clicked.

Table12.11: T11->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the update stocks button	Update stocks page should be opened.	Update stocks page has been opened.	Pass

1.1.13 User Management Screen Testing

User Management Button

Rules

1. Button must be clicked.

Table13.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be opened.	User management page has been opened.	Pass

Product Management Button

Rules

1. Button must be clicked.

Table13.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the product management button	Product management page should be opened.	Product management page has been opened.	Pass

Order Management Button

Rules

1. Button must be clicked.

Table13.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the order management button	Order management page should be opened.	Order management page has been opened.	Pass

Inventory Management Button

Rules

1. Button must be clicked.

Table13.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the inventory management button	Inventory management page should be opened.	Inventory management page has been opened.	Pass

View User Button

Rules

1. Button must be clicked.

Table13.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the view user button	View user page should be opened.	View user page has been opened.	Pass

Sign-Out button

Rules

1. Button must be clicked.

Table13.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.1.14 Product Management Screen Testing

User Management Button

Rules

1. Button must be clicked.

Table14.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be opened.	User management page has been opened.	Pass

Product Management Button

Rules

1. Button must be clicked.

Table14.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the product management button	Product management page should be opened.	Product management page has been opened.	Pass

Order Management Button

Rules

1. Button must be clicked.

Table14.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the order management button	Order management page should be opened.	Order management page has been opened.	Pass

Inventory Management Button

Rules

1. Button must be clicked.

Table14.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the inventory management button	Inventory management page should be opened.	Inventory management page has been opened.	Pass

Add Product Button

Rules

1. Button must be clicked.

Table14.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the add product button	Add product page should be opened.	Add product page has been opened.	Pass

View Product Button

Rules

1. Button must be clicked.

Table14.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the view product button	View product page should be opened.	View product page has been opened.	Pass

Edit Product Button

Rules

1. Button must be clicked.

Table14.7: T7->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the edit product button	Edit product page should be opened.	Edit product page has been opened.	Pass

Sign-Out button

Rules

1. Button must be clicked.

Table14.8: T8->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.1.15 Order Management Screen Testing

User Management Button

Rules

1. Button must be clicked.

Table15.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be opened.	User management page has been opened.	Pass

Product Management Button

Rules

1. Button must be clicked.

Table15.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the product management button	Product management page should be opened.	Product management page has been opened.	Pass

Order Management Button

Rules

1. Button must be clicked.

Table15.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the order management button	Order management page should be opened.	Order management page has been opened.	Pass

Inventory Management Button

Rules

1. Button must be clicked.

Table15.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the inventory management button	Inventory management page should be opened.	Inventory management page has been opened.	Pass

Pending Orders Button

Rules

1. Button must be clicked.

Table15.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the pending orders button	Pending orders page should be opened.	Pending orders page has been opened.	Pass

Dispatched Orders Button

Rules

1. Button must be clicked.

Table15.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the dispatched orders button	Dispatched orders page should be opened.	Dispatched orders page has been opened.	Pass

Sign-Out button

Rules

1. Button must be clicked.

Table15.7: T7->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.1.16 Inventory Management Screen Testing

User Management Button

Rules

1. Button must be clicked.

Table16.1: T1->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be opened.	User management page has been opened.	Pass

Product Management Button

Rules

1. Button must be clicked.

Table16.2: T2->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the product management button	Product management page should be opened.	Product management page has been opened.	Pass

Order Management Button

Rules

1. Button must be clicked.

Table16.3: T3->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the order management button	Order management page should be opened.	Order management page has been opened.	Pass

Inventory Management Button

Rules

1. Button must be clicked.

Table16.4: T4->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the inventory management button	Inventory management page should be opened.	Inventory management page has been opened.	Pass

Update Stocks Button

Rules

1. Button must be clicked.

Table16.5: T5->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the update stocks button	Update stocks page should be opened.	Update stocks page has been opened.	Pass

Sign-Out button

Rules

1. Button must be clicked.

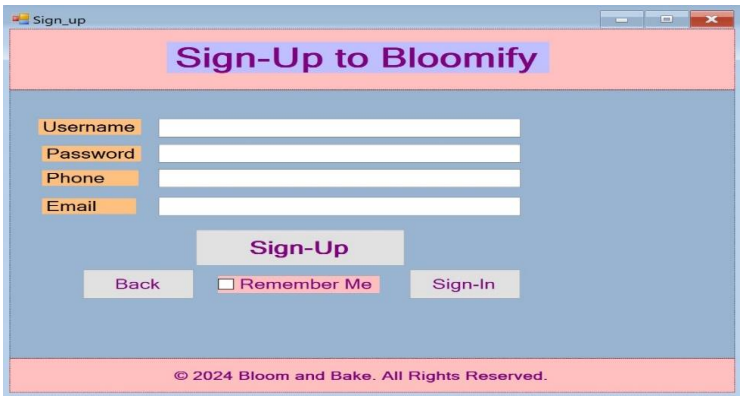
Table16.6: T6->version v.0.1

Sr.No	Test Data	Expected Result	Actual Result	**Test Result**
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.2 Integration Testing

After each unit is thoroughly tested, it is integrated with other units to create modules or components that are designed to perform specific tasks or activities. These are then tested as group through integration testing to ensure whole segments of an application behave as expected (i.e., the interactions between units are seamless). These tests are often framed by user scenarios, such as logging into an application or opening les. Integrated tests can be conducted by either developers or independent testers and are usually comprised of a combination of automated functional and manual tests.

1.2.1 Sign-up Screen Testing



Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass
7	12345	Should be accepted	Has been accepted	Pass
8	12345678	Should be accepted	Has been accepted	Pass
9	1234567a	Should be accepted	Has been accepted	Pass
10	1234567a	Should be accepted	Has been accepted	Pass
11	A 23456a	Should be accepted	Has been accepted	Pass
12	$12Ab12ab	Should be accepted	Has been accepted	Pass
13	empty password	Should not be accepted	Has not been accepted	Pass

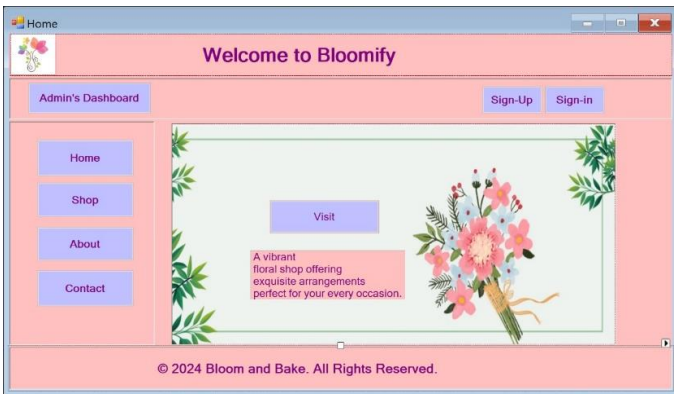
14	03001234567	Should be accepted	Has been accepted	Pass
15	+923001234567	Should be accepted	Has been accepted	Pass
16	+92-300-234567	Should be accepted	Has been accepted	Pass
17	+92 3001234567	Should be accepted	Has been accepted	Pass
18	02112345678	Should be accepted	Has been accepted	Pass
19	03001234	Should be accepted	Has been accepted	Pass
20	0300123456789	Should be accepted	Has been accepted	Pass
21	empty phone no.	Should not be accepted	Has not be accepted	Pass
22	example@gmail.com	Should be accepted	Has been accepted	Pass
23	fatima12@gmail.com	Should be accepted	Has been accepted	Pass
24	@gmail.com	Should be accepted	Has been accepted	Pass
25	fatima@09gmail.com	Should be accepted	Has been accepted	Pass
26	fatima@09gmail.	Should be accepted	Has been accepted	Pass
27	fatima@gmail.pk	Should be accepted	Has been accepted	Pass
28	Empty email field	Should not be accepted	Has not been accepted	Pass
29	Button clicked	Successfully clickable	Successfully clicked.	Pass
30	If the user press the sign-up button	The button should open sign-up page.	The sign-up page has been opened.	Pass
31	Button clicked	Successfully clickable	Successfully clicked.	Pass
32	If the user press the back button	The button should move to previous page.	The user has been moved to previous page.	Pass
33	Button clicked	Successfully clickable	Successfully clicked.	Pass
34	If the user press the Remember me button.	Username and password should be saved.	Username and password have been saved	Pass
35	Button clicked	Successfully clickable	Successfully clicked.	Pass
36	If the user press the sign in button.	The button should open sign-in page.	The sign-in page has been opened.	Pass

1.2.2 Sign-In Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass
7	12345	Should be accepted	Has been accepted	Pass
8	12345678	Should be accepted	Has been accepted	Pass
9	1234567a	Should be accepted	Has been accepted	Pass
10	1234567a	Should be accepted	Has been accepted	Pass
11	A 23456a	Should be accepted	Has been accepted	Pass
12	$12Ab12ab	Should be accepted	Has been accepted	Pass
13	empty password	Should not be accepted	Has not been accepted	Pass
14	Button clicked	Successfully clickable	Successfully clicked.	Pass
15	If the user press the Remember me button.	Checkbox should be ticked	Checkbox has been ticked	Pass
16	Button clicked	Successfully clickable	Successfully clicked.	Pass
17	If the user press the forgot button.	Forgot functionality should trigger.	Forgot functionality has been triggered.	Pass
18	Button clicked	Successfully clickable	Successfully clicked.	Pass
19	If the user press the sign-in button	The button should trigger sign-in functionality.	The sign-in functionality has been triggered.	Pass

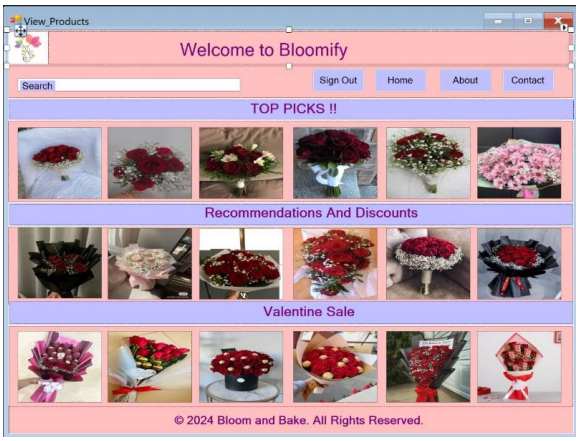
20	Button clicked	Successfully clickable	Successfully clicked.	Pass
21	If the user press the back button	The button should move to previous page.	The user has been moved to previous page.	Pass
22	Button clicked	Successfully clickable	Successfully clicked.	Pass
23	If the user press the register button	The button should open sign-up page.	The sign-up page has been opened.	Pass

1.2.3 Home Page Screen Testing



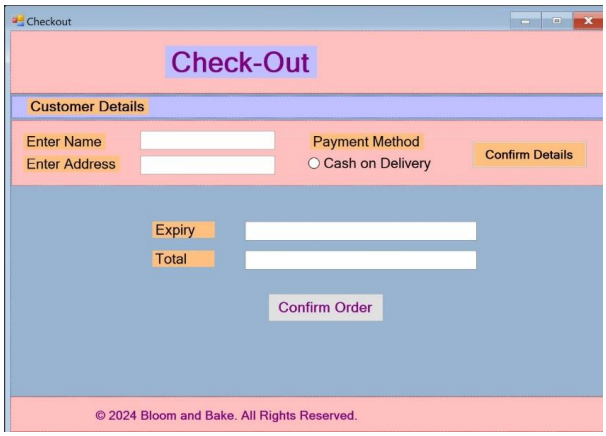
Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the admin dash board button	The button should open admin dashboard page.	The admin dashboard page has been opened.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the sign-up button	The button should open sign-up page.	The sign-up page has been opened.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the sign-in button	The button should open sign-in page.	The sign-in page has been opened.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the home button	The button should open home page.	The home page has been opened.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the shop button	The button should open shop page.	The shop page has been opened.	Pass
11	Button clicked	Successfully clickable	Successfully clicked.	Pass
12	If the user press the about button	The button should display a message box.	Message box has been displayed.	Pass
13	Button clicked	Successfully clickable	Successfully clicked.	Pass
14	If the user press the contact button	The button should display a message box.	Message box has been displayed.	Pass
15	Button clicked	Successfully clickable	Successfully clicked.	Pass
16	If the user press the visit button	The button should open visit page.	The visit page has been opened.	Pass

1.2.4 View Product Screen Testing



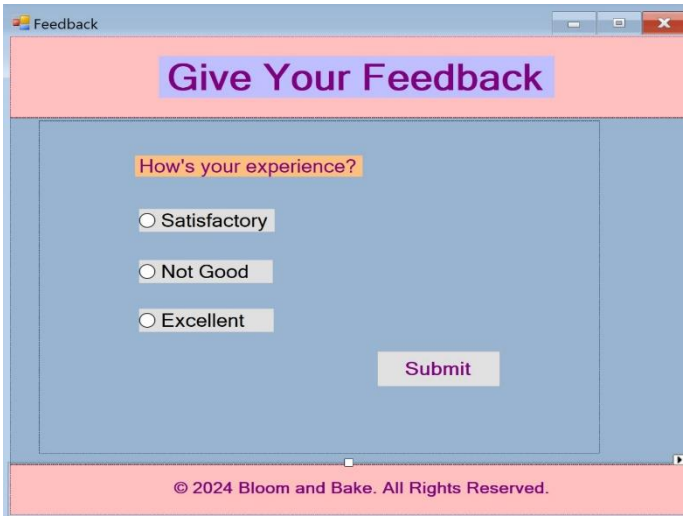
Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user click the picture.	The user should navigate to product details.	The user has been navigated to product details.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the home button	The button should open home page.	The home page has been opened.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the about button	The button should display a message box.	Message box has been displayed.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the contact button	The button should display a message box.	Message box has been displayed.	Pass

1.2.5 Checkout Screen Testing



Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass
7	123 Main Street	Should be accepted	Has been accepted	Pass
8	456 Palm St., Apt 789	Should be accepted	Has been accepted	Pass
9	P.O. Box 123	Should be accepted	Has been accepted	Pass
10	221B Baker Street	Should be accepted	Has been accepted	Pass
11	1 Infinite Loop, Lahore, CA 95014	Should be accepted	Has been accepted	Pass
12	Flat 2B, Building 9, Sector 4, Islamabad	Should be accepted	Has been accepted	Pass
13	Khayaban-e-Sarwar, DgK,Pakistan	Should be accepted	Has been accepted	Pass
14	Iqbal Town 1-1, Lahore, Pakistan	Should be accepted	Has been accepted	Pass
15	Empty address	Should not be accepted	Has not been accepted	Pass
16	Button clicked	Successfully clickable	Successfully clicked.	Pass
17	If the user tick the checkbox.	The button should allow cash on delivery.	The cash on delivery option has been allowed.	Pass
18	Button clicked	Successfully clickable	Successfully clicked.	Pass
19	If the user click the confirm details button.	The button should confirm delivery details.	The delivery details have been confirmed.	Pass
20	Button clicked	Successfully clickable	Successfully clicked.	Pass
21	If the user press the confirm order button	The order should be confirmed.	The order has been confirmed.	Pass

1.2.6 Feedback Screen Testing



Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Satisfactory	The checkbox should be ticked.	The checkbox has been be ticked.	Pass
2	No option selected	The checkbox should not be ticked.	The checkbox has not been be ticked.	Pass
3	Not good	The checkbox should be ticked.	The checkbox has been be ticked.	Pass
4	No option selected	The checkbox should not be ticked.	The checkbox has not been be ticked.	Pass
5	Excellent	The checkbox should be ticked.	The checkbox has been be ticked.	Pass
6	No option selected	The checkbox should not be ticked.	The checkbox has not been be ticked.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the submit button	The feedback should be submitted.	The feedback has been submitted.	Pass

1.2.7 Shopping Cart Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the checkout button	Checkout page should open.	Checkout page has been opened.	Pass

1.2.8 Reset Password Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	12345	Should be accepted	Has been accepted	Pass
2	12345678	Should be accepted	Has been accepted	Pass
3	1234567a	Should be accepted	Has been accepted	Pass
4	1234567a	Should be accepted	Has been accepted	Pass
5	A 23456a	Should be accepted	Has been accepted	Pass
6	$12Ab12ab	Should be accepted	Has been accepted	Pass
7	empty password	Should not be accepted	Has not been accepted	Pass
8	12345	Should be accepted	Has been accepted	Pass

9	12345678	Should be accepted	Has been accepted	Pass
10	1234567a	Should be accepted	Has been accepted	Pass
11	1234567a	Should be accepted	Has been accepted	Pass
12	A 23456a	Should be accepted	Has been accepted	Pass
13	$12Ab12ab	Should be accepted	Has been accepted	Pass
14	empty password	Should not be accepted	Has not been accepted	Pass
15	Button clicked	Successfully clickable	Successfully clicked.	Pass
16	If the user press the save password button	Password should be saved.	Password has been saved.	Pass

1.2.9 Recover Password Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	example@gmail.com	Should be accepted	Has been accepted	Pass
2	fatima12@gmail.com	Should be accepted	Has been accepted	Pass
3	@gmail.com	Should be accepted	Has been accepted	Pass
4	fatima@09gmail.com	Should be accepted	Has been accepted	Pass
5	fatima@09gmail.	Should be accepted	Has been accepted	Pass
6	fatima@gmail.pk	Should be accepted	Has been accepted	Pass
7	Empty email field	Should not be accepted	Has not been accepted	Pass
8	Button clicked	Successfully clickable	Successfully clicked.	Pass
9	If the user press the send email button	Recover password link should be sent.	Recover password link has been sent.	Pass

1.2.10 Product Details Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the home button	The button should open home page.	The home page has been opened.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the about button	The button should display a message box.	Message box has been displayed.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the contact button	The button should display a message box.	Message box has been displayed.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	Press increase quantity button	Quantity of items should be increased.	Quantity of items has been increased..	Pass
9	Press decrease quantity button	Quantity of items should be decreased.	Quantity of items has been decreased..	Pass
10	Button clicked	Successfully clickable	Successfully clicked.	Pass
11	If the user press the add to cart button	The button should add the item/s to cart.	The item/s have been added to cart.	Pass
12	Button clicked	Successfully clickable	Successfully clicked.	Pass
13	If the user press the view cart button	The button should open view cart page.	The view cart page has been opened.	Pass

1.2.11 Profile Management Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	fatima123	Should be accepted	Has been accepted	Pass
2	fatima.032	Should be accepted	Has been accepted	Pass
3	fatima	Should be accepted	Has been accepted	Pass
4	123	Should be accepted	Has been accepted	Pass
5	fatima-123	Should be accepted	Has been accepted	Pass
6	empty name	Should not be accepted	Has not been accepted	Pass
7	12345	Should be accepted	Has been accepted	Pass
8	12345678	Should be accepted	Has been accepted	Pass
9	1234567a	Should be accepted	Has been accepted	Pass
10	1234567a	Should be accepted	Has been accepted	Pass
11	A 23456a	Should be accepted	Has been accepted	Pass
12	$12Ab12ab	Should be accepted	Has been accepted	Pass
13	empty password	Should not be accepted	Has not been accepted	Pass
14	example@gmail.com	Should be accepted	Has been accepted	Pass
15	fatima12@gmail.com	Should be accepted	Has been accepted	Pass
16	@gmail.com	Should be accepted	Has been accepted	Pass
17	fatima@09gmail.com	Should be accepted	Has been accepted	Pass
18	fatima@09gmail.	Should be accepted	Has been accepted	Pass
19	fatima@gmail.pk	Should be accepted	Has been accepted	Pass
20	Empty email field	Should not be accepted	Has not been accepted	Pass
21	03001234567	Should be accepted	Has been accepted	Pass
22	+923001234567	Should be accepted	Has been accepted	Pass
23	+92-300-234567	Should be accepted	Has been accepted	Pass
24	+92 3001234567	Should be accepted	Has been accepted	Pass
25	02112345678	Should be accepted	Has been accepted	Pass
26	03001234	Should be accepted	Has been accepted	Pass

27	0300123456789	Should be accepted	Has been accepted	Pass
28	empty phone no.	Should not be accepted	Has not be accepted	Pass
29	Button clicked	Successfully clickable	Successfully clicked.	Pass
30	If the user press the cancel button	Details should not be saved.	Details have not been saved.	Pass
31	Button clicked	Successfully clickable	Successfully clicked.	Pass
32	If the user press the save button	Details should be saved.	Details have been saved.	Pass

1.2.12 Admin Dashboard Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be popped up.	User management page has been popped up.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the product management button	Product management menu should be popped up.	Product management menu has been popped up.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the order management button	Order management menu should be popped up.	Order management menu has been popped up.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the inventory management button	Inventory management menu should be popped up.	Inventory management menu has been popped up.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the view user button	View user page should be opened.	View user page has been opened.	Pass
11	Button clicked	Successfully clickable	Successfully clicked.	Pass
12	If the user press the add product button	Add product page should be opened.	Add product page has been opened.	Pass
13	Button clicked	Successfully clickable	Successfully clicked.	Pass
14	If the user press the view product button	View product page should be opened.	View product page has been opened.	Pass

15	Button clicked	Successfully clickable	Successfully clicked.	Pass
16	If the user press the edit product button	Edit product page should be opened.	Edit product page has been opened.	Pass
17	Button clicked	Successfully clickable	Successfully clicked.	Pass
18	If the user press the pending orders button	Pending orders page should be opened.	Pending orders page has been opened.	Pass
19	Button clicked	Successfully clickable	Successfully clicked.	Pass
20	If the user press the dispatched orders button	Dispatched orders page should be opened.	Dispatched orders page has been opened.	Pass
21	Button clicked	Successfully clickable	Successfully clicked.	Pass
22	If the user press the update stocks button	Update stocks page should be opened.	Update stocks page has been opened.	Pass

1.2.13 User Management Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be popped up.	User management page has been popped up.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the product management button	Product management menu should be popped up.	Product management menu has been popped up.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the order management button	Order management menu should be popped up.	Order management menu has been popped up.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the inventory management button	Inventory management menu should be popped up.	Inventory management menu has been popped up.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the view	View user page should be	View user page has been	Pass

	user button	opened.	opened.	
11	Button clicked	Successfully clickable	Successfully clicked.	Pass
12	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.2.14 Product Management Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be popped up.	User management page has been popped up.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the product management button	Product management menu should be popped up.	Product management menu has been popped up.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the order management button	Order management menu should be popped up.	Order management menu has been popped up.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the inventory management button	Inventory management menu should be popped up.	Inventory management menu has been popped up.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the add product button	Add product page should be opened.	Add product page has been opened.	Pass
11	Button clicked	Successfully clickable	Successfully clicked.	Pass
12	If the user press the view product button	View product page should be opened.	View product page has been opened.	Pass
13	Button clicked	Successfully clickable	Successfully clicked.	Pass
14	If the user press the edit product button	Edit product page should be opened.	Edit product page has been opened.	Pass

15	Button clicked	Successfully clickable	Successfully clicked.	Pass
16	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.2.15 Order Management Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be popped up.	User management page has been popped up.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the product management button	Product management menu should be popped up.	Product management menu has been popped up.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the order management button	Order management menu should be popped up.	Order management menu has been popped up.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the inventory management button	Inventory management menu should be popped up.	Inventory management menu has been popped up.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the pending orders button	Pending orders page should be opened.	Pending orders page has been opened.	Pass
11	Button clicked	Successfully clickable	Successfully clicked.	Pass
12	If the user press the	Dispatched orders page	Dispatched orders page has been	Pass

	dispatched orders button	should be opened.	opened.	
13	Button clicked	Successfully clickable	Successfully clicked.	Pass
14	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.2.16 Inventory Management Screen Testing

Sr.No	Test Data	Expected Result	Actual Result	Test Result
1	Button clicked	Successfully clickable	Successfully clicked.	Pass
2	If the user press the user management button	User management page should be popped up.	User management page has been popped up.	Pass
3	Button clicked	Successfully clickable	Successfully clicked.	Pass
4	If the user press the product management button	Product management menu should be popped up.	Product management menu has been popped up.	Pass
5	Button clicked	Successfully clickable	Successfully clicked.	Pass
6	If the user press the order management button	Order management menu should be popped up.	Order management menu has been popped up.	Pass
7	Button clicked	Successfully clickable	Successfully clicked.	Pass
8	If the user press the inventory management button	Inventory management menu should be popped up.	Inventory management menu has been popped up.	Pass
9	Button clicked	Successfully clickable	Successfully clicked.	Pass
10	If the user press the update stocks button	Update stocks page should be opened.	Update stocks page has been opened.	Pass
11	Button clicked	Successfully clickable	Successfully clicked.	Pass
12	If the user press the sign-out button	The button should open sign-out page.	The sign-out page has been opened.	Pass

1.3 System Testing

System testing is a black box testing method used to evaluate the completed and integrated system, as a whole, to ensure it meets specified requirements. The functionality of the software is tested from end-to-end.

1.3.1 Sign-In/Sign-Up

Test Case ID	ID-001	**Test Case Description**	Test the Sign-In and Sign-Up Functionality of floral shop		
Created By	Zainab	**Reviewed By**	Samar	**Version**	2.1

QA Tester's Log	Review comments from Samar incorporate in version 2.1

Tester's Name	Zainab	**Date Tested**	22-Dec-2024	**Test Case (Pass/Fail/Not Executed)**	Pass

S #	Prerequisites:
1	Access to Shop App
2	Able to interact with system

S #	Test Data
1	User id = mg12345
2	Pass = df12@434c

Test Scenario	Verify on entering valid user id and password, the customer can sign-in and sign-up.

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Enter valid details and clicks on sign-in button	User must be signed in and redirected to caller form.	As Expected	Pass
2	Clicks sign-up button	User jumps to sign-up page.	As Expected	Pass
3	User clicks forget password and enters its email to recover password	User jumped to recover password form entered email successfully	As Expected	Pass
4	User clicks reset password	User's password reset successfully and user is redirected back to sign-in page	As Expected	Pass
5	User clicks sign out button	User is redirected to sign in form	As Expected	Pass

1.3.2 Sign-In/Sign-Up

Test Case ID	ID-002	**Test Case Description**	Test the Order Placing Functionality of floral shop		
Created By	Zainab	**Reviewed By**	Samar	**Version**	2.1

QA Tester's Log	Review comments from Samar incorporate in version 2.1

Tester's Name	Zainab	**Date Tested**	22-Dec-2024	**Test Case (Pass/Fail/Not Executed)**	Pass

S #	Prerequisites:
1	Access to Shop App
2	Able to interact with system
3	

S #	Test Data
1	Name = Ali
2	Address= 123 Main Street
3	Quantity= 4

Test Scenario	Testing the process of ordering placing

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	User clicks shop or visit button.	Shop or visit button is clicked. Shop or visit page is opened	As Expected	Pass
2	User selects product, selects valid quantity, clicks add to cart.	Product is selected and its quantity is selected. User clicked add to cart button. Items are added to the cart.	As Expected	Pass
3	User clicks view cart button and verifies the product and clicks checkout button.	Cart is viewed. Product is verified and checkout button is clicked. Checkout page is opened.	As Expected	Pass
4	User enters the checkout details, ticks the checkbox and clicks confirm button	Details and checkbox entered successfully and order is confirmed. Message is displayed that order placed successfully and expiry date and total are displayed.	As Expected	Pass
5	User views cart button should be clicked successfully, items verified, checkout button should	Cart is viewed successfully. Items are verified. Checkout button is clicked	As Expected	Pass

	be clicked successfully and user should be navigated to sign-in page.	successfully. User is navigated to sign-in page.		
6	User should sign in successfully and confirm button should be clicked, user should be navigated to feedback form.	User is signed-in and confirm button is clicked. Feedback form is opened.	As Expected	Pass
7	User ticks the options on feedback page.	Feedback is submitted and User is navigated to product page.	As Expected	Pass

1.3.3 Admin Functionality

Test Case ID	ID-003	**Test Case Description**	Test the admin functionality of flower shop.		
Created By	Zainab	**Reviewed By**	Samar	**Version**	2.1

QA Tester's Log	Review comments from Samar incorporate in version 2.1

Tester's Name	Zainab	**Date Tested**	22-Dec-2024	**Test Case (Pass/Fail/Not Executed)**	Pass

S #	Prerequisites:
1	Access to Shop App
2	Able to interact with system

S #	Test Data
1	Admin id = admin
2	Pass = admin123

Test Scenario	Admin panel management features testing after admin is logged in.

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Admin clicks the admin dashboard button.	Admin dashboard is opened.	As Expected	Pass
2	Admin clicks the user management button.	User management page is popped up.	As Expected	Pass
3	Admin can click view user button.	View user button can be clicked.	As Expected	Pass
4	Admin clicks the order management button.	Order management page is popped up.	As Expected	Pass
5	Admin can click options like view pending and dispatched orders and dispatch pending orders.	Options like view pending and dispatched orders and dispatch pending orders can be selected.	As Expected	Pass
6	Admin clicks the product management button.	Product management page is popped up.	As Expected	Pass
7	Admin can click options like add, view update or delete product.	Options like add, view update or delete product can be clicked.	As Expected	Pass
8	Admin clicks the inventory management button.	Inventory management page is popped up.	As Expected	Pass

9	Admin can select option edit stock levels.	Options like edit stock levels can be selected.	As Expected	Pass
10	Admin clicks the sign out button.	Admin is signed out of shop.	As Expected	Pass