



American International University-Bangladesh (AIUB)

Department of Computer Science

Faculty of Science & Technology (FST)

Summer 21 22

Section: C

Software Quality Assurance and Testing

E-COMMERCE WEBSITE

A Report submitted

By

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Software Test Plan

for

E-COMMERCE SYSTEM

Version 1.0 approved

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Revision History

Revision	Date	Updated by	Update Comments
0.1	2022.08.16	Tanha Reja	First Draft
0.2	2022.08.17	Sholaiman Khan Shitol	Second Draft
0.3	2022.08.18	Talha Zubaer	Third Draft
0.4	2022.08.19	Rejwana Shikder	Fourth Draft
0.5	2022.08.20	Tanha Reja	Final Draft

1. TEST PLAN IDENTIFIER:RS-MTP01.3

2. REFERENCES

- Software Quality and Testing Course PowerPoint Slide
- Selenium IDE: <https://www.selenium.dev/selenium-ide/>
- For writing Test Case: <https://www.geeksforgeeks.org/software-testing-test-case>
- Types of Testing: https://www.selenium.dev/documentation/test_practices/testing_types/

3. INTRODUCTION

Background to the Problem

- Our E-Commerce System environment is mainly a web base platform in the business section using technology. The aspects of this system are using digital tools to make the work easier and make it more efficient. It presents the methods, tasks, and connections between admin and staff along with the general customer.
- Existing E-Commerce systems might be difficult to use by all users. In some cases, extra human resources are needed to train the staff. So we tried to make our system interface much easier to understand for all the users of the system.

Solution to the Problem

- As previously mentioned, the aspects of this system are using digital tools to make the work easier and make it more efficient. Customer will register and then login to the system, and place an order. Staff will be added by the admin. Then they have to login. After logging in they can view order details that are made by customers. Staff will see order details, verify them and then make a printout of them. The printout will contain the necessary information about the customer and ordered items. Finally, these printouts will be used by third-party delivery services so that the right products can go to the right customer. There are so many E-Commerce websites available in the marketplace already. But what makes our website different will be the way we designed our features so that it can be a lot easier to use for all the system users like admin, staff & customers.

4. REQUIREMENT SPECIFICATION

4.1 System Features

Functional Requirements

1. System Registration

1.1. Only customers can register themselves to the system. Admin and Staff can't register by default

Priority Level: High

Precondition: Customer must have a unique email address and contact number

2. System Login

2.1. The software must allow users to login with their given username and password

Priority Level: High

Precondition: Customer must have valid username and password

3. System Login If Password Is Forgotten

3.1. The software must allow users to login with their email in this case

Priority Level: Medium

Precondition: Valid user

4. Different Dashboard

4.1. Different kind of dashboard with different features will be presented to users. Admin's dashboard will be different than staff's and customer's dashboard. Customer's dashboard will be different than staff's dashboard

Priority Level: High

Precondition: Different role should be clearly mentioned in database

5. Admin Features

- 5.1. Admin can add items to be sold to the system
- 5.2. Admin can see all the available items
- 5.3. Admin must be able to modify item details like Item Name, Price
- 5.4. Admin must be able to delete items
- 5.5. Admin must register staff to the system
- 5.6. Admin must be able to see all users

Priority Level: High

Precondition: Valid Admin

6. Customer Features

- 6.1. New Customer can register into the system
- 6.2. Customers must be able to see all available items
- 6.3. Customers must be able to add items to the cart after specifying quantity
- 6.4. Customers must be able to see their own cart and remove items from there if needed
- 6.5. Items must be in the cart for every customer even if they log out before confirming order
- 6.6. Customers must be able to place order successfully
- 6.7. Customers must be able to see their previous order history

Priority Level: High

Precondition: Valid Customer

7. Staff Features

- 7.1. Staff must be able to check order's availability
- 7.2. Staff must be able to print order details for later usage

Priority Level: High

Precondition: Valid Staff

8. Common Features For All Users

- 8.1. All users must be able to view their profile
- 8.2. All users must be able to edit their profile
- 8.3. All users must be able to change their profile picture
- 8.4. All users must be able to change their password
- 8.5. All users must be able to log out from the system

Priority Level: Medium

Precondition: Valid Users

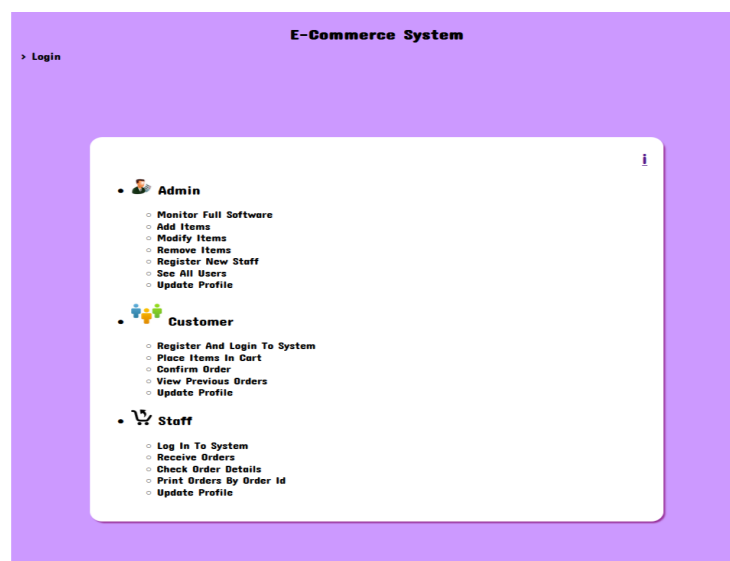
4.2 System Quality Attributes

Non-Functional Requirements

- Security: Customers should not be able to register with existing email address or contact number or username. And only authentic users should be able to login into the system.
Also null values will not be accepted while registering
Priority Level: High
- Usability: All users should be able to easily understand all the features of our system
Priority Level: High
- Reliability: The website should give the correct results consistently
Priority Level: High
- Maintainability: The system will be well documented and it will be designed to be easier maintenance. The system shall not be shut down for maintenance more than once in 48 hours. Priority Level: High
- Testability: If the System faces any error or defect then it must have the testing ability of that error or defect.
Priority Level: High

4.3 System Interface

4.3.1 Snapshots





required field

REGISTRATION

NAME

USER NAME

EMAIL

PHONE NUMBER

ADDRESS

PASSWORD

CONFIRM PASSWORD

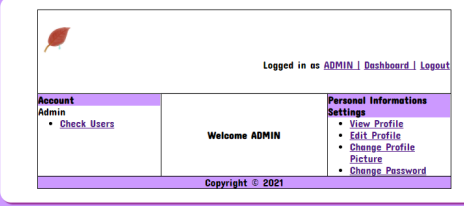
Browse... No file selected.

SUBMIT

RESET

[Already Have An Account?](#)

2. Registration



Logged in as ADMIN | Dashboard | Logout

Account Admin • Check Users	Welcome ADMIN	Personal Informations Settings • View Profile • Edit Profile • Change Profile Picture • Change Password
--	----------------------	--

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5. Dashboard - Admin



Logged in as CUSTOMER1 | Dashboard | Logout

Account Customer • Order Now!! • Your Cart • Your Order History	Welcome CUSTOMER1	Personal Informations Settings • View Profile • Edit Profile • Change Profile Picture • Change Password
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6. Dashboard - Customer



required field

LOGIN

USER NAME

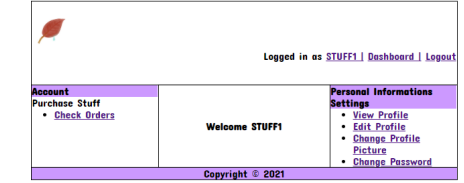
PASSWORD

☐ Remember Me

SUBMIT

[Doesn't Have An Account?](#)
[Forgot Password?](#)

3. Login

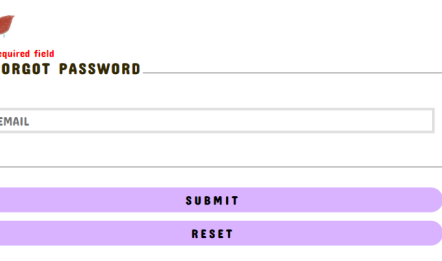


Logged in as STUFF1 | Dashboard | Logout

Account Purchase Stuff • Check Orders	Welcome STUFF1	Personal Informations Settings • View Profile • Edit Profile • Change Profile Picture • Change Password
--	-----------------------	--

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7. Dashboard - Staff



required field

FORGOT PASSWORD

EMAIL

SUBMIT

RESET

4. Forgot Password



Admin

Logged in as ADMIN | Dashboard | Logout

PROFILE Name : Admin Email : ADMIN@GMAIL.COM Phone : 01777777777 Address : Ctg. BD Edit Profile	 Change	Personal Informations Settings • View Profile • Edit Profile • Change Profile Picture • Change Password
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8. View Profile

9. Edit Profile

10. Change Profile Picture

11. Change Password

12. Admin - Add Item

Dashboard

Order Items

Item ID	Item Name	Price	Edit	Delete
1	Chinigura Rice (per kg)	89 TK	Edit	Delete
2	Potato Seasonal (per kg)	19 TK	Edit	Delete
3	Aarong Dairy Yagurt (500 ml)	90 TK	Edit	Delete

13. Admin - Modify Items

Dashboard

Image	Name	Role	User Name	Email	Phone Number	Address
	Admin	Admin	ADMIN	ADMIN@GMAIL.COM	01777777777	Ctg. BD
	Stuff1	Purchase Stuff	STUFF1	STUFF1@GMAIL.COM	01222222233	Ctg. BD
	Customer1	Customer	CUSTOMER1	CUSTOMER1@GMAIL.COM	01888888899	Dhaka, BD
	Customer2	Customer	CUSTOMER2	CUSTOMER2@GMAIL.COM	01444444444	Khulna, BD

14. Admin - See All Users

Dashboard

Order Items

Item ID	Item Name	Price	Quantity	Add
1	Chinigura Rice (per kg)	89 TK	<input type="text" value="Quantity"/>	Add To Cart
2	Potato Seasonal (per kg)	19 TK	<input type="text" value="Quantity"/>	Add To Cart
3	Aarong Dairy Yagurt (500 ml)	90 TK	<input type="text" value="Quantity"/>	Add To Cart

[Go To Cart](#)

15. Customer - See Products Before Ordering

Dashboard

Your Cart

Id	Item Name	Quantity	Price	Total Price	Delete
11	Chinigura Rice (per kg)	1	89 TK	89 TK	Remove

Available Items

Confirm Order

Order History

16. Customer - See Cart



Order ID : 1

Item Name	Price	Quantity	Total Price
Chingure Rice (per kg)	10	09 TK	090 TK
Puteho Seasonal (per kg)	5	19 TK	95 TK
Net Total : 185 TK			

Order ID : 3

Item Name	Price	Quantity	Total Price
Chingure Rice (per kg)	1	09 TK	09 TK
Net Total : 09 TK			

Order ID : 5

Item Name	Price	Quantity	Total Price
Aamung Dairy Yagurt (500 ml)	3	90 TK	270 TK
Net Total : 270 TK			

Order ID : 6

Item Name	Price	Quantity	Total Price
Chingure Rice (per kg)	1	09 TK	09 TK
Net Total : 09 TK			

Order ID : 7

Item Name	Price	Quantity	Total Price
Puteho Seasonal (per kg)	1	19 TK	19 TK
Chingure Rice (per kg)	1	09 TK	09 TK
Net Total : 108 TK			

Dashboard

17. Customer - See Order History



Order ID : 1

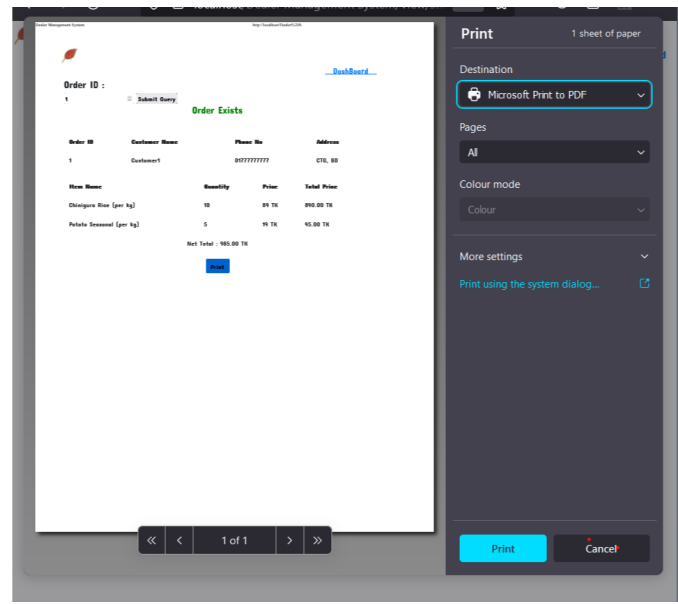
Order Exists

Order ID	Customer Name	Phone No	Address
1	Customer1	01777777777	CTO, BD

Item Name	Quantity	Price	Total Price
Chingure Rice (per kg)	10	09 TK	090.00 TK
Puteho Seasonal (per kg)	5	19 TK	95.00 TK
Net Total : 185.00 TK			

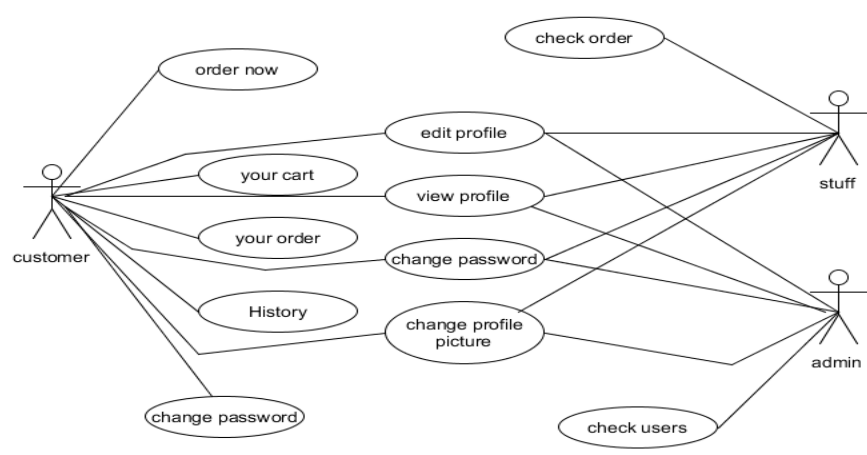
Dashboard

18. Staff - Check Order



19. Staff - Print Order Details

4.3.2 UML Diagram



4.4 Project Requirements

- Total Development time: 5 months
- Total working hours needed: $(5 \times 22) \times 5 = 550$ hours ; (1 month = 22 working day & per day working time 5 hours)
 - Times needed for Requirement analysis & Documentation: $(1 \times 22) \times 5 = 110$ hours
 - Times needed for developing system: $(2 \times 22) \times 5 = 220$ hours
 - Times needed for Testing & Debugging: $(1 \times 22) \times 5 = 110$ hours
 - Time needed for Revision: $(1 \times 22) \times 5 = 110$ hours
- Resource:
 - Developer team of 4 engineers.
 - Software Quality assurance team of 3 engineers.
 - Custom build Pcs 10
 - LAN connection
 - Softwares
 - Testing tools
- Total budget: 2,00,000 BDT
- Cost estimation:
 - Developers' salary: $(220 \times 100) \times 4 = 88,000$ BDT ; (Per hour salary= 100 BDT)
 - SQA engineers' salary: $(110 \times 100) \times 3 = 33,000$ BDT; (Per hour salary= 100 BDT)
 - Purchase necessary equipment, Hardware & testing tools: 50,000 BDT
 - Total cost: 1,71,000 BD

5. FEATURES NOT TO BE TESTED

- Staff Registration By Admin
- Third Party Delivery System Workflow

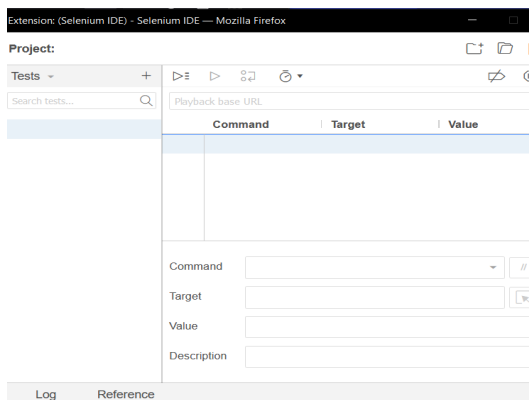
6. TESTING APPROACH

6.1 Testing Levels

- **Unit Testing:** First we will do the Unit Testing during our system development. In this testing, we will test individual software modules and see whether the individual system module has errors or not. This testing methodology is done by the software developers and QA staff. This testing goal is to ensure that each unit of software code works as intended. In this step, we will follow “White Box Testing” technique.
- **Integration Testing:** After that in the second part we will do the Integration. In this testing, we will make sure that all the software modules are integrated logically and tested as a group and working correctly. The goal of this level of testing is to find flaws in the way various software modules interact when they're integrated. In this step, we will follow the “Bottom-up Integration” technique.
- **System Testing:** Then we will do the system testing. Through the system testing we will test of full-featured, fully integrated system. Then we will verify if it meets all the requirement. Black-box testing falls under this condition. So, in this level, we will follow “Black Box Testing” technique.
- **Acceptance Testing:** The last phase of our testing is Acceptance Testing. We will do this Testing to check the acceptability of our product. This test will be done by our other classmates to check whether any defect was missed during the functional testing phase. In this level, we will follow the “Black Box Testing” technique.

6.2 Test Tools

- We will use Selenium IDE Plugin Tool. We will use this tool to automate the testing process. We will also do Manual testing.



Project Name: E-Commerce System			Test Designed by:	
Test Case ID: TC_			Test Designed date:	
Test Priority (Low, Medium, High):			Test Executed by:	
Module Name:			Test Execution date:	
Test Title:				
Description:				
Precondition (If any):				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
Post Condition:				

6.3 Meetings

The test team will meet virtually in Microsoft teams once a week to assess progress to date and to spot potential errors and problems early on. The project manager and the development team will have a meeting with the test team leader every two weeks as well. These two meetings will be set up for various weeks. In case of an emergency, more meetings may be held.

7. TEST CASES/TEST ITEMS

7.1. Automation Testing With Selenium IDE:

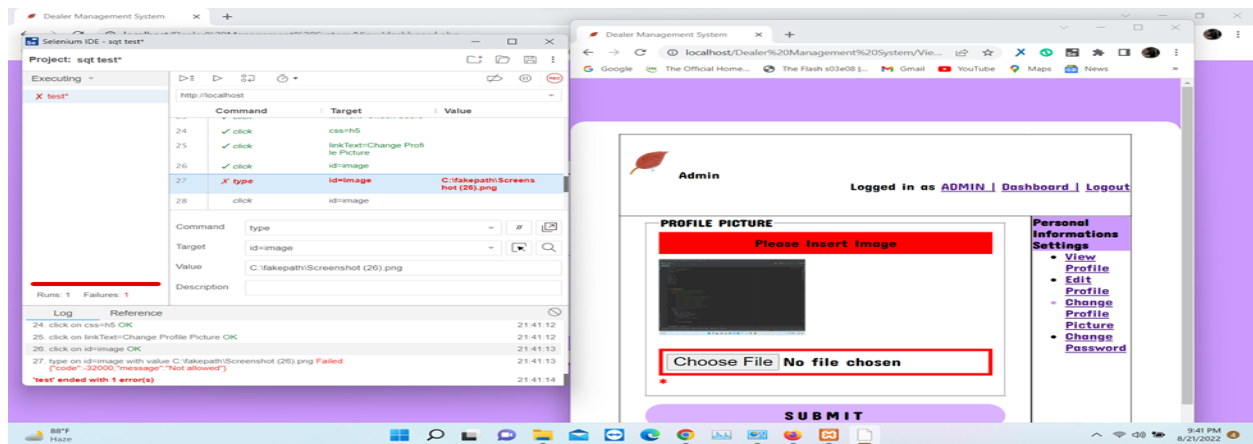


Figure 1: Common Feature(Tested by Talha Zubaer)

For Figure 1, there were some errors in the pixel density.

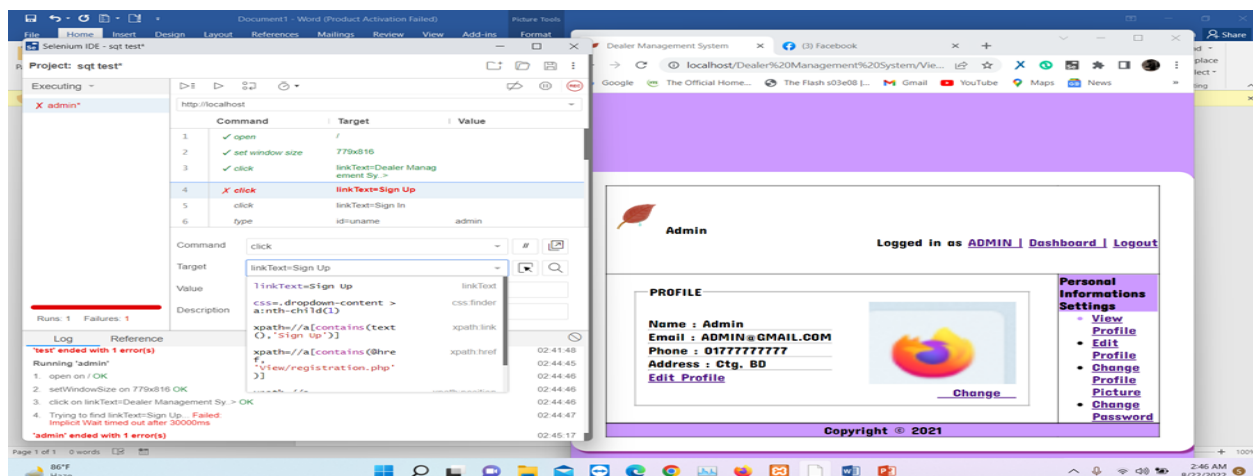


Figure 2: Admin(Tested by Sholaiman Khan Shitol)

In Figure 2, there were some bugs in the login time.

7.2. Test Cases

Project Name: E-Commerce System		Test Designed by: Tanha Reja		
Test Case ID: TC_6.1.1		Test Designed date: 20/8/22		
Test Priority (Low, Medium, High): High		Test Executed by: Tanha Reja		
Module Name: Customer Registration		Test Execution date: 20/8/22		
Test Title: Customer Registration With Invalid Info				
Description: To check registration functionality of website				
Precondition (If any): 1. Existing Username 2. Existing Email Address 3. Unique Contact Number 4. No Null Value				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to registration page 2. Enter Name 3. Enter Existing User name 4. Enter Existing Email Address 5. Enter Unique Phone Number 6. Enter Address 7. Enter Password 8. Enter Profile Picture 9. Click on Submit button	2. Tanha Reja 3. CUSTOMER1 4. CUSTOMER1@GMAIL.COM 5. 01720404781 6.Bashundhara, Dhaka 7. 12345Aa!12 8. pic.jpg	Unsuccessful Registration & Error Show	Unsuccessful Registration & Error Show (Username already exists Email already exists)	PASS
Post Condition: Stays on the registration page				

Project Name: E-Commerce System	Test Designed by: Tanha Reja
Test Case ID: TC_6.1.2	Test Designed date: 20/8/22
Test Priority (Low, Medium, High): High	Test Executed by: Tanha Reja
Module Name: Customer Registration	Test Execution date: 20/8/22
Test Title: Customer Registration With Valid Info	
Description: To check registration functionality of website	
Precondition (If any): 1. Unique Username 2. Unique Email Address 3. Unique Contact Number 4. No Null Value	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to registration page 2. Enter Name 3. Enter Unique User name 4. Enter Unique Email Address 5. Enter Unique Phone Number 6. Enter Address 7. Enter Password 8. Enter Profile Picture 9. Click on Submit button	2. Tanha Reja 3. Tanha31 4. tanhareja31@gmail.com 5. 01720404781 6. Bashundhara, Dhaka 7. 12345Aa!12 8. pic.jpg	Successful Registration & Redirect to login page	Successful Registration & Redirect to login page	PASS
Post Condition: After successful registration system will automatically redirect customer to login page				

Project Name: E-Commerce System		Test Designed by: Tanha Reja		
Test Case ID: TC_6.1.3		Test Designed date: 20/8/22		
Test Priority (Low, Medium, High): Low		Test Executed by: Tanha Reja		
Module Name: Remember Me Button		Test Execution date: 20/8/22		
Test Title: Remember Me Button				
Description: To check if remember be button stores the last log in information				
Precondition (If any):				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to Login Page 2. Enter User name 3. Enter Password 4. Click on Remember Me Button 4. Click on Submit button 5. Then click on Log out	2. tanha31 3. 12345Aa!12	After log out username and password field of login page should be automatically filled	Blank Filled	FAIL
Post Condition:				

Project Name: E-Commerce System		Test Designed by: Tanha Reja		
Test Case ID: TC_6.1.4		Test Designed date: 20/8/22		
Test Priority (Low, Medium, High): High		Test Executed by: Tanha Reja		

Module Name: Customer Login			Test Execution date: 20/8/22	
Test Title: Customer Login				
Description: To check login functionality using newly registered customer				
Precondition (If any): Valid Customer				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to Login Page 2. Enter User name 3. Enter Password 4. Click on Submit button	2. tanha31 3. 12345Aa!12	If successful login, show Customer Dashboard of logged in customer	Shows Customer Dashboard of logged in customer	PASS
Post Condition: Go to dashboard				

Project Name: E-Commerce System			Test Designed by: Tanha Reja	
Test Case ID: TC_6.3			Test Designed date: 20/8/22	
Test Priority (Low, Medium, High): High			Test Executed by: Tanha Reja	
Module Name: Customer Cart Add Feature			Test Execution date: 20/8/22	
Test Title: Customer Cart Add Feature				
Description: To check if items are storing in customer cart				
Precondition (If any): Logged in Customer				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click on Order Now!! 2. Give Quantity on first item and click on Add to cart 3. Give Another Quantity on second item and click on Add to cart 4. Click on Go to Cart	2. 1 3. 3	Items storing in cart with calculated total price	Items storing in cart with calculated total price	PASS
Post Condition:				

Project Name: E-Commerce System			Test Designed by: Tanha Reja	
Test Case ID: TC_6.4			Test Designed date: 20/8/22	
Test Priority (Low, Medium, High): High			Test Executed by: Tanha Reja	
Module Name: Customer Cart Remove Feature			Test Execution date: 20/8/22	

Test Title: Customer Cart Remove Feature				
Description: To check if items are removable from customer cart				
Precondition (If any): Logged in Customer				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click on Your Cart 2. Click on Remove button for last item		Item is removed	Item is removed	PASS
Post Condition:				

Project Name: E-Commerce System			Test Designed by: Tanha Reja	
Test Case ID: TC_6.5			Test Designed date: 20/8/22	
Test Priority (Low, Medium, High): High			Test Executed by: Tanha Reja	
Module Name: Customer Cart Feature			Test Execution date: 20/8/22	
Test Title: Customer Cart Feature				
Description: To check if items are stored in cart after log out				
Precondition (If any): Logged in Customer				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click on logout 2. Enter User name 3. Enter Password 4. Click on Your Cart	2. tanha31 3. 12345Aa!12	Items are stored in cart	Items are stored in cart	PASS
Post Condition:				

Project Name: E-Commerce System	Test Designed by: Tanha Reja
Test Case ID: TC_6.6	Test Designed date: 20/8/22
Test Priority (Low, Medium, High): High	Test Executed by: Tanha Reja
Module Name: Customer Order Feature	Test Execution date: 20/8/22
Test Title: Customer Order Feature	
Description: To check if customer can order	
Precondition (If any): Logged in Customer	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click on Your Cart 2. Click on Confirm Order		Order Taken Successfully Message	Order Taken Successfully Message	PASS
Post Condition:				

Project Name: E-Commerce System			Test Designed by: Tanha Reja	
Test Case ID: TC_6.7			Test Designed date: 20/8/22	
Test Priority (Low, Medium, High): High			Test Executed by: Tanha Reja	
Module Name: Customer Order History Feature			Test Execution date: 20/8/22	
Test Title: Customer Order History Feature				
Description: To check if customer can see their order history				
Precondition (If any): Logged in Customer				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click on Order History		Order History is shown	Order History is shown	PASS
Post Condition:				

Project Name: E-Commerce System			Test Designed by: Talha Zubaer	
Test Case ID: View Profile_1			Test Designed date: 16/8/22	
Test Priority (Low, Medium, High): High			Test Executed by: Talha Zubaer	
Module Name: View Profile			Test Execution date: 16/8/22	
Test Title: Go to the User Profile and can see the Profile				
Description: Test the View Profile				
Precondition (If any): Must Login to the Dashboard				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

1. Go to the Dashboard 2. Click on View Profile	Name: Admin Email: ADMIN@gmail.com Phone: 01777777777 Address: Ctg, BD	User can view the Profile	As expected	PASS
Post Condition: View the Profile Successfully.				

Project Name: E-Commerce System		Test Designed by: Sholaiman Khan Shitol		
Test Case ID: Edit Profile_2		Test Designed date: 16/8/22		
Test Priority (Low, Medium, High): Medium		Test Executed by: Sholaiman Khan Shitol		
Module Name: Edit Profile		Test Execution date: 16/8/22		
Test Title: Go to the User Profile and can edit the Profile				
Description: Test the Edit Profile Page				
Precondition (If any): Must Login to the Dashboard				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Dashboard 2. Click on Edit Profile	Old Name: Admin Old Email: ADMIN@gmail.com Old Phone: 01777777777 Old Address: Ctg, BD New name: Admin New Email: ADDMIN@gmail.com New Phone: 01999999999 New Address: Dhk, BD	User can Edit the Profile	Not expected for not updating the profile.	FAIL
Post Condition: Edit the Profile Successfully.				

Project Name: E-Commerce System		Test Designed by: Talha Zubaer		
Test Case ID: Change Profile Picture_3		Test Designed date: 16/8/22		
Test Priority (Low, Medium, High): High		Test Executed by: Talha Zubaer		
Module Name: Change Profile Picture		Test Execution date: 16/8/22		
Test Title: Go to the Change Profile Picture and can change the Profile Picture				
Description: Test the Change of the Profile Picture				
Precondition (If any): Must Login to the Dashboard				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Dashboard 2. Click on Change Profile Picture	Old Picture	New Picture	As expected	PASS
Post Condition: Change the Profile Picture Successfully.				

Project Name: E-Commerce System		Test Designed by: Sholaiman Khan Shitol		
Test Case ID: Dashboard_4		Test Designed date: 16/8/22		
Test Priority (Low, Medium, High): High		Test Executed by: Sholaiman Khan Shitol		
Module Name: Dashboard		Test Execution date: 16/8/22		
Test Title: Click on the Dashboard				
Description: Test the Dashboard				
Precondition (If any): Must Login				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Login	Homepage	Homepage	As expected	PASS
Post Condition: View the Homepage.				

Project Name: E-Commerce System			Test Designed by: Talha Zubaer		
Test Case ID: Change Password_5			Test Designed date: 17/8/22		
Test Priority (Low, Medium, High): High			Test Executed by: Talha Zubaer		
Module Name: Change Password			Test Execution date: 17/8/22		
Test Title: Click on the Change Password					
Description: Test the Change Password					
Precondition (If any): Go to the Dashboard					
Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Homepage 2. Enter the Change Password		Old Password: abcdefgh@ New Password: rishan@123	Password has been changed.	As expected	PASS
Post Condition: Change the Password Successfully.					

Project Name: E-Commerce System			Test Designed by: Sholaiman Khan Shitol	
Test Case ID: Check Users_6			Test Designed date: 17/8/22	
Test Priority (Low, Medium, High): Medium			Test Executed by: Sholaiman Khan Shitol	
Module Name: Check Users			Test Execution date: 17/8/22	
Test Title: Click on the Check Users				
Description: Test the Check Users				
Precondition (If any): Login				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Login 2. Click on the Check Users	All Profile Information	Show All Profile Information	As expected	PASS
Post Condition: Display all the information of the Users successfully.				

Project Name: E-Commerce System		Test Designed by: Sholaiman Khan Shitol		
Test Case ID: Admin_7		Test Designed date: 17/8/22		
Test Priority (Low, Medium, High): Low		Test Executed by: Sholaiman Khan Shitol		
Module Name: Admin		Test Execution date: 17/8/22		
Test Title: Go to the Admin and can see the Profile				
Description: Test the Admin Button				
Precondition (If any): Must Login to the Dashboard				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Dashboard 2. Click on Admin	Name: Admin Email: ADMIN@gmail.com Phone: 01777777777 Address: Ctg, BD	View the Admin Profile	As expected	PASS
Post Condition: View the Admin Profile Successfully.				

Project Name: E-Commerce System			Test Designed by:Talha Zubaer	
Test Case ID: Logout_8			Test Designed date: 17/8/22	
Test Priority (Low, Medium, High): High			Test Executed by: Talha Zubaer	
Module Name: Logout			Test Execution date: 17/8/22	
Test Title: Go to the Logout.				
Description: Test the Logout Button				
Precondition (If any): Must Login to the Dashboard				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Login 2. Click on Logout	Logout	Logout	As expected	PASS
Post Condition: Logged out Successfully.				

Project Name: E-Commerce System		Test Designed by: Rejwana Shikder		
Test Case ID: Check Order_9		Test Designed date: 17/08/2022		
Test Priority (Low, Medium, High): Medium		Test Executed by: Rejwana Shikder		
Module Name:		Test Execution date: 17/08/2022		
Test Title: Click on the Check Orders				
Description: Go To The Page Check Orders				
Precondition (If any): Login				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Staffl Page 2. Enter the Check Orders	Order ID:2 Customer Name:Customer2 Phone No:018888888 Address: Khulna,BD	Order Has Been Checked	As expected	PASS
Post Condition: Check the Orders Successfully.				

Project Name: E-Commerce System		Test Designed by: Rejwana Shikder		
Test Case ID: Print_10		Test Designed date: 17/8/22		
Test Priority (Low, Medium, High): Medium		Test Executed by: Rejwana Shikder		
Module Name: Print		Test Execution date: 17/8/22		
Test Title: Click on Print				
Description: Go To The Page Check Orders				
Precondition (If any): Go To The Check Orders				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Check Orders Page 2. Click On Print	1. Go to the Check Orders Page	1. Go to the Check Orders Page 2. Click On Print	As expected	PASS

	2. Click On Print			
Post Condition: The Order Printed Successfully.				

Project Name: E-Commerce System			Test Designed by: Rejwana Shikder	
Test Case ID: STUFF1_11			Test Designed date: 17/8/22	
Test Priority (Low, Medium, High): STUFF1_11			Test Executed by: Rejwana Shikder	
Module Name: Click on STUFF1			Test Execution date: 17/8/22	
Test Title: Click on STUFF1				
Description: Test the STUFF1				
Precondition (If any): Go To The Page Check Orders				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Check Orders Page 2. Click On STUFF1	Purchase Stuff Profile Personal Information Settings	Stuff Details has been Checked	As expected	PASS
Post Condition: The Stuff Details Checked Successfully.				

7.3. Acceptance Testing

Test Plan

Introduction	Formal testing for product evaluation to determine whether a system satisfies its acceptance criteria
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Schedule	19-08-2022
Human resources	1. prantosaha604@gmail.com 2. tanjeedislam2000@gmail.com 3. azmainadnan00@gmail.com 4. ashilrejasporsho@gmail.com

Test Report

Date	Acceptance report date	19-08-2022
Test case execution status	1. Number of test cases executed today 2. Number of test cases passing 3. Number of cases failing	1. 4 2. 2 3. 2
Defect identifier	1. Submit defect number 2. Brief description of the issue	1. 1 2. Edit profile doesn't work
ACC number(s)	1. Acceptance criteria	1. 1
Cumulative test execution status	1. Total number of test cases executed 2. Total number of test cases passing 3. Total number of test cases failing 4. Total number of test cases, not executed yet	1. 4 2. 2 3. 2 4. 2

8. Item Pass/Fail Criteria

Testing team will be a group of -

1. Unit Test Manager
2. Test Analyst
3. Developer

The team will be doing the following tasks-

1. If any error is found or the passing rate remains below 100% it will be resolved in time.
2. All the possible tests will be documented

Here we have implemented 21 test cases. 17 of them passed which means 80% of the test cases were passed successfully when we applied the test case and 4 of them or 20% have failed. Because of some query related issues on the database, the test cases were failed.

9. Test Deliverables

- Test specification document: The list of the test scenarios will be tested.
- Test strategy: The high-level document defines the testing approach.
- Test scenario: We must ensure that every process is thoroughly tested.
- Test data: the information or input supplied to the application in order to obtain results.
- Test overwrite: checking whether data or input type are the same or not for the same page.
- Defect reports: Bug report of a feature
- Test design: ensure a formal way to design of test
- Test status report: How the application was developed
- Summary of all reports: Summary of testing, overall opinions, and test pass/fail

10. Staffing And Training Needs

- Use certification to demonstrate expertise and promote the acquisition of new skills.
- Promote software and computing training as an ongoing physics activity.
- Workbooks and wikis can be used to create dynamic, interactive software documentation.
- Make use of social media to disseminate training.
- employable in non-academic settings.

To complete our project, "E-Commerce System," we need some skilled members. Skilled workers can complete a project more efficiently and on time. Skilled workers will complete a high-quality assignment on time. Three full-time testers with extensive knowledge of various testing and testing technologies will be required. Two senior developers and two junior developers are required. One assistance tester is required. The assistance tester should be familiar with the E-Commerce System and should receive system training.

11. Responsibilities

- The project team leader is responsible for verifying all test plans.
- The test lead is responsible for writing the test plan.
- The test managers are responsible for writing test cases.
- The entire project team will participate in the system review.
- The developer is responsible for fixing bugs; the tester is responsible for detecting bugs rather than fixing bugs.
- The administration is responsible for verifying the test results.

12. Testing Schedule

WBS NUMBER	TASK TITLE	START DATE	DUE DATE	DURATION
1	Project Conception and Initiation			
1.1	Project Proposal	01/07/22	05/07/22	4
1.1.1	Project Requirement	06/07/22	10/07/22	4
1.2	SRS Documentation	07/07/22	15/07/22	8
1.3	Project Planning	16/07/22	19/07/22	3
1.4	Resource Planning	17/07/22	19/07/22	2
1.5	Guidelines	19/07/22	20/07/22	1
2	Development			
2.1	System Design & Architecture	21/07/22	28/07/22	7
2.2	Coding	29/07/22	31/10/22	94
3	Integration & Testing			
3.1	Integration & Testing	16/08/22	20/11/22	96
3.2	Report Generation	16/08/22	20/11/22	96
3.3	Acceptance Testing	21/11/22	30/11/22	9
4	Project Performance / Monitoring			
4.1	Project Objectives	01/12/22	10/12/22	9
4.2	Quality Deliverables	11/12/22	20/12/22	9
4.3	Final Documentation	12/12/22	25/12/22	13

13. Planning Risks And Contingencies

1. Software Failure: We will maintain a main and backup hardware system, printers and workstations should be serviced and maintained regularly.
2. Specific Framework: Developers will follow MVC framework so that while integrating the system, there can be minimum error.
3. Internal Issue: Chain of command will be conducted strictly.

14. Approvals

Project Sponsor	TANHA REJA
Development Management	TANHA REJA
EDI Project Manager	SHOLAIMAN KHAN SHITOL
RS Test Manager	TALHA ZUBAER
RS Development Team Manager	TANHA REJA
Order Entry EDI Team Manager	REJWANA SHIKDER