American International University-Bangladesh (AIUB)

Department of Computer Science

Faculty of Science & Technology (FST)

SUMMER 2022-23

Software Quality and Testing

Section: D

chaldal.com

A Report

By

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Software Test Plan

For

<chaldal.com>

Version 7.0.1

Prepared by <Group 9>

<American International University- Bangladesh>

<27.08.23>

Checked by Industry Personnel

Name:

Designation:

Company:

Sign:

Date:

Table of Contents

Revision History

Revision	Date	Updated By	Update Comments
0.1	22/08/23	Tahsin Alahi Rudro	First draft
0.2	23/08/23	MD. Fardin Ahasan	Second draft
0.3	23/08/23	MD. Mahfuzur Rahman	Third draft
0.4	24/08/23	Kaniz Fatima	Fourth draft
0.5	25/08/23	MD. Mahfuzur Rahman	Fifth draft
0.6	26/08/23	MD. Fardin Ahasan	Last draft

1. TEST PLAN IDENTIFIER: Chaldal-V7.0.1

2. REFERENCES

- Software Testing and Quality Assurance – Theory and Practice - Kshirasagar Naik & Priyadarshi Tripathy
- https://www.selenium.dev/selenium-ide/docs/en/introduction/getting-started
- https://www.chaldal.com/

3. INTRODUCTION

Background to the problem

In Bangladesh, there are some busy cities like Dhaka, Chittagong etc. In these busy cities people are also busy and always working and don't have much time. It's hard for them to go to the market to buy fresh and healthy food. People want to find ways to make their busy lives easier. When it comes to buying good food, especially fresh and healthy stuff, it's tough. Everyone wants food that's both fresh and good for them. Even though there are some online stores that help with buying things like accessories, there's no similar place to buy fresh veggies and fruits online.

Solution to the problem

To tackle the issue of finding fresh vegetables and organic food, an app called Chaldal emerged as a solution. Chaldal offers a range of fresh, organic food and vegetables. Chaldal aims to save both time and effort in your life. All we need to do is open Chaldal website, and we can place orders from wherever we are.Once we've chosen what you need, Chaldal takes care of the rest. They swiftly process our order and deliver the items to us in a short span of time. They ensure a daily supply of fresh vegetables directly from the farmers, providing customers with reliable access to organic and fresh food. In a nutshell, Chaldal resolves the problem of struggling to find fresh and organic food. All it takes is a few clicks to select items and place orders.

4. REQUIREMENT SPECIFICATION

System Features

1. **System Login**
   Functional Requirements
   1.1 The user can register to the system through Facebook or mobile number.
   1.2 The user can login to the system with their user id, password and OTP verification.
   1.3 If the login successful the main my-account page in this system will be displayed.

   Priority level: High

   Precondition: User have valid user id and password.

2. **User Profile**
   Functional Requirements
   2.1 User can view their profile and can add information.
   2.2 User can also view order, payment history, referral program and log out option.
   2.3 User can change information and password.

   Priority level: High

   Precondition: User must have a valid account.

3. Product Search
Functional Requirements
    3.1 User can use the search bar to search product using keyword or product name.
    3.2 Search result shall show products related to search keyword.
    3.3 Search result shall show product details, price and stock.
    3.4 Search bar shall provide some auto suggestions while writing.

Priority level: Medium

Precondition: None

4. Menu Bar
Functional Requirements
    4.1 The system shall provide organized categories like Food, Kitchen Item, Pet Item,
    4.2 The system shall also provide subcategories under main category like Fruit, Meat, Snacks.
    4.3 The system shall showcase ongoing promotions, special deals, or discounts.

Priority Level: Medium

Precondition: None

5. Location Share
Functional Requirements
    5.1 The system shall allow the user to use the current location.
    5.2 The system shall allow the user to change city and add location address.

Priority Level: High

Precondition: User must allow the website to access location.

6. Language Change
Functional Requirements
    6.1 The system shall allow user to change language: Bangla, English
    6.2 The system shall show the whole site by user's chosen language.

Priority Level: Medium

Precondition: None

7. **Cart**
   Functional Requirements
   7.1 The user shall be able to add chosen item into cart.
   7.2 The cart section shall allow the users to see all the item that added and the total price.
   7.3 There shall be an option where user can put Special code.
   7.4 The system shall allow the user to remove any item from the cart and change item quantity.

   Priority Level: High

   Precondition: None

8. **Live Chat**
   Functional Requirements
   8.1 The system shall provide a Live Chat section that connects the user with an online live agent.
   8.2 The system shall allow the user to get help from the live agent and should get non-artificial replies.

   Priority Level: Low.

   Precondition: Live agent must be online.

9. **Help**
   Functional Requirements
   9.1 The system shall provide Privacy policy and Terms of Use.
   9.2 The system shall provide an FAQ section to address common issues and questions.

   Priority Level: Medium.

   Precondition: None.

10. Orders
   Functional Requirements
   10.1   The system shall allow the user to see current and previous orders.
   10.2   The system shall allow the user to return any order from that list.
   10.3   The system shall allow the user to complain of a particular order.

   Priority Level: High.

   Precondition: User must be logged in.

11. Product Details
   Functional Requirements
   11.1   The system shall show details option while placing the cursor in a particular product.
   11.2   The system shall allow user to see detailed photo and description in the Details section.

   Priority Level: Low.

   Precondition: None.

12. Place Order
   Functional Requirements
   12.1   The system shall allow the user place order from the cart.
   12.2   The system shall allow the user to confirm delivery address.
   12.3   The system shall allow the user to choose preferred delivery time and payment options.

   Priority Level: High.

   Precondition: Cart cannot be empty to place order.

13. Cancel Order
   Functional Requirements
   13.1   The system shall allow the user to cancel any order after placing it.
   13.2   The system shall confirm the user before cancelling any order and ask for any help.

Priority Level: High.

Precondition: User must place an order first.

System Quality Attributes

- **Usability**: The website should be user-friendly and intuitive, allowing customers to easily navigate, search for products, add items to the cart, and proceed to checkout without confusion.

- **Performance**: The website should load quickly and respond promptly to user interactions. Slow loading times or delays can frustrate users and lead to abandoned carts.

- **Reliability**: The website should be available and operational consistently, minimizing downtime and technical glitches.

- **Security**: Strong security measures, including SSL encryption, secure payment gateways, and protection of user data, are crucial to prevent unauthorized access and maintain customer trust.

- **Scalability**: The website should be able to handle increased user traffic during peak times, such as holidays or promotions, without a significant drop in performance.

- **Compatibility**: The website should be compatible with various web browsers, devices (desktops, tablets, mobiles), and operating systems to ensure a consistent experience for all users.

- **Accessibility**: The website should be designed with accessibility features to accommodate users with disabilities, conforming to accessibility guidelines (e.g., WCAG) for screen readers, keyboard navigation, etc.

- **Availability**: The website shall be accessible 24/7 to users around the world. The software shall have mechanisms in place to handle sudden increases in traffic, such as during a major sale event or product launch.

5. FEATURES NOT TO BE TESTED

The following is a list of the areas that will not be specifically addressed. All testing in these areas will be indirect as a result of other testing efforts. For example:

- o Testing interactions with third-party services like payment gateways, shipping services can be challenging as they are not directly controlled by the website.
- o The accuracy of product information provided by third-party sellers, as Chaldal relies on them to provide accurate information about their products.
- o Testing database was nearly impossible as we are using White-box testing.
- o The reliability and quality of internet connections or devices used by customers to access the website are not tested, as these are outside of Chaldal's control and may affect the user experience.
- o Any kind of transaction and payment are not tested.

6. TESTING APPROACH

6.1 Testing Levels

- o The testing for the project will consist of Unit, System/Integration (combined) and Acceptance test levels. It is hoped that there will be at least one full time independent test person for system/integration testing. However, with the budget constraints and timeline established; most testing will be done by the test manager with the development teams" participation.
- o **UNIT Testing** will be done by the developer and will be approved by the development team leader. Proof of unit testing (test case list, sample output, data printouts, defect information) must be provided by the programmer to the team leader before unit testing will be accepted and passed on to the test person. All unit test information will also be provided to the test person.
- o **SYSTEM/INTEGRATION Testing** will be performed by the test manager and development team leader with assistance from the individual developers as required. No specific test tools are available for this project. Programs will enter into System/Integration test after all critical defects have been corrected. A program may have up to two Major defects as long as they do not impede testing of the program (I.E. there is a work around for the error).
- o **ACCEPTANCE Testing** will be performed by the actual end users with the assistance of the test manager and development team leader. The acceptance test will be done in parallel with the existing manual ZIP/FAX process for a period of one month after completion of the System/Integration test process.

6.2 Test Tools

- o The 'Selenium IDE'- testing tool has been used to build test cased and test Chaldal website. Selenium IDE has been used because it supports automated testing. We will perform manual testing initially, and then we will perform automation testing. The most crucial tool for automation testing is Selenium. Selenium is an open-source, free framework for assessing web applications across a variety of platforms and browsers. Scripts for Selenium tests can be written in a variety of programming languages, including Java, C#, Python, and others.

6.3 Meetings

Our group met two or three days in a week through MS Teams to evaluate progress and to exchange opinions and ideas among each-others. More details on below table:

Meeting Date	Meeting Topic	Meeting Duration
12/08/2023	Website selection	20 minutes
22/08/2023	Testing Feature selection	1 hour 20 minutes
23/08/2023	Selenium discussion	2 hours
25/08/2023	Checking progress	1 hour
26/08/2023	Review everything and merge everyone's work and finishing.	2 hours 40 minutes

7. TEST CASES/ TEST ITEMS

Project Name: Chaldal Test Case ID: LoginPass_Test-1			Test Design by: MD. MAHFUZUR RAHMAN	
Test Priority: High			Test Executed by: MD. MAHFUZUR RAHMAN	
Module Name: Login Session			Test Execution date: 25/08/2023	
Test Title: Verify login with valid email and password				
Description: Test website login page				
Precondition (If any): User must have valid email and password				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click sign in/up 3. Enter username 4. Enter password 5. Click sign in	Email: mahshanto369@gmail.com Password: 1234sqt	User should login into the website	As expected,	Pass
Post Condition: User is validated with database and successfully login to the account.				

Project Name: Chaldal Test Case ID: LoginFail_Test-2			Test Design by: MD. MAHFUZUR RAHMAN	
Test Priority: High			Test Executed by: MD. MAHFUZUR RAHMAN	
Module Name: Login Session			Test Execution date: 25/08/2023	
Test Title: Verify login or registration using OTP				
Description: Test website login page for 2 times with wrong OTP				
Precondition (If any): User must have a valid phone number				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click sign in/up 3. Enter phone number 4. Enter OTP 5. Click sign in	Phone: +8801727566775 Pin: 7774	User should not be able to login or register	As expected,	Pass
Post Condition: User will not be validated and need to enter the correct OTP or choose another login option.				

Project Name: Chaldal Test Case ID: ProfileView_Test-3			Test Design by: MD. MAHFUZUR RAHMAN	
Test Priority: Medium			Test Executed by: MD. MAHFUZUR RAHMAN	
Module Name: Profile			Test Execution date: 25/08/2023	
Test Title: Edit profile information				
Description: Change information and check if profile is updated.				
Precondition (If any): User must be logged in				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to your profile 2. Enter updated data 3. Enter new address 4. Click Submit	Gender: Female Date of Birth:12-12-2002	User profile is updated with new values	As expected,	Pass
Post Condition: The user will have updated profile and need to use updated information from next session.				

Project Name: Chaldal Test Case ID: OrderHistory_Test-4			Test Design by: MD. MAHFUZUR RAHMAN	
Test Priority: Low			Test Executed by: MD. MAHFUZUR RAHMAN	
Module Name: Profile			Test Execution date: 24/08/2023	
Test Title: Order history view and file a complaint				
Description: Check if it's possible to complain long after ordering				
Precondition (If any): User must be logged in				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Click Your Orders 2. Open an order 3. Click Report Issue 4. Click on a category 5. Click Submit		The system will not allow to file a complain due to time expiry	As expected,	Pass
Post Condition: The user need to contact customer care or can file a complaint on recently placed orders.				

Project Name: Chaldal Test Case ID: PaymentHistory_Test-5			Test Design by: MD. MAHFUZUR RAHMAN		
Test Priority: Medium			Test Executed by: MD. MAHFUZUR RAHMAN		
Module Name: Profile			Test Execution date: 24/08/2023		
Test Title: Payment history check					
Description: Link check if payment history is correctly sorted					
Precondition (If any): User must be logged in.					
Test Steps	Test Data	Expected Result	Actual Result		Status
1. Click Payment History 2. Select different months 3. Select different year		Each month selected will show payment history of that month for the selected year	As expected,		Pass
Post Condition: User will be able to see all payment history from account creation and new payment will automatically be added to payment history.					

Project Name: Chaldal Test Case ID: Language_Test-6			Test Design by: MD. MAHFUZUR RAHMAN		
Test Priority: Low			Test Executed by: MD. MAHFUZUR RAHMAN		
Module Name: Language			Test Execution date: 25/08/2023		
Test Title: Change language					
Description: Check if language change converts all text to Bangla					
Precondition (If any):					
Test Steps	Test Data	Expected Result	Actual Result		Status
1. Click on language change button 2. Browse to check if language is changed for all values.		All texts in the website will be translated to Bangla	As expected,		Pass
Post Condition: User will have better usability if they do not understand English.					

Project Name: Chaldal Test Case ID: Help_Test-7		Test Design by: MD. MAHFUZUR RAHMAN		
Test Priority: Low		Test Executed by: MD. MAHFUZUR RAHMAN		
Module Name: Help		Test Execution date: 24/08/2023		
Test Title: Check Help Links				
Description: Browse all links related to Help module				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Click on Help 2. Click Our Story, Team, Career, Contact Us, PrivacyPolicy one by one		All links redirect to correct destination	As expected,	Pass
Post Condition: User will be able to access all information regarding the website.				

Project Name: Chaldal Test Case ID: Logout_Test-8		Test Design by: MD. MAHFUZUR RAHMAN		
Test Priority: High		Test Executed by: MD. MAHFUZUR RAHMAN		
Module Name: System Logout		Test Execution date: 25/08/2023		
Test Title: Logout of system				
Description: logout if signed in into the system				
Precondition (If any): User must be logged in				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Check if user issigned in 2. If signed in, clicklogout		User will logout when signed in	As expected,	Pass
Post Condition: User need to again login to the system to access profile.				

Project Name: Chaldal Test Case ID: ChangePassword_Test-9			Test Design by: MD. MAHFUZUR RAHMAN	
Test Priority: High			Test Executed by:MD. MAHFUZUR RAHMAN	
Module Name: Profile			Test Execution date: 25/08/2023	
Test Title: Change password				
Description: Will change password if all data correct, else won't				
Precondition (If any): User must previously set a password for the account				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Click check password 2. Enter wrong data to check 3. Enter correct data	Old Password: 1234sqt New Password: 12345sqt newPassword2: 12345sqt	Won't change with wrong data. Will change with correct data	As expected,	Pass
Post Condition: User profile will be updated with new password and user needs to use it for next login session				

Project Name: Chaldal Test Case ID: ReferralCode_Test-10			Test Design by: MD. MAHFUZUR RAHMAN	
Test Priority: Low			Test Executed by: MD. MAHFUZUR RAHMAN	
Module Name: Profile			Test Execution date: 24/08/2023	
Test Title: Check referral code				
Description: Check if referral code gets generated				
Precondition (If any): User must be logged in				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Click on Referral Program 2. Click on Whatsapp logo 3. Check code		Will generated a personalized codefor referring tosomeone	As expected,	Pass
Post Condition: User will get privilege if someone use their referral code.				

Project Name: Chaldal Test Case ID: RegistrationValidation_Test-11			Test Design by: Kaniz Fatima	
Test Priority: Medium			Test Executed by: Kaniz Fatima	
Module Name: User Registration			Test Execution date: 25/08/2023	
Test Title: Registration Validation				
Description: Check if registration takes invalid input				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Click Sign In/Up 2. Enter alphabet in phone number field 3. Click Sign in	Phone: +88bfgjhts	Won't allow to proceed as data type is not integer	As expected,	Pass
Post Condition: User must enter only numbers which needs to be a valid phone number to proceed.				

Project Name: Chaldal Test Case ID: ProfileValidation_Test-12			Test Design by: Kaniz Fatima	
Test Priority: Medium			Test Executed by: Kaniz Fatima	
Module Name: Profile			Test Execution date: 25/08/2023	
Test Title: Profile Validation				
Description: Check if profile update takes invalid input				
Precondition (If any): User must be logged in.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Click Your Profile 2. Enter random number for date of birth 3. Click Submit	Date of birth: 1234531-865754	Won't allow to update as dataformat does notmatch	As expected,	Pass
Post Condition: User must enter actual date of birth in correct format to update profile.				

Project Name: Chaldal Test Case ID: C_LOC_1			Test Design by: Kaniz Fatima	
Test Priority: Medium			Test Executed by: Kaniz Fatima	
Module Name: Location Setup			Test Execution date: 25/08/2023	
Test Title: add location manually				
Description: add location by typing in the address box				
Precondition (If any): User should login to the system				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on location button 3. Click on "Your Profile" and then click "Add address" button 4. Enter street address 5. Choose area 6. Enter floor number and apartment no. 7. Click on "Save Address"	Street address: Kuril \nmiya bari/nmosque Area: kuril Floor:4 Apartment: matrichaya	Location should be saved and show in profiles address section.	As expected,	Pass
Post Condition: After save the address user should press the "save" or "pin address" button to save the location as default.				

Project Name: Chaldal Test Case ID: C_LOC_2			Test Design by: Kaniz Fatima		
Test Priority: Medium			Test Executed by: Kaniz Fatima		
Module Name: Location Setup			Test Execution date: 24/08/2023		
Test Title: add location from google map					
Description: add location from google map by searching thelocation					
Precondition (If any): User should login to the system					
Test Steps	Test Data	Expected Result	Actual Result		Status
1. Go to the website 2. Click on location button Or, Click on "YourProfile" and then click "Add address" button 3. Press "search address" 4. Enter location or drag the Google map pin the "delivery here" pointer to the location 5. Click Select Location" 6. Click on "Save Address"	Search address: Kuril ka-13/1 ,house ka-183/1,progati sharani,Kuratoli, kuril	Location should be saved and show in profiles address section.	As expected,		Pass
Post Condition: After save the address user should press the "save" or "pin address" button to savethe location as default.					

Project Name: Chaldal Test Case ID: C_LOC_3			Test Designed date: 20/12/2022		
Test Priority: Low			Test Executed by: Kaniz Fatima		
Module Name: Location Setup			Test Execution date: 24/08/2023		
Test Title: change city					
Description: change the city from the option given in thesystem					
Precondition (If any):					
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on location button 3. Press "ChangeCity" 4. Choose city	City : Dhaka	City name should be changed	As expected,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: C_LOC_4			Test Design by: Kaniz Fatima		
Test Priority: Medium			Test Executed by: Kaniz Fatima		
Module Name: Location Setup			Test Execution date: 24/08/2023		
Test Title: current location set					
Description: current location should be set by tracking my location					
Precondition (If any): User should open the location option in the system					
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on location button Or , Click on "Your Profile" and then click "Add address"button 3. Press "Use my current location"		Location should be tracked from my system and set in the system.	As expected,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: C_LOC_5			Test Design by: Kaniz Fatima	
Test Priority: Low			Test Executed by: Kaniz Fatima	
Module Name: Location Setup			Test Execution date: 24/08/2023	
Test Title: delete location				
Description: delete location from profile				
Precondition (If any): User should login to the system and should have set addresses				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on "Your Profile" 3. From "Select aDelivery Address" Section Press "delete"		Location should be deleted from profiles address section.	As expected,	Pass
Post Condition: If the address is the default address, then after deleting the address automatically other address should be saved the location as default.				

Project Name: Chaldal Test Case ID: C_SEA_1			Test Design by: Kaniz Fatima	
Test Priority: Medium			Test Executed by: Kaniz Fatima	
Module Name: Search Items			Test Execution date: 24/08/2023	
Test Title: search items from system				
Description: search items by category, product type and product name				
Precondition (If any):				
Test Steps	Test Data	ExpectedResult	Actual Result	Status
1. Go to thewebsite 2. Click on"Search bar" 3. Write sometext	"food", "cleaning", "personal care", "health", "wellness"	SearchItems should be appear as per search.Whenwe search bycategory; products of category shouldapper. Same way by product type and name the items should came.	As expected, ,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: C_SEA_2		Test Design by: Kaniz Fatima		
Test Priority: Medium		Test Executed by: Kaniz Fatima		
Module Name: Search Items		Test Execution date: 24/08/2023		
Test Title: invalid search				
Description: test search bar by invalid item name				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Results	Status
1. Go to the website 2. Click on "Search bar" 3. Write some text	"qesdrt","zsacfv","asfsdgb","sadfcqsf","asfcas"	No items should appear when we search items by invalid text.	As expected,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: C_CHA_1		Test Design by: Kaniz Fatima		
Test Priority: LOW		Test Executed by: Kaniz Fatima		
Module Name: Chat		Test Execution date: 24/08/2023		
Test Title: chat with chaldal customer care				
Description: weather we can communicate with chaldal customer care.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on "LiveChat" 3. Enter message andemoji		Message and emoji should send successfully.	As expected,	Pass
Post Condition: After save the address user should press the "save" or "pin address" button to save the location as default.				

Project Name: Chaldal Test Case ID: C_FAV_1		Test Design by: MD. Fardin Ahasan		
Test Priority: Low		Test Executed by: MD. Fardin Ahasan		
Module Name: Favorite Items		Test Execution date:25/08/23		
Test Title: Add product to favorite list and to remove it from there.				
Description: Product should be added to favorite and then removed from the list.				
Precondition (If any): None				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website 2. Choose a Product 3. Click on the heart shape 4. Click on "Favorites" 5. Click on the heart icon	Products	Product should be added to favorite list after clicking on Heart shape and it should be removed from the list if the Heart shape clicked again.	As expected,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: C_ITE_1		Test Design by: MD. Fardin Ahasan		
Test Priority: High		Test Executed by: MD. Fardin Ahasan		
Module Name: Items		Test Execution date:25/08/23		
Test Title: Add product to item list and to remove it from there.				
Description: Product should be added to item list and then should removed from the list.				
Precondition (If any): To remove, there must be items.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website 2. Choose a Product 3. Choose quantity 4. Click on "Item" 5. Click on the cross icon	Products	Product should be added to item list after adding and it should be removed from the list if the Cross icon is clicked.	As expected,	Pass
Post Condition: Bill status should be change according to item list.				

Project Name: Chaldal Test Case ID: C_CAN_1		Test Design by: MD. Mahfuzur Rahman		
Test Priority: High		Test Executed by: MD. Mahfuzur Rahman		
Module Name: Order Test Title: Cancel order.		Test Execution date:25/08/23		
Description: Cancel orders after placing it.				
Precondition (If any): Must be place a order first.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website 2. Go to 'Profile'. 3. Click on 'Your Orders' 4. Click on 'View Details' 5. Click on 'Cancel' 6. Confirm the process.	Ordered Products	Order should cancel after that.	As expected,	Pass
Post Condition: Order status should be seen as 'Cancelled' for that particular order.				

Project Name: Chaldal Test Case ID: C_DET_1		Test Design by: MD. Mahfuzur Rahman		
Test Priority: Medium		Test Executed by: MD. Mahfuzur Rahman		
Module Name: Details Test Title: Test product details		Test Execution date:25/08/23		
Description: See product details and changing zoom of product pictures.				
Precondition (If any): None				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website 2. Choose products. 3. Put the cursor on that product. 4. Click on 'Details'	Mosquito Defense	Product details should be there and should allow users to zoom in that product picture.	As expected,	Pass
Post Condition: Must click on 'Details'.				

Project Name: Chaldal Test Case ID: C_ITE_2		Test Design by: Kaniz Fatima		
Test Priority: High		Test Executed by: Kaniz Fatima		
Module Name: Items		Test Execution date:24/08/23		
Test Title: Add multiple product to item list and to remove them from there.				
Description: Multiple product should be added to item list and then should remove from the list.				
Precondition (If any): To remove, there must be items.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website 2. Choose a Product 3. Choose another Product 3. Choose quantity 4. Click on "Item" 5. Click on the cross icon	Products	Multiple products should be added to item list after adding and it should be removed from the list if the Cross icon is clicked.	As expected,	Pass
Post Condition: Bill status should be change according to item list.				

Project Name: Chaldal Test Case ID: C_PAY_1		Test Design by: Kaniz Fatima		
Test Priority: High		Test Executed by: Kaniz Fatima		
Module Name: Checkout		Test Execution date:24/08/23		
Test Title: Test checkout process is working or not.				
Description: Checkout should be working properly.				
Precondition (If any): There must be any chosen items in the cart.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the Chaldal website 2. Click on "Items" 3. Click on "Place Order" 4. Choose expected delivery time and location.	Products in carts	Order should be placed after the completion of Checkout process.	As expected,	Pass
Post Condition: Order status should be seen as 'Processing'.				

Project Name: Chaldal Test Case ID: C_PAY_2		Test Design by: Tahsin Alahi Rudro		
Test Priority: High		Test Executed by: Tahsin Alahi Rudro		
Module Name: Payment Procedure Test Title: Test payment process is working or not.		Test Execution date:24/08/23		
Description: After checkout, test payment process.				
Precondition (If any): Checkout should be done first.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the Chaldal website 2. Click on "Profile" 3. Click on "Your Order" 4. Click on the order that has completed checkout session. 5. Click on "Change Payment" 6. Select between Debit/Credit card, International card, Bkash or Nagad 7. Select Card 8. Input Card number and complete the process	Card: 1452 1545 9764 6 Expire date: 12/12 card CSC: 123	Payment should be failed due to incorrect Card information.	As expected,	Pass
Post Condition: Order status should be seen as 'Processing'.				

Project Name: Chaldal Test Case ID: Recipe_BuyAll_Test-1		Test Design by: Tahsin Alahi Rudro		
Test Priority: Medium		Test Executed by: Tahsin Alahi Rudro		
Module Name: Recipe Test Title: Test all ingredients are added or not.		Test Execution date:24/08/23		
Description: After selecting a recipe check all the correct items are added to cart or not.				
Precondition (If any): A recipe must be chosen.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Go to 'Recipes' from Menu bar 3. Select a category. 4. Select a recipe. 5. Click on 'Add Ingredients to Shopping Bag'	Recipe: Beef with pulses	All the items related to that recipe must be add on Items.	As expected,	Pass
Post Condition: Bill status should be shown.				

Project Name: Chaldal Test Case ID: Offer_Test-1		Test Design by: MD. Fardin Ahasan		
Test Priority: Low		Test Executed by: MD. Fardin Ahasan		
Module Name: Offer Test Title: Test available number of product is showing to the user or not.		Test Execution date:25/08/23		
Description: Checks for offers and the correct number of products available to the user matches the number of products mentioned to the user.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Check the number of items showing for each category and select one. 3. Check the number of items displaying to the user	Offer products	Number of products mentioned Should matches the displayed items	As expected,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: Offer_Category_Test-2		Test Design by: MD. Fardin Ahasan		
Test Priority: Low		Test Executed by: MD. Fardin Ahasan		
Module Name: Offer Test Title: Test filter category is working or not.		Test Execution date:25/08/23		
Description: Checks for offers and filters are working correctly or not.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Go to offers 3. Click preferred filter category 4. Click on clear filter.	Offer products	All the filters should work properly and show selected filtered products only.	As expected,	Pass
Post Condition: User should add product from that filtered cart.				

Project Name: Chaldal Test Case ID: EggClub_LinksandButtonsTest-1		Test Design by: MD. Fardin Ahasan		
Test Priority: Low		Test Executed by: MD. Fardin Ahasan		
Module Name: Egg Club		Test Execution date:25/08/23		
Test Title: Test Egg Club option working correctly or not.				
Description: Checks the Egg Club option that it shows the exact details, TIERs and FAQs.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Go to 'Egg Club'		Egg club Point history, TIERs, FAQs should be shown perfectly.	As expected,	Pass
Post Condition:				

Project Name: Chaldal Test Case ID: DailyDeals_Test-1		Test Design by: MD. Mahfuzur Rahman		
Test Priority: Low		Test Executed by: MD. Mahfuzur Rahman		
Module Name: Daily Deals		Test Execution date:25/08/23		
Test Title: Test Daily Deals option working correctly or not.				
Description: Checks the Daily Deals option that it shows deal time counter, offer products and FAQs.				
Precondition (If any): There must be some deal upon any product daily.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Go to 'Daily Deals'		Deal time counter should work properly and should show offer products and FAQs.	As expected,	Pass
Post Condition: User can get those deals.				

Project Name: Chaldal Test Case ID: DailyDeals_Test-2		Test Design by: MD. Mahfuzur Rahman			
Test Priority: Low		Test Executed by: MD. Mahfuzur Rahman			
Module Name: Daily Deals Test Title: Test Daily Deal's activation.		Test Execution date:25/08/23			
Description: Checks the Daily Deals is activated with a required order or not.					
Precondition (If any): There must be some deal upon any product daily.					
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Select any items that would be more than the required amount of daily deals. 3. Go to 'Daily Deals'	Product: Green Apple	After ordering required amount of order, Daily deals must be activated.	As expected,	Pass
Post Condition: User can get those deals.					

Project Name: Chaldal Test Case ID: Pharmacy_LinkTest_Test-1		Test Design by: Kaniz Fatima			
Test Priority: Medium		Test Executed by: Kaniz Fatima			
Module Name: Pharmacy Test Title: Test all options under Pharmacy is working or not.		Test Execution date:24/08/23			
Description: Checks the Pharmacy section and check all the options under that.					
Precondition (If any):					
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Click on Pharmacy 3. Click few options under Pharmacy		All the sections under Pharmacy should show correct result.	As expected,	Pass
Post Condition:					

Project Name: Chaldal Test Case ID: Pharmacy_UploadPrescription_Test-2		Test Design by: Tahsin Alahi Rudro		
Test Priority: Medium		Test Executed by: Tahsin Alahi Rudro		
Module Name: Pharmacy Test Title: Test that user can upload Prescription or not.		Test Execution date:24/08/23		
Description: Checks user can upload and verify their Prescription in the Upload Prescription Section in the Pharmacy caegory.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to Chaldal website. 2. Click on 'Pharmacy' 3. Click on 'Upload Your Prescription' 4. Click on 'Add New Prescription' 5. Click on 'Upload Photo'	Prescription Image	A photo should be upload and go for review.	As expected,	Pass
Post Condition: User should get replies.				

Project Name: Chaldal Test Case ID: FoodAid_Donate_Test-1		Test Design by: Tahsin Alahi Rudro		
Test Priority: High		Test Executed by: Tahsin Alahi Rudro		
Module Name: FoodAid		Test Execution date:8/25/2023		
Test Title: Verify that the specified amount is on invoice for the type of transaction the user selects.				
Description: The user can specify the amount the user wants to donate and check whether the specified amount is on the transaction invoice.				
Precondition (If any): The user needs to have an online Banking account such as Bkash or Credit Card.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Open page and select FoodAid. 2. Click on Donate button. 3. Click on the amount of money the user wants to donate. 4. Give the specified amount and click on donate. 5. Select the transaction type. 6. Provide the phone number and check the amount.	123	The user is able to donate the specified amount which the user gave input.	As expected,	pass
Post Condition: The user will receive a transaction receipt				

Project Name: Chaldal Test Case ID: FoodAid_Request_Test-2		Test Design by: Tahsin Alahi Rudro		
Test Priority: High		Test Executed by: Tahsin Alahi Rudro		
Module Name: FoodAid		Test Execution date:8/25/2023		
Test Title: Verify that the user is providing correct mobile number				
Description: The user has to provide the correct mobile number to request for Food Aid				
Precondition (If any): The user needs to have a registered phone number.				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Open page and select FoodAid. 2. Click on Request Food Aid button. 3. Provide mobile number. 4. Provide OTP that the user received	1232	An error "Invalid mobile number" is shown	As expected,	Pass
	01727566775	The user receives an OTP	As expected,	pass
Post Condition: Receive an OTP				

Project Name: Chaldal Test Case ID: Item_PHA-1		Test Design by: Tahsin Alahi Rudro		
Test Priority: High		Test Executed by: Tahsin Alahi Rudro		
Module Name: Item Box's Test Title: Test Item Box's		Test Execution date:8/25/2023		
Description: Test website item box, where all the selected product gathered. We can increase and decrease the items in the list. From here we can go to the order segment.				
Precondition (If any): Inventory should not be empty				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on Pharmacy 3. Select some products in pharmacy 4. Select their quantity 5. Click on the side item box 6. Check all the products are stored or not. 7. Try to increment or decrements product quantity and check if total cost also change with the activity. 8. Check order button	Products	All product should be listed here. After increment or decrement quantity total prices should changing frequently. In the end order button is visible	As expected,	pass
Post Condition: User able to place the order				

Project Name: Chaldal Test Case ID: Item_Box_PHA-2		Test Design by: Tahsin Alahi Rudro		
Test Priority: High		Test Executed by: Tahsin Alahi Rudro		
Module Name: Items Box Test Title: verify I sign, special code and close button		Test Execution date: 8/25/2023		
Description: check all the features response.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on Pharmacy 3. Select items box 4. Click on the I signed button 5. Click on the special code button 6. Give a code 7. Click go 8. Click Close	Code: chaldal200	code will not applicable. After clicking the I signed button a pop up should be visible of delivery charge. Lastly click on close button side item box will be collapse.	As expected	pass
Post Condition:				

Project Name: Chaldal Test Case ID: Link_Grosery		Test Design by: Fardin Ahsan		
Test Priority: High		Test Executed by: Fardin Ahsan		
Module Name: Responsive link Test Title: Test Links		Test Execution date: 8/26/2023		
Description: successfully login to the system.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on Grocery 3. Click on any category 4. Select any kind of food 5.Click Fresh vegetables	Deshi Peyaj, Potato regular	All the links are providing the targeted view page.	As expected,	pass
Post Condition:				

Project Name: Chaldal Test Case ID: ORDER_PHA_1		Test Design by: Fardin Ahsan		
Test Priority: High		Test Executed by: Fardin Ahsan		
Module Name: Order Test Title: Testing Order Procedure		Test Execution date:8/25/2023		
Description: By selecting a product, check the full process of order the product.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on Pharmacy 3. Select a product 4. Set the quantity 5. Click on place order 6. Set the address 7. Set the delivery schedule 8. Click on proceed	Select some medicine for order. Use current location for address Set delivery schedule to 9pm-10pm	order will be on process in 'your orders' option.	As expected,	pass
Post Condition:				

Project Name: Chaldal Test Case ID: Pharmacy_UploadPrescription_Test-2		Test Design by: Fardin Ahsan		
Test Priority: High		Test Executed by: Fardin Ahsan		
Module Name: Pharmacy Test Title: Check that the upload button works and that the user can add more prescriptions.		Test Execution date:8/25/2023		
Description: Under Upload Your Prescription in the Pharmacy Category, the user can add a new prescription for review.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Open page and select pharmacy category. 2. Click on "Upload your prescription." 3. Click on Add new prescription. 4. Click on Upload 5. Click on Add More	Prescription Image	The user can add prescriptions and send them for review.	As expected	pass
Post Condition: The user will receive feedback from verified professional chemists (as recommended by Chaldal).				

Project Name: Chaldal Test Case ID: Pharmacy_DeletePrescription _Test-3		Test Design by: Fardin Ahsan		
Test Priority: Medium		Test Executed by: Fardin Ahsan		
Module Name: Pharmacy Test Title: Verify that the delete button is working.		Test Execution date: 8/25/2023		
Description: The user can remove previously added prescriptions.				
Precondition (If any):				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Open page and select pharmacy category. 2. Click on "Upload your prescription." 3. Click on View Details of the prescription the user wants to remove. 4. Click on Remove Prescription		The user is able to remove prescriptions	As expected,	pass
Post Condition: The prescription will remove automatically.				

Project Name: Chaldal Test Case ID: SRC_PHA_1		Test Design by: Tahsin Alahi rudro		
Test Priority: Medium		Test Executed by: Tahsin Alahi Rudro		
Module Name: Product search Test Title: Search by name and category		Test Execution date: 8/25/2023		
Description: Check the entire ordering process by selecting a product.				
Precondition (If any): Inventory cannot be empty				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on Pharmacy 3. Click on search bar	Eye drop	It will continuously suggest search-related products.	As expected,	pass
Post Condition:				

Project Name: Chaldal Test Case ID: SRC_PHA_2		Test Design by: Tahsin Alahi Rudro		
Test Priority: Medium		Test Executed by: Tahsin Alahi Rudro		
Module Name: Product search Test Title: Search by name and category		Test Execution date: 8/25/2023		
Description: Check the entire ordering process by selecting a product				
Precondition (If any): Inventory cannot be empty				
Test Steps	Test Data	Expected Result	Actual Result	Status
1. Go to the website 2. Click on Pharmacy 3. Click on search bar	Jasdkjs, 16151655, A#@%	After searching for meaningless words, it should provide a message to those searching for meaningful things.	It displayed a popup window where you could request it as a product.	pass

8. ITEM PASS FAIL CRITERIA

The following are the pass/fail criteria for each item in this project:

The principal investigator's recommendations will guide decision-making; the software framework cannot be removed until all critical bugs are fixed; a predetermined percentage of successfully completed test cases, such as 96%, determines whether the item can proceed; and final approval to release the program depends on assessment by the test lead and project manager, taking into account overachievement. These standards provide as a benchmark for deciding if each item is successful or unsuccessful, guaranteeing alignment with the objectives, specifications, and quality standards of the project.

9. TESTING SCHEDULE

Date / Tasks	20/08/23	21/08/23	22/08/23	23/08/23	24/08/23	25/08/23	26/08/23
Documentation	▬▬						
Design		▬▬					
Test Plan			▬▬				
Testing				▬▬▬▬▬▬▬			
Project completion						▬▬	
Feedback							▬▬

10. CONCLUSION

In conclusion, the goal of this project was to improve the functionality and user experience of the Chaldal website. To make sure the website's functionality, responsiveness, compatibility, and performance met the required standards, numerous system features and quality factors were thoroughly tested and analyzed. A useful tool for automating tests, tracking page load times, and rating responsiveness is the Selenium IDE Chrome extension. The item pass/fail criteria offered precise instructions for determining the project's success, including finishing all test cases, getting the principal investigator's recommendations, fixing critical bugs, reaching a predetermined percentage of finished tests, and getting approval from the test lead and project manager. The project team may safely decide on the launch and enhancement of the website by adhering to these standards, thereby improving the user experience for visitors to Chaldal website.