American International University-Bangladesh (AIUB)

Department of Computer Science

Faculty of Science &Technology (FST)

SPRING 22-23

Section: F

Software Quality Assurance and Testing

Amazon.com

A Report
By

SN	Student Name	Student ID
1	FAIRUZ ZAHIN SNEHA	20-41912-1
2	MARMITA PAUL	20-42037-1
3	ABDULLAH AL MAHDI	20-43084-1
4	KASHFIA AZAD TUBA	20-44135-2

Under the supervision of

Israt Jahan Mouri
Assistant Professor, Dept of CS
AIUB

Software Test Plan

for

<Amazon.com>

Version 1.0 approved

Prepared by <Group 5>

< American International University-Bangladesh >

<15.04.2023>

Checked By Industry Personnel

Name:

Designation:

Company:

Sign:

Date:

Table of Contents

Revision History

Revision	Date	Updated by	Update Comments
0.1	28.05.2023	Abdullah Al Mahdi	First Draft
0.2	01.05.2023	Fairuz Zahin Sneha	Second Draft
0.3	03.05.2023	Marmita Paul	Third Draft
0.4	08.05.2023	Kashfia Azad Tuba	Fourth Draft

1. TEST PLAN IDENTIFIER: AZN_T1.5

2. REFERENCES

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

3. INTRODUCTION

Background to the Problem

- o Amazon.com is one of the largest online retailers in the world. With millions of daily users, the website offers a vast array of products and services. The purpose of this project is to test the features of the Amazon.com website to ensure that it meets the quality standards set by the stakeholders.

- o The Amazon.com website is constantly evolving to meet the needs of its users. However, with the increasing complexity of the website, there is a higher risk of defects and errors in the software. The root cause of this problem is the need to ensure that the website functions as intended, provides a positive user experience, and meets the expectations of the stakeholders.

Solution to the Problem

- o The proposed solution is to conduct a comprehensive testing effort to identify and resolve any defects and errors in the software. This solution is appropriate because it will ensure that the website meets the quality standards set by the stakeholders and provides a positive user experience. Additionally, it is feasible to meet the business objective as it will help increase customer satisfaction and loyalty.

- o The Amazon.com website is an e-commerce platform that offers a wide range of products and services to customers. Its purpose is to provide a convenient and secure online shopping experience for users. The website allows users to browse, search, and purchase products and services, as well as access other features such as customer reviews, recommendations, and personalized content.

- o There are several existing software solutions available to solve the aforementioned problem. These solutions include manual testing, automated testing, and crowd-sourced testing. Additionally, there are several studies available on the testing of e-commerce websites, which can provide valuable insights into the best practices and techniques for testing the Amazon.com website.

4. REQUEIREMNT SPECIFICATION

4.1 System Features

1. **System Login**
   Functional Requirements
   > 1.1 The software shall allow users to login with their given username and password
   > 1.2 If the username and/or password has been inserted wrong for more than three times, the random verification code will be generated by the system to retry login.
   > 1.3 If the number of login attempt exceed its limit (5 times), the system shall block the user account login for one hour

   Priority Level: High
   Precondition: user have valid user id and password

2. **Product Search**
   Functional Requirements
   > 2.1 The software shall allow users to search for products using keywords or product names.
   > 2.2 The search results shall display product information, such as the product name, description, price, and availability.
   > 2.3 The search results shall allow users to filter products by category, brand, price range, and customer ratings.

   Priority Level: High
   Precondition: User is on the Amazon.com website.

3. **Product Purchase**
   Functional Requirements
   > 3.1 The software shall allow users to add products to their cart.
   > 3.2 The software shall calculate the total purchase price including taxes, shipping fees and discounts
   > 3.3 The software shall allow users to select the payment method and complete the purchase transaction.

   Priority Level: High
   Precondition: User is logged in and has a valid payment method associated with their account.

4. Product reviews
   Functional Requirements
       4.1 The software shall allow users to submit product reviews and ratings.
       4.2 The reviews shall display the user's name, the review title, and the review content.
       4.3 The reviews shall be displayed on the product page and sorted by helpfulness, date, and rating.

Priority Level: Medium
Precondition: User is logged in and has purchased the product.

5. Order Tracking
   Functional Requirements
       5.1 The software shall allow users to track their orders.
       5.2 The software shall display the order status, tracking information, and estimated delivery date.
       5.3 The software shall provide notifications to users regarding changes in the order status.

Priority Level: High
Precondition: User has placed an order and has a valid tracking number.

6. Account Management
   Functional Requirements
       6.1 The software shall allow users to create and manage their account settings.
       6.2 The software shall display the order status, tracking information, and estimated delivery date.
       6.3 The software shall provide notifications to users regarding changes in the order status.

Priority Level: High
Precondition: User is logged in to their Amazon.com account.

7. Wishlist
   Functional Requirements
       7.1 The software shall allow users to create and manage their wish list.
       7.2 The software shall allow users to add products to their wish list.
       7.3 The software shall allow users to share their wish list with other users.

Priority Level: Medium
Precondition: User is logged in to their Amazon.com account.

8. Product Recommendations

Functional Requirements

8.1 The software shall allow users to track their orders.

8.2 The software shall display the order status, tracking information, and estimated delivery date.

8.3 The software shall provide notifications to users regarding changes in the order status.

Priority Level: High

Precondition: User has placed an order and has a valid tracking number.

9. Customer Service

Functional Requirements

9.1 The software shall provide customer service support to users.

9.2 The customer service support shall be available through email, phone, and chat.

9.3 The software shall provide an FAQ section to address common issues and questions.

Priority Level: High

Precondition: User is on the Amazon.com website

10. Gift Cards

Functional Requirements

10.1   The software shall allow users to purchase and redeem gift cards.

10.2   The gift cards shall be available in various denominations and designs.

10.3   The software shall allow users to check their gift card balance.

Priority Level: Medium

Precondition: User is logged in to their Amazon.com account.

11. Shipping Options

Functional Requirements

11.1   The software shall provide various shipping options to users.

11.2   The shipping options shall include standard, expedited, and same-day shipping.

11.3   The software shall calculate the shipping fees based on the user's location and the selected shipping option.

Priority Level: High

Precondition: User has added products to their cart and is logged in to their Amazon.com account.

12. One-Click Purchase

Functional Requirements

12.1   The software shall allow users to purchase products with one click.

12.2   The one-click purchase option shall be available for products that are eligible.

12.3   The software shall use the default payment and shipping information for the user when using the one-click purchase option.

Priority Level: High

Precondition: User is logged in to their Amazon.com account and has previously added a default payment and shipping information.

13. User Reviews and Ratings

Functional Requirements

13.1   The software shall allow users to leave reviews and ratings for products they have purchased.

13.2   The reviews and ratings shall be displayed on the product page.

13.3   The software shall allow users to filter reviews by ratings, most recent, and most helpful.

Priority Level: High

Precondition: User is logged in to their Amazon.com account and has previously purchased the product.

14. Amazon Prime

Functional Requirements

14.1   The software shall allow users to subscribe to Amazon Prime membership.

14.2   The Amazon Prime membership shall provide free and fast shipping, access to streaming services, and exclusive deals.

14.3   The software shall automatically renew the Amazon Prime membership until the user cancels.

Priority Level: High

Precondition: User is on the Amazon.com website.

15. Gift Wrapping

Functional Requirements

15.1   The software shall allow users to add gift wrapping for their products.

15.2   The gift-wrapping option shall be available for eligible products.

15.3   The software shall calculate the gift-wrapping fees based on the user's location and the selected gift-wrapping option.

Priority Level: Medium

Precondition: User has added products to their cart and is logged in to their Amazon.com account.

16. Product Comparison

Functional Requirements

    16.1   The software shall allow users to compare multiple products side-by-side.

    16.2   The product comparison feature shall display product specifications, prices, and ratings.

    16.3   The software shall allow users to add products to their cart directly from the product comparison page.

Priority Level: High

Precondition: User is on the Amazon.com website and has added multiple products to compare.

4.2 System Quality Attributes

o **Usability:** A new user shall be able to create an account and complete their first purchase in less than 10 minutes. The search function shall return relevant results within 2 seconds for 90% of search queries.

o **Performance**: The website shall have a page load time of 3 seconds or less for 90% of website visitors.

o **Scalability:** The software shall be able to scale up or down quickly and easily to respond to changing user demand.

o **Maintainability:** The software shall have clear and concise code documentation to facilitate maintenance and updates. The software shall be designed to minimize dependencies to prevent cascading failures and reduce maintenance complexity.

o **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.

o **Compatibility:** The software shall be compatible with multiple web browsers, including popular ones such as Google Chrome, Mozilla Firefox, and Safari. The software shall be designed to support multiple operating systems, including Windows, MacOS, and Linux.

o **Flexibility:** The software shall be designed to accommodate future changes and updates, such as new products, services, or features.

o **Interoperability**: The software shall be able to interface with third-party services, such as payment gateways, shipping providers, or customer relationship management systems.

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 Delivery times and shipping speeds for international customers, since they can vary widely depending on the destination country and local customs procedures.
- o Offline customer service channels, such as telephone support or in-person returns at physical Amazon retail stores.
- o Third-party seller products that are fulfilled by Amazon, as they may have their own unique return policies and procedures.
- o Amazon Prime subscription services, as they are separate from the core e-commerce functionality of the website and require a separate subscription.
- o User-generated content such as product reviews and ratings, as they are largely outside of Amazon's control and may contain subjective or inaccurate information.
- o The reliability and quality of internet connections or devices used by customers to access the website, as these are outside of Amazon's control and may affect the user experience.
- o The accuracy of product information provided by third-party sellers, as Amazon relies on them to provide accurate information about their products.
- o The availability of specific products or product variations, as stock levels can fluctuate frequently and are subject to factors such as demand and supply chain disruptions.
- o Accessibility for users with specific disabilities, as this may require specialized testing and expertise that is outside of the scope of the project.
- o Third-party integrations or plugins that users may have installed on their browsers, as these can affect the user experience and are outside of Amazon's control

6. TESTING APPROACH

6.1 Testing Levels

- o SYSTEM 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).

6.2 Test Tools

The only test tools to be used are the standard AS/400 provided utilities and commands.

- o Selenium IDE mostly functions as a browser extension. It is typically used by test case developers to record and run test cases. It features an easy-to-use interface for running test cases, allows for the reuse of test cases, and can-do control flow tests. It is mostly used for automated testing.

6.3 Meetings

Throughout our interaction, we have maintained consistent communication using the Microsoft Teams group chat platform, enabling us to exchange opinions and ideas effectively. The details are provided below.

Table 1: Meetings date, topic and duration

Meeting Date	Meeting Topic	Meeting Duration
13/4/2023	Topic Select	40 minutes
20/4/2023	Select selenium features for testing	1hour 40 minutes
5/5/2023 & 8/5/2023	Discuss about selenium feature test	2 hour 15 minutes 19 sec & 2hour 36 sec
15/5/2023	Review overall project and merge it in on document	3 hours 56 minutes 21 sec

7. TEST CASES/TEST ITEMS

Table 2: Verify the User's Sign in Functionality

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_ 01	Test Designed date:14/5/2023
Test Priority: High	Test Executed by: Kashfia Azad Tuba
Module Name: Sign In	Test Execution date:14/5/2023

Test Title: Verify the User's Sign in Functionality

Description: Test the functionality of signing in as a user with email or number and password on the Amazon website.

Precondition (If any): The user is on the Amazon website's home page and already having an account on Amazon and ensure that internet connection is available

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Sign in option 3. Select the email or Number box 4. Then fulfill the credential of correct email or number 5. Then type the correct password on the given box 6. Then select the "Log in" button	Existing email and password on the given credentials	The Amazon website should load and the user should login into her/his account	As expected,	Pass

Post Condition: The functionality of signing in as user verifies and opens up all the other pages on the website.

Table 3: Verify Search functionality

Project Name: Amazon			Test Designed by: Kashfia Azad Tuba		
Test Case ID: AMZ_02			Test Designed date:14/5/2023		
Test Priority High			Test Executed by: Kashfia Azad Tuba		
Module Name: Search			Test Execution date:15/5/23		
Test Title: Verify Search functionality					
Description: Test the functionality of searching any product on the Amazon website					
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available					
Test Steps	Test Data	Expected Results		Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Search bar from the ribbon menu 3. Click on the desired product and check if it takes to that page	Select Search Bar	The Amazon website should load and the Amazon website should display the searched product		As expected,	Pass
Post Condition: After typing anything on the search bar, it gets saved in the dropdown menu as history.					

Table 4: Verify if Add to Cart functionality work fine or not

Project Name: Amazon		Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_03		Test Designed date:14/5/2023
Test Priority High		Test Executed by: Kashfia Azad Tuba
Module Name: Add to cart		Test Execution date:15/5/23
Test Title: Verify if Add to Cart functionality work fine or not		
Description: Test the functionality of Add to Cart functionality on the Amazon website		
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available		
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Cart bar from the ribbon menu 3. Click on the desired product and click on add to cart	Select Cart Box at the top right corner	The Amazon website should load and the Amazon website should display the add to cart option	As expected,	Pass

Post Condition: After a product on the cart, it gets saved in the added list.

Table 5: Verify the Account management such as update user accounts, manage payment methods, and view order history.

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_04	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Account management	Test Execution date:15/5/23

Test Title: Verify the Account management such as update user accounts, manage payment methods, and view order history.

Description: Test the functionality of update user accounts on the Amazon website

Precondition (If any): The user is on the Amazon website and ensure that internet connection is available

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select "Your Account" from the ribbon menu 3. Click on Your Profile 4. Do any of the desired changes and check if it updated to that page	Select "Your Account" and then "Your Profile" and Update User Name	The Amazon website should load and display Updated Name	As expected,	Pass

Post Condition: After carrying out any changes into the profile, it gets saved and updated in the user's account for the rest of the uses.

Table 6: Verify Site navigation functionality

Project Name: Amazon			Test Designed by: Kashfia Azad Tuba		
Test Case ID: AMZ_05			Test Designed date:14/5/2023		
Test Priority High			Test Executed by: Kashfia Azad Tuba		
Module Name: Browsing			Test Execution date:15/5/23		
Test Title: Verify Site navigation functionality					
Description: Test the functionality of moving and browsing around at any pages to find any product on the Amazon website					
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available					
Test Steps	Test Data	Expected Results		Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Scroll through the pages and website 3. Select option from the ribbon menu 4. Click on the desired option and check if it takes to that page	Browsing the website while scrolling through the pages and products.	The Amazon website should load and the Amazon website should display all the options in the clicked option.		As expected,	Pass
Post Condition: After selecting anything on that option, it traverses thoroughly and swiftly.					

Table 7: Verify Link navigation functionality

Project Name: Amazon			Test Designed by: Kashfia Azad Tuba		
Test Case ID: AMZ_06			Test Designed date:14/5/2023		
Test Priority High			Test Executed by: Kashfia Azad Tuba		
Module Name: Browsing			Test Execution date:15/5/23		
Test Title: Verify Link navigation functionality					
Description: Test the functionality of moving and browsing around at any links provided in the pages to find any product on the Amazon website					
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available					
Test Steps	Test Data	Expected Results		Actual Results	Status (Pass/Fail)

1. Go to the Amazon website 2. Scroll through the pages and website 3. Select any link option from the menu 4. Click on the desired option and check if it takes to that link address provided	Browsing the website while scrolling through the pages with links to those sites are provided.	The Amazon website should load and the Amazon website should display all the options in the destination link.	As expected,	Pass

Post Condition: After selecting anything on that option, it traverses between the links thoroughly and swiftly.

Table 8: Verify Page loading and responsiveness

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_07	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Browsing	Test Execution date:15/5/23

Test Title: Verify Page loading and responsiveness

Description: Test the functionality of moving and browsing around at any pages to find any product on the Amazon website

Precondition (If any): The user is on the Amazon website and ensure that internet connection is available

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Scroll through the pages and website 3. Click on the desired option and check if it takes to that page	Browsing the website while scrolling through the pages to look if they load on time.	The Amazon website should load and the Amazon website should display all the details in the clicked option and response accordingly.	As expected,	Pass

Post Condition: After selecting anything on that option, it traverses thoroughly and swiftly.

Table 9: Verify dropdown beside the Search functionality

Project Name: Amazon			Test Designed by: Kashfia Azad Tuba	
Test Case ID: AMZ_08			Test Designed date:14/5/2023	
Test Priority High			Test Executed by: Kashfia Azad Tuba	
Module Name: select the All dropdown for Search			Test Execution date:15/5/23	
Test Title: Verify dropdown beside the Search functionality				
Description: Test the functionality of dropdown button before searching any product on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select All drop-down arrow beside the Search bar from the ribbon menu 3. Click on the desired option and check if it takes to that page	Select down arrow with all Search options	The Amazon website should load and the Amazon website should display all the options in the All options of the shops	As expected,	Pass
Post Condition: After selecting anything on that all option, it gets saved in the dropdown menu.				

Table 10: Verify the Toda's Deal functionality

Project Name: Amazon			Test Designed by: Kashfia Azad Tuba	
Test Case ID: AMZ_09			Test Designed date:14/5/2023	
Test Priority High			Test Executed by: Kashfia Azad Tuba	
Module Name: Today's Deal			Test Execution date:15/5/23	
Test Title: Verify the Toda's Deal functionality				
Description: Test the functionality of Deal button before looking into today's update on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

1. Go to the Amazon website 2. Select the Today's Deal from the ribbon bar 3. Click on the option and check if it takes to that page	Select the Today's Deal button from many options in the ribbon	The Amazon website should load and the Amazon website should display all the options in the All options of the shops	As expected,	Pass

Post Condition: After selecting anything on that all option, it takes to the deals and offers for the particular day from where we can choose many options and products.

Table 11: Verify the discount Toda's Deal functionality

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_10	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: up to 69% off in Today's Deal	Test Execution date:15/5/23

Test Title: Verify the discount Toda's Deal functionality			
Description: Test the functionality of discount button on the Today's Deal option for looking into update on the Amazon website			
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available			
Test Steps	Test Data	Expected Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select the Today's Deal from the ribbon bar 3. Scroll down to look into the details of the product. 4. Click on the "up to 69% off" option and check if it takes to that page	Select the discount button Today's Deal button from many options in the ribbon	The Amazon website should load and the Amazon website should display all the options in the All options of the shops	Pass

Post Condition: After selecting anything on that all option, it takes to the deals and offers for the particular day from where we can choose many options and products.

Table 12: Verify Careers

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_11	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Get to know us	Test Execution date:15/5/23

Test Title: Verify Careers			
Description: Test the functionality of the Careers options on the bottom-line ribbon of the Amazon website			
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available			
Test Steps	Test Data	Expected Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Stay on the Home page 3. Scroll down to look into the details of the product. 4. Go at the bottom list. 5. Click on the Careers on Get to know us	Careers data on the "Get to Know us" ribbon	The Amazon website should load and the Amazon website should display the options of Find Jobs with two boxes and a search button.	Pass
Post Condition: After selecting anything on that all option, it asks you to type any jobs using title or keyword along with the locations.			

Table 13: Verify that user can successfully login to their account

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_12	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Login	Test Execution date:15/5/23

Test Title: Verify that user can successfully login to their account.				
Description: Test the functionality ensure that users can successfully login to their account and access the features.				
Precondition (If any): User is on the Amazon registration page.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

| 1. Enter valid email/phone number in the "Email or mobile phone number" field.
 2. Click on the "Continue" button.
 3. Enter valid password in the "Password" field.
 4. Click on the "Sign-In" button. | Valid email/phone number: example@example.com or "1234567890" Valid password: "P@sswOrd" | The email/phone number should be accepted and no error message should be displayed | As expected, | Pass |

Post Condition: After login , user has access to their order history, saved address, payment methods, and other account related features.

Table 14: Verify the password requirements and functionality in registration process.

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_13	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Password	Test Execution date:15/5/23

Test Title: Verify the password requirements and functionality during the amazon registration process.

Description: A password is a crucial security component used to authenticate and protect user accounts .

Precondition (If any): User is on the Amazon registration page.

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Enter a password in the "Password" field following requirements. 2. Click on the "Next" or "Continue" button.	Example of valid password: "P@sswOrd" or "S3cure@password"	The password should meet the specified requirements and be accepted without any error messages.	As expected,	Pass

Post Condition: The password is securely stored in the Amazon database, also meets the specified requirements for length and complexity.

Table 15: Verify the handling of wrong credentials during the amazon login process

Project Name: Amazon		Test Designed by: Kashfia Azad Tuba		
Test Case ID: AMZ_14		Test Designed date:14/5/2023		
Test Priority High		Test Executed by: Kashfia Azad Tuba		
Module Name: Wrong credentials		Test Execution date:15/5/23		
Test Title: Verify the handling of wrong credentials during the amazon login process.				
Description: Wrong credentials focuses on verifying how Amazon handles incorrect or invalid credentials during the login process. .				
Precondition (If any): User is on the Amazon login page.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Enter an invalid email/phone number in the "Email or mobile phone number" field 2. Click on the "Continue" button. 3. Enter an invalid password in the "Password" field. 4. Click on the sign in button.	Invalid email/phone number: wrongemail@gmail.com or "123456789" Invalid password: "wrongpassword"	An appropriate error message should be displayed indicating that the email/phone number is incorrect or not recognized.	As expected,	Pass
Post Condition: An appropriate error message is displayed indicating that the entered email/phone number is incorrect or not recognized.				

Table 16: Verify the functionality of searching for a product on Amazon using keywords and category filters.

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_15	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Searching product using keyword, categorical	Test Execution date:15/5/23
Test Title: Verify the functionality of searching for a product on Amazon using keywords and category filters.	
Description: The functionality of searching for a product on Amazon using keywords and category filters.	
Precondition (If any): User is on the Amazon homepage or search page.	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Enter a valid keyword related to the desired product in the search bar. 2. Press the enter key or click on the search button. 3. Verify that the search results page is displayed, showing relevant products based on the entered keyword. 4. Verify that the search results update accordingly based on the selected category or refinement.	Valid keyword "wireless headphones" or "smartphones" Valid category: "Electronics" or "Home & Kitchen"	The entered keyword should be accepted and the search query should be initiated without any errors	As expected,	Pass

Post Condition: The search results page is displayed, showing relevant products based on the entered keyword.

Table 17: Verify the functionality of searching on Amazon by applying filters to refine the search results

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_16	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Searching by filtering	Test Execution date:15/5/23

Test Title: Verify the functionality of searching on Amazon by applying filters to refine the search results.

Description: The functionality of searching on Amazon by applying filters to refine the search results.

Precondition (If any): User is on the Amazon search page.

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Enter a valid keyword related to the desired product in the search bar. 2. Press the enter key or click on the search button. 3. Verify that the search results page is displayed, showing	Valid keyword "laptop" or "running shoes" Filter options: Price range (e.g., $500-$1000), Brand (e.g., Apple) Customer ratings (e.g., 4 stars and above)	The entered keyword should be accepted and the search query should be initiated without any errors The search page should be	As expected,	Pass

relevant products based on the entered keyword. 4. Select one or more filters from the available options , such as price range, brand, customer ratings , or other relevant attributes.		displayed , listing products related to the keyword.		

Post Condition: The search results page is displays products that match the applied filters, refining the product options.

Table 18: Verify the functionality and layout of the Amazon browsing page

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_17	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: Browsing page	Test Execution date:15/5/23
Test Title: Verify the functionality and layout of the Amazon browsing page.	
Description: Verifying the functionality and layout of the Amazon browsing page	
Precondition (If any): User is logged into the Amazon account ; user is on the Amazon homepage or a specific category page	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Observed the layout of the browsing page , including header, navigation menu, search bar and footer. 2. Verify that the browsing page provides clear and intuitive navigation options to different product categories and sections of the website. 3. Click on various product categories and subcategories from the navigation menu or explore different sections of the browsing page.	Browsing page: Homepage Expected navigation options: Departments, Best sellers, New Release, Deals.	The browsing page layout is consistent, visually appealing and provides easy access to different sections of the websites. The navigation options are clear and intuitive, allowing users to browse and explore various product categories effectively.	As expected,	Pass

4. Scroll through the browsing page and observe the display of featured products, deals, recommendations or other relevant content.				

Post Condition: The search results page is displays products that match the applied filters, refining the product options.

Table 19: Verify the functionality of reviewing of the contents of the cart on Amazon

Project Name: Amazon		Test Designed by: Kashfia Azad Tuba		
Test Case ID: AMZ_18		Test Designed date:14/5/2023		
Test Priority High		Test Executed by: Kashfia Azad Tuba		
Module Name: Review of the cart contents		Test Execution date:15/5/23		
Test Title: Verify the functionality of reviewing of the contents of the cart on Amazon.				
Description: This function allows users to verify the item they have added to their cart, review the details and quantities of each item and make any necessary modifications before proceeding to checkout.				
Precondition (If any): User is on the Amazon account; user has added items to the cart				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click on the shopping cart icon or link to access the cart page. 2. Verify that the cart page is displayed showing a summary of the items added to the cart. 3. Review the total price calculation for all items in the cart, including any taxes, discounts or shipping costs.	Items added to the cart: Item A , Item B, Item C Quantity modification Item removal	Clicking on the shopping cart icon or link successfully redirects the user to the cart page. The cart page displays summary of the items added to the cart including the product name, price, quantity, and applicable options.	As expected,	Pass
Post Condition: The cart page remains accessible and retains the selected items , quantities and any modifications made during the review process.				

Table 20: Verify the functionality of reviewing of the contents of the cart on Amazon

Project Name: Amazon	Test Designed by: Kashfia Azad Tuba
Test Case ID: AMZ_19	Test Designed date:14/5/2023
Test Priority High	Test Executed by: Kashfia Azad Tuba
Module Name: User account updates.	Test Execution date:15/5/23

Test Title: Verify the functionality of reviewing of the contents of the cart on Amazon.

Description: The user account update feature on Amazon allows users to modify and update their account information, ensuring that their personal details, preferences, and settings are accurate and up to date.

Precondition (If any): User is logged in to their Amazon account.

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Navigate to the account settings or profile page. 2. Verify that the account settings or profile page is displayed. 3. Modify one or more user account details, such as name, email address, shipping address, or payment methods. 4. Save the changes or update the account. 5. Verify that the changes are successfully saved and the user account details are updated. 6. Logout from the Amazon account	Original account details: Name: John Doe, Email: johndoe@example. com, Shipping Address: 123 Main Street, City, Country Modified account details: Name: Jane Smith, Email: janesmith@exampl e.com, Shipping Address: 456 Elm Avenue, City, Country	The account settings or profile page is successfully accessed, providing options to update user account information. Modifying user account details, such as name, email address, shipping address, or payment methods, is possible. Saving the changes or updating the account successfully updates the user account details.	As expected,	Pass

Post Condition: The updated user account information is successfully saved and stored in the Amazon database.

Table 21: Verify the functionality of accessing and reviewing order history on Amazon

Project Name: Amazon		Test Designed by: Kashfia Azad Tuba		
Test Case ID: AMZ_20		Test Designed date:14/5/2023		
Test Priority High		Test Executed by: Kashfia Azad Tuba		
Module Name: Order history		Test Execution date:15/5/23		
Test Title: Verify the functionality of accessing and reviewing order history on Amazon				
Description: The order history feature on Amazon allows users to access and review their previous orders, providing a comprehensive record of their purchasing activity.				
Precondition (If any): User is logged in to their Amazon account, user has previous orders associated with their account				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Navigate to the account settings or order history page. 2. Verify that the order history page is displayed, showing the user's previous orders. 3. Select a specific order from the list to view the order details. 4. Verify that the order details page is displayed, showing the relevant information for the selected order. 5. Review the order details, including the order number, date of purchase, items ordered, quantities, prices, and any tracking or delivery information. 6. Check for any additional order-related information, such as payment method, shipping address, or gift options	Existing order(s) associated with the user's account.	The order history page is successfully accessed, displaying the user's previous orders. Selecting a specific order allows the user to view the detailed information for that order. The order details page accurately displays the relevant order information, including items ordered, prices, shipping information, and order status.	As expected,	Pass
Post Condition: The order history page is successfully accessed, displaying the user's previous orders in reverse chronological order. Selecting a specific order allows the user to view the detailed order information, including items ordered, quantities, prices, shipping information, and order status.				

Table 22: Compare with similar items

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC01	Test Designed date:13/05/23
Test Priority (Low, Medium, High): Medium	Test Executed by:13/05/23
Module Name: Similar items comparison	Test Execution date: Fairuz Zahin Sneha
Test Title: Compare with similar items	
Description: Compare items with others so that the best one can be picked	
Precondition (If any): Add the items or products into the cart	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website with valid user name and password 2. Click the cart option 3. Click compare with similar items	Any items can be compared with similar items Example: Echo dot kids	User should view the comparison between similar items	As expected,	Pass
Post Condition: User will able to choose the best products or items				

Table 23: Change the country or region

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC02	Test Designed date:13/05/23
Test Priority (Low, Medium, High): Medium	Test Executed by:13/05/23
Module Name: Country/region change	Test Execution date: Fairuz Zahin Sneha
Test Title: Change the country or region	
Description: change the country/region and go to that website	
Precondition (If any): none	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click change country/region 3. Click go to website	Country/region	User should change the country by clicking the option and should go to that website	As expected,	Pass
Post Condition: user will able to visit the website according to change the country				

Table 24: Search any items on search suggestions

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC03	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: search suggestions	Test Execution date: Fairuz Zahin Sneha
Test Title: Search any items on search suggestions	
Description: search items on search suggestions toolbar so that user find out the desired products or items	
Precondition (If any): none	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Write any items on search suggestions toolbar 3. Enter and go to that website	Any products or items Example: iPhone 14 pro max	User should search any items on search suggestions toolbar and should find the desired products	As expected,	Pass

Post Condition: user will able to see the desired items by search suggestions toolbar

Table 25: Product's image zoom

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC04	Test Designed date:13/05/23
Test Priority (Low, Medium, High): Medium	Test Executed by:13/05/23
Module Name: Product image zoom	Test Execution date: Fairuz Zahin Sneha
Test Title: Product's image zoom	
Description: User view the product in zoom by keeping the curser on that product	
Precondition (If any): none	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click any products 3. Keep the curser on that product	Test any product to keep the curser on that product	User should view the product's image zoom when they keep the curser on that product	As expected,	Pass

Post Condition: none

Table 26: Choose gift cards according to various occasion and view the details

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha		
Test Case ID: AMZ_TC05			Test Designed date:13/05/23		
Test Priority (Low, Medium, High): High			Test Executed by:13/05/23		
Module Name: Gift cards check			Test Execution date: Fairuz Zahin Sneha		
Test Title: Choose gift cards according to various occasion and view the details					
Description: User view the gift cards and choose any according to occasion and also view the details and select any price which are given.					
Precondition (If any): none					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the amazon website 2. Click gift cards 3. Click one card according to occasion 4. Then click that card and view details and select price	Any gift cards Example: Mother's Day	User should view the gift cards details and select the desired price which are given	As expected,	Pass	
Post Condition: User will able to view the selected gift cards details and price					

Table 27: Choose birthday gift cards and select the desired design and view the review and ratings

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha		
Test Case ID: AMZ_TC06			Test Designed date:13/05/23		
Test Priority (Low, Medium, High): High			Test Executed by:13/05/23		
Module Name: Gift cards check			Test Execution date: Fairuz Zahin Sneha		
Test Title: Choose birthday gift cards and select the desired design and view the review and ratings					
Description: User view the birthday gift cards with desired design and also view review and ratings					
Precondition (If any): Firstly, user need to go the gift card option and select the birthday gift card					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the amazon website 2. Click gift card option 3. Click birthday gift card	Birthday gift card	User should view the birthday gift cards and select the desired design and view the customer's review and ratings	As expected,	Pass	

Test Steps			
4. Select the desired design 5. Click the review and ratings			

Post Condition: User will able to view the birthday gift cards and also able to see the desired design and view customer's review and ratings

Table 28: Sort and filter review and ratings

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC07	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: Gift cards check	Test Execution date: Fairuz Zahin Sneha
Test Title: Sort and filter review and ratings	
Description: User can do sorting and filtering the review and ratings about the birthday cards	
Precondition (If any): Firstly, user need to go the gift card option and select the birthday gift card and view the customer review and ratings	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click gift card option 3. Click birthday gift card 4. Click the review and ratings 5. Sort and filter the review and ratings	Birthday gift card	User should view the birthday gift cards and should sort and filter the customer's review and ratings	As expected,	Pass

Post Condition: User will able to view the birthday gift cards and also able to see sorting and filtering the customer's review and ratings

Table 29: Subscribe and save feature and verify the result

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha		
Test Case ID: AMZ_TC08			Test Designed date:13/05/23		
Test Priority (Low, Medium, High): High			Test Executed by:13/05/23		
Module Name: subscribe and save feature for eligible products			Test Execution date: Fairuz Zahin Sneha		
Test Title: Subscribe and save feature and verify the result					
Description: User can select the products from subscribe and save option and they get discount on that product					
Precondition (If any): none					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the amazon website 2. Click subscribe and save option 3. Select the product 4. Add the product into the cart 5. Verify the discount	Any products from subscribe and save option	User should get the discount on the product which is selected from the subscribe and save option and added into the card	As expected,	Pass	
Post Condition: User will get discount on the product					

Table 30: Show product details and review and ratings and also sort and filter review and ratings

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha		
Test Case ID: AMZ_TC09			Test Designed date:13/05/23		
Test Priority (Low, Medium, High): High			Test Executed by:13/05/23		
Module Name: Product review and ratings			Test Execution date: Fairuz Zahin Sneha		
Test Title: Show product details and review and ratings and also sort and filter review and ratings					
Description: User view product details and view review and ratings and also sorting and filtering the review and ratings					
Precondition (If any): none					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the amazon website 2. Click any product 3. View the product details	Any product Example: Smart Watch	User should view the product details and should view review and ratings and also sort and filter the customer's review and ratings	As expected,	Pass	

4. Click and view the review and ratings 5. Sort and filter the review and ratings				

Post Condition: User will able to view product details and also able to see review and ratings which is already sorted and filtered

Table 31: Create favorite list

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC10	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: Create Favorite list	Test Execution date: Fairuz Zahin Sneha

Test Title: Create favorite list

Description: User can select the create list and then create a list by their desirable name

Precondition (If any): none

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click create list from the Accounts and lists toolbar 3. Give a name for the list 4. Click again create list		User should view the list which is created	As expected,	Pass

Post Condition: User will view the list which has been created

Table 32: Add multiple products into the list

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC11	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: Create Favorite list	Test Execution date: Fairuz Zahin Sneha
Test Title: Add multiple products into the list	
Description: User add multiple products to the list and view the list	
Precondition (If any): user have to create a list	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click create list from the Accounts and lists toolbar 3. Add multiple products to the list 4. View the list	Multiple products add to the list	User should able to add multiple products to the list and view the list	As expected,	Pass

Post Condition: User will view the list where multiple products are added

Table 33: Print the list

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC12	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: Create Favorite list	Test Execution date: Fairuz Zahin Sneha
Test Title: Print the list	
Description: User print the list where multiple products are added	
Precondition (If any): user have to create a list and add multiple products to the list	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Click create list from the Accounts and lists toolbar 2. Add multiple products to the list 3. Go more option and click print	Print the list	User should print the list and view that list	As expected,	Pass

Post Condition: User will view the print list where multiple products are added

Table 34: Sort and filter the list

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC13	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: Create Favorite list	Test Execution date: Fairuz Zahin Sneha
Test Title: Sort and filter the list	
Description: User sort and filter the list where multiple products are added	
Precondition (If any): user have to create a list and add multiple products to the list	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click create list from the Accounts and lists toolbar 3. Add multiple products to the list 4. Go filter and sort and select priority high to low and price (low to high) and (high to low)	Multiple products which are added in the list	User should view the list which are sorted and filtered	As expected,	Pass
Post Condition: User will view the sorted and filtered list where multiple products are added				

Table 35: Delete the item from the list

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC14	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: Create Favorite list	Test Execution date: Fairuz Zahin Sneha
Test Title: Delete the item from the list	
Description: User can delete any item from the list	
Precondition (If any): user have to create a list and add multiple products to the list	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click create list from the Accounts and lists toolbar 3. Add multiple products to the list 4. View list 5. Click the delete button	Any products can be deleted	User should delete any product from the list	As expected,	Pass
Post Condition: User will view the list after deleting the product				

Table 36: Delete the list

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha	
Test Case ID: AMZ_TC15			Test Designed date:13/05/23	
Test Priority (Low, Medium, High): High			Test Executed by:13/05/23	
Module Name: Create Favorite list			Test Execution date: Fairuz Zahin Sneha	
Test Title: Delete the list				
Description: User can delete the list				
Precondition (If any): user have to create a list and add multiple products to the list				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click create list from the Accounts and lists toolbar 3. Add multiple products to the list 4. View list 5. Keep the curser to more option 6. Click manage list and then click the delete button	Any list can be deleted	User should able to delete the list	As expected,	Pass
Post Condition: User will not see the list which will be deleted				

Table 37: Share any product with social media

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha	
Test Case ID: AMZ_TC16			Test Designed date:13/05/23	
Test Priority (Low, Medium, High): Medium			Test Executed by:13/05/23	
Module Name: Social media integration			Test Execution date: Fairuz Zahin Sneha	
Test Title: Share any product with social media				
Description: User can share the product image and details with social media				
Precondition (If any): user have to create a list and add multiple products to the list				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click create list from the Accounts and lists toolbar 3. Add multiple products to the list 4. Click send list to others 5. Click view only 6. Click copy link	Test on any product	User should able to share the product details with social media such as facebook, email, twitter etc.	As expected,	Pass
Post Condition: User will see the product shared with social media and others will view the product image and details				

Table 38: Watch movie, animation from the watchlist and sorting by letter

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC17	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: View the watchlist	Test Execution date: Fairuz Zahin Sneha
Test Title: Watch movie, animation from the watchlist and sorting by letter	
Description: User watch different types of movies, animations from watchlist and sort by letter (A to Z and Z to A)	
Precondition (If any): user have to add movies, animations into the watchlist	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click watchlist from the Accounts and lists toolbar 3. Add movies, animations to the watchlist 4. Click most recent addition 5. Sort by letter	movies, animations	User should view the watchlist and sort by letter	As expected,	Pass
Post Condition: User will see the movies, animations from the watchlist which is already sorted by letter				

Table 39: Change the category and add movies, animations into the watchlist

Project Name: Amazon	Test Designed by: Fairuz Zahin Sneha
Test Case ID: AMZ_TC18	Test Designed date:13/05/23
Test Priority (Low, Medium, High): High	Test Executed by:13/05/23
Module Name: View the watchlist	Test Execution date: Fairuz Zahin Sneha
Test Title: Change the category and add movies, animations into the watchlist	
Description: User can change the category and add movies, animation into the watchlist	
Precondition (If any): user have to go to the watchlist and click prime video	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the amazon website 2. Click prime video 3. Click category and select horror or international etc. 4. Keep the curser on movies or animations and add into watchlist	Category, movies, animations	User should change the category and add the movies, animations into watchlist	As expected,	Pass
Post Condition: User will see the movies, animations from the watchlist				

Table 40: Share movies, animation with social media

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha		
Test Case ID: AMZ_TC19			Test Designed date:13/05/23		
Test Priority (Low, Medium, High): High			Test Executed by:13/05/23		
Module Name: View the watchlist			Test Execution date: Fairuz Zahin Sneha		
Test Title: Share movies, animation with social media					
Description: User can share movies, animation with social media(Facebook, twitter etc.)					
Precondition (If any): user have to go to the watchlist and click prime video					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the amazon website 2. Click watchlist from the Accounts and lists toolbar 3. Click prime video 4. Click free with ads and go to movies 5. Click the share and click copy link 6. Share with social media	movies, animations	User should share movies, animation with social media (Facebook, twitter etc.)	As expected,	Pass	
Post Condition: User will see the movies, animations from social media (Facebook, twitter etc.)					

Table 41: View the music list and also view the recently played music

Project Name: Amazon			Test Designed by: Fairuz Zahin Sneha		
Test Case ID: AMZ_TC20			Test Designed date:13/05/23		
Test Priority (Low, Medium, High): low			Test Executed by:13/05/23		
Module Name: View the music list			Test Execution date: Fairuz Zahin Sneha		
Test Title: View the music list and also view the recently played music					
Description: User can view the music list and also view the recently played music					
Precondition (If any): none					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the amazon website 2. Click music list from the Accounts and lists toolbar 3. Click library 4. View the recently played music		User should view the music list	As expected,	Pass	
Post Condition: none					

Table 42: Verify language (English) section functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_LT_001		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Language support		Test Execution date:13/5/23		
Test Title: Verify language (English) section functionality				
Description: Test the functionality of selecting English languages on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select English language from the language dropdown menu 3. Scroll and check is the website's language become English	Selected language (English – EN)	The Amazon website should load and the Amazon website should display in the English language	As expected,	Pass
Post Condition: After selecting English language, all web pages language became English and show verify massage				

Table 43: Verify language (Spanish) section functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_LT_002		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Language support		Test Execution date:13/5/23		
Test Title: Verify language (Spanish) section functionality				
Description: Test the functionality of selecting Spanish language on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Spanish language from the language dropdown menu	Selected language(español - ES – *Traducción)*	The Amazon website should load and the Amazon website should display in the Spanish language	As expected,	Pass

3. Scroll and check the is the website's language become Spanish				
Post Condition: After selecting Spanish language, all web pages language became Spanish and show verify massage				

Table 44: Verify language (Arabic) section functionality

Project Name: Amazon		Test Designed by: Marmita Paul
Test Case ID: AMZ_LT_003		Test Designed date:27/4/2023
Test Priority High		Test Executed by: Marmita Paul
Module Name: Language support		Test Execution date:13/5/23
Test Title: Verify language (Arabic) section functionality		
Description: Test the functionality of selecting Arabic language on the Amazon website		
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available		

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Arabic language from the language dropdown menu 3. Scroll and check the is the website's language become Arabic	Selected language(Arbic)	The Amazon website should load and the Amazon website should display in the Arabic language	As expected,	Pass
Post Condition: After selecting Arabic language, all web pages language became Arabic and show verify massage				

Table 45: Verify language(German) functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_LT_004		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Language support		Test Execution date:13/5/23		
Test Title: Verify language(German) functionality				
Description: Test the functionality of selecting German language on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select German language from the language dropdown menu 3. Scroll and check the is the website's language become German	Selected language(Deutsch - DE – *Übersetzung)*	The Amazon website should load and the Amazon website should display in the German language	As expected,	Pass
Post Condition: After selecting German language, all web pages language became German and show verify massage				

Table 46: Verify language(Hebrew) section functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_LT_005		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Language support		Test Execution date:13/5/23		
Test Title: Verify language(Hebrew) section functionality				
Description: Test the functionality of selecting Hebrew language on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Hebrew language from the	Selected language(עברית - HE – *תרגום)*	The Amazon website should load and the Amazon website should display in	As expected,	Pass

language dropdown menu 3. Scroll and check the is the website's language become Hebrew		the Hebrew language		

Post Condition: After selecting Hebrew language, all web pages language became Hebrew and show verify massage

Table 47: Verify language (Korean) section functionality

Project Name: Amazon			Test Designed by: Marmita Paul	
Test Case ID: AMZ_LT_006			Test Designed date:27/4/2023	
Test Priority High			Test Executed by: Marmita Paul	
Module Name: Language support			Test Execution date:13/5/23	
Test Title: Verify language (Korean) section functionality				
Description: Test the functionality of selecting Korean language on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Korean language from the language dropdown menu 3. Scroll and check the is the website's language become Korean	Selected language(한국어 - KO – 번역)	The Amazon website should load and the Amazon website should display in the Korean language	As expected,	Pass

Post Condition: After selecting Korean language, all web pages language became Korean and show verify massage

Table 48: Verify language (Portuguese) section functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_LT_007		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Language support		Test Execution date:13/5/23		
Test Title: Verify language (Portuguese) section functionality				
Description: Test the functionality of selecting Portuguese language on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Portuguese language from the language dropdown menu 3. Scroll and check the is the website's language become Portuguese	Selected language(português - PT – *Tradução)*	The Amazon website should load and the Amazon website should display in the Portuguese language	As expected,	Pass
Post Condition: After selecting Portuguese language, all web pages language became Portuguese show verify massage				

Table 49: Verify language (Simplified Chinese) section functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_LT_008		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Language support		Test Execution date:13/5/23		
Test Title: Verify language (Simplified Chinese) section functionality				
Description: Test the functionality of selecting Chinese language on the Amazon website				
Precondition (If any): The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

1. Go to the Amazon website 2. Select Chinese language from the language dropdown menu 3. Scroll and check the is the website's language become Chinese	Selected language(中文 (简体) - ZH - 翻译)	The Amazon website should load and the Amazon website should display in the Chinese language	As expected,	Pass

Post Condition: After selecting Chinese language, all web pages language became Chinese show verify massage

Table 50: Verify language (Traditional Chinese) section functionality

Project Name: Amazon	Test Designed by: Marmita Paul
Test Case ID: AMZ_LT_009	Test Designed date:27/4/2023
Test Priority High	Test Executed by: Marmita Paul
Module Name: Language support	Test Execution date:13/5/23

Test Title: Verify language (Traditional Chinese) section functionality

Description: Test the functionality of selecting traditional Chinese language on the Amazon website

Precondition (If any): The user is on the Amazon website and ensure that internet connection is available

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Chinese language from the language dropdown menu 3. Scroll and check the is the website's language become Chinese	Selected language(中文 (繁體) - ZH - 翻譯)	The Amazon website should load and the Amazon website should display in the Chinese language	As expected,	Pass

Post Condition: After selecting Chinese language, all web pages language became Chinese and show verify message

Table 51: Verify the "login and security" pages display functionality

Project Name: Amazon				Test Designed by: Marmita Paul	
Test Case ID: AMZ_CS_10				Test Designed date:27/4/2023	
Test Priority High				Test Executed by: Marmita Paul	
Module Name: Customer services				Test Execution date:13/5/23	
Test Title: Verify the "login and security" pages display functionality					
Description: Test the "login, address security & privacy" page's one part(login and security) pages display functionality on the Amazon website					
Precondition (If any): The user is on the Amazon website's customer services page and ensure that internet connection is available					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "login and security' menu 5. Scroll and check the is the website working properly		The Amazon website should load and display in the all pages into "login and security" menu	As expected,	Pass	
Post Condition: The "Login and Security" page within the "Login, Address Security & Privacy" section has been validated for functionality on the Amazon website.					

Table 52: Verify the user's name updated functionality

Project Name: Amazon				Test Designed by: Marmita Paul	
Test Case ID: AMZ_CS_11				Test Designed date:27/4/2023	
Test Priority High				Test Executed by: Marmita Paul	
Module Name: Customer services				Test Execution date:13/5/23	
Test Title: Verify the user's name updated functionality					
Description: Test the functionality of updating the profile name on the "Your Profiles" page within the "Login and Security" section on the Amazon website.					
Precondition (If any): The user is on the Amazon website's "Your Profiles" page and ensure that internet connection is available					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "login and security' menu 5. Then select your profiles menu 6. Then update the profile name 7. Click "Save Changes" button	Edit your name: Marmia Edit your name: Marmita Paul	The Amazon website should load and the user should update his/her profile name	As expected,	Pass	
Post Condition: The functionality of updating the profile name on the "Your profiles" page has been validated on the Amazon website and show verify message.					

Table 53: Verify the "address" pages display functionality

Project Name: Amazon	Test Designed by: Marmita Paul
Test Case ID: AMZ_CS_12	Test Designed date:27/4/2023
Test Priority High	Test Executed by: Marmita Paul
Module Name: Customer services	Test Execution date:13/5/23
Test Title: Verify the "address" pages display functionality	
Description: Test the "login, address security & privacy" page's one part(address) pages display functionality on the Amazon website	
Precondition (If any): The user is on the Amazon website's customer services page and ensure that internet connection is available	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "address" menu 5. Scroll and check the is the website working properly		The Amazon website should load and should display in the all pages of "address" menu	As expected,	Pass

Post Condition: The "address" page within the "Login, Address Security & Privacy" section has been validated for functionality on the Amazon website.

Table 54: Verify the user address adding functionality

Project Name: Amazon	Test Designed by: Marmita Paul
Test Case ID: AMZ_CS_13	Test Designed date:27/4/2023
Test Priority: High	Test Executed by: Marmita Paul
Module Name: Customer services	Test Execution date:13/5/23
Test Title: Verify the user address adding functionality	
Description: Test the functionality of adding the user address on the "Your Address" page within the "Login and Security" section on the Amazon website.	
Precondition (If any): The user is on the Amazon website's "Your Addresses" page and ensure that internet connection is available	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

Test Steps	Test Data	Expected Results	Actual Results	Status
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "login and security' menu 5. Then select the "Password, e-mail or login" menu 6. Then select the "Your Account Settings" menu 7. Then select the "Your addresses" menu 8. Then add your address 9. Click "save changes" button	Country/Region: Bangladesh Full name (First and Last name): Marmita Paul Street address : Kuril, Bissorod 128/2 City: Dhaka State / Province / Region: Bangladesh Zip Code: 0000 Phone Number: 01735152186	The Amazon website should load and the user should add his/her address	As expected,	Pass

Post Condition: The functionality of adding a user address on the "Your Address" page has been validated on the Amazon website and show verify message.

Table 55: Verify the user address updating functionality

Project Name: Amazon	Test Designed by: Marmita Paul
Test Case ID: AMZ_CS_14	Test Designed date:27/4/2023
Test Priority: High	Test Executed by: Marmita Paul
Module Name: Customer services	Test Execution date:13/5/23
Test Title: Verify the user address updating functionality	
Description: Test the functionality of updating the user address on the "Your Address" page within the "Login and Security" section on the Amazon website.	
Precondition (If any): The user is on the Amazon website's "Your Addresses" page and ensure that internet connection is available	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "login and security' menu 5. Then select the "Password, e-mail or login" menu 6. Then select the "Your Account Settings" menu	Street Address: Uttora, 11 no sector, road 4, 25 number building	The Amazon website should load and the user should update his/her address	As expected,	Pass

7. Then select the "Your addresses" menu 8. Then update your address 9. Click "save changes" button				

Post Condition: The functionality of updating a user address on the "Your Address" page has been validated on the Amazon website and show verify message.

Table 56: Verify the user address adding failure functionality if any text box is empty

Project Name: Amazon	Test Designed by: Marmita Paul
Test Case ID: AMZ_CS_15	Test Designed date:27/4/2023
Test Priority: High	Test Executed by: Marmita Paul
Module Name: Customer services	Test Execution date:13/5/23
Test Title: Verify the user address adding failure functionality if any text box is empty	
Description: Test the functionality of adding failure when any text box is empty on the "Your Address" page within the "Login and Security" section on the Amazon website.	
Precondition (If any): The user is on the Amazon website's "Your Addresses" page and ensure that internet connection is available	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "login and security' menu 5. Then select the "Password, e-mail or login" menu 6. Then select the "Your Account Settings" menu 7. Then select the "Your addresses" menu 8. Then add your address but few text box remain empty 9. Click "save changes" button	Country/Region: Bangladesh Full name (First and Last name): Marmita Paul	The Amazon website should load and the user should add his/her half address remain few texts box empty	As expected,	Pass

Post Condition: The functionality of adding a user address with empty text boxes by clicking "Save Changes" button on the "Your Address" page has been validated on the Amazon website and show verify message.

Table 57: Verify the user address remove functionality

Project Name: Amazon			Test Designed by: Marmita Paul	
Test Case ID: AMZ_CS_16			Test Designed date:27/4/2023	
Test Priority: High			Test Executed by: Marmita Paul	
Module Name: Customer services			Test Execution date:13/5/23	
Test Title: Verify the user address remove functionality				
Description: Test the functionality of remove the user address on the "Your Address" page within the "Login and Security" section on the Amazon website.				
Precondition (If any): The user is on the Amazon website's "Your Addresses" page and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "login and security' 5. Then select the "Password, e-mail or login" menu 6. Then select the "Your Account Settings" menu 7. Then select the "Your addresses" menu 8. Then remove your address 9. Click "save changes" button		The Amazon website should load and the user should remove his/her address	As expected,	Pass
Post Condition: The functionality of removing a user address on the "Your Address" page has been validated on the Amazon website and show verify message.				

Table 58: Verify the "E-mail communication preferences" pages display functionality

Project Name: Amazon			Test Designed by: Marmita Paul	
Test Case ID: AMZ_CS_17			Test Designed date:27/4/2023	
Test Priority High			Test Executed by: Marmita Paul	
Module Name: Customer services			Test Execution date:13/5/23	
Test Title: Verify the "E-mail communication preferences" pages display functionality				
Description: Test the "login, address security & privacy" page's one part(E-mail communication preferences) pages display functionality on the Amazon website				
Precondition (If any): The user is on the Amazon website's customer services page and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)

Test Steps	Test Data	Expected Results	Actual Results	Status
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "E-mail communication preferences "menu 5. Select the "Manage your communication preferences" menu 6. Scroll and check the is the website working properly		The Amazon website should load and display in the all pages into "E-mail communication preferences" menu	As expected,	Pass

Post Condition: The " E-mail communication preferences " page within the "Login, Address Security & Privacy" section has been validated for functionality on the Amazon website.

Table 59: Verify the user mail preference updating functionality

Project Name: Amazon	Test Designed by: Marmita Paul
Test Case ID: AMZ_CS_18	Test Designed date:27/4/2023
Test Priority: High	Test Executed by: Marmita Paul
Module Name: Customer services	Test Execution date:13/5/23

Test Title: Verify the user mail preference updating functionality

Description: Test the functionality of updating the user mail preference on the "Manage your communication preferences" page within the "Login and Security" section on the Amazon website.

Precondition (If any): The user is on the Amazon website's "Manage your communication preferences" page and ensure that internet connection is available

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "login, address security & privacy" menu 4. Then select the "E-mail communication preferences "menu 5. Select the "Manage your communication preferences" menu	Marketing Information by Post: "Send me information about my Amazon memberships, new Amazon products and services, deals or recommendations by mail."	The Amazon website should load and the user should update his/her mail preferences	As expected,	Pass

6. Then update mail preferences of "Marketing Information by Post", "General Settings" and "Promotional Emails" 7. Click "update" button	General Settings: "Plain-Text" Promotional Emails: "Do not send me any marketing email for now"			

Post Condition: The functionality of updating a user address on the "Manage your communication preferences" page has been validated on the Amazon website and show verify message.

Table 60: Verify the "Free shopping and others promotions" pages display functionality

Project Name: Amazon			Test Designed by: Marmita Paul	
Test Case ID: AMZ_CS_19			Test Designed date:27/4/2023	
Test Priority High			Test Executed by: Marmita Paul	
Module Name: Customer services			Test Execution date:13/5/23	
Test Title: Verify the "Free shopping and others promotions" pages display functionality				
Description: Test the "International Shopping" page's one part(Free shopping and others promotions) pages display functionality on the Amazon website				
Precondition (If any): The user is on the Amazon website's customer services page and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "" International Shopping" menu 4. Then select the " Free shopping and others promotions "menu 5. Scroll and check is the website working properly		The Amazon website should load and display in the all pages into "Free shopping and others promotions " menu	As expected,	Pass
Post Condition: The "Free shopping and others promotions " page within the " International Shopping" section has been validated for functionality on the Amazon website.				

Table 61: Verify the details of international free shipping page's feedback functionality

Project Name: Amazon		Test Designed by: Marmita Paul		
Test Case ID: AMZ_CS_20		Test Designed date:27/4/2023		
Test Priority High		Test Executed by: Marmita Paul		
Module Name: Customer services		Test Execution date:13/5/23		
Test Title: Verify the details of international free shipping page's feedback functionality				
Description: Test the " Free shopping and others promotions" page's part international free shipping page's feedback functionality which is working or not				
Precondition (If any): The user is on the Amazon website's customer services page and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select customer services menu 3. Select the "International Shopping" menu 4. Then select the " Free shopping and others promotions "menu 5. Then select the "didn't get free international shipping" or "Change and order with free international shipping" menu 6. Then select the "Get details on free international shipping" menu 7. Press the Button "Yes" or "No"		The Amazon website should load and display the feedback massage	As expected,	Pass
Post Condition: " Free shopping and others promotions" page's part international free shipping page's feedback functionality is working properly				

Table 62: Verify load time for log in page

Project Name: Amazon	Test Designed by: Abdullah Al Mahdi
Test Case ID: AMZ_1	Test Designed date: 27/4/2023
Test Priority: Medium	Test Executed by: Abdullah Al Mahdi
Module Name: Measure page load time	Test Execution date:13/5/23

Test Title: Verify load time for log in page				
Description: Test the load time of log in page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Sign In		Log in page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The log in page should be open				

Table 63: Verify load time for buy again page

Project Name: Amazon	Test Designed by: Abdullah Al Mahdi
Test Case ID: AMZ_2	Test Designed date: 27/4/2023
Test Priority: Medium	Test Executed by: Abdullah Al Mahdi
Module Name: Measure page load time	Test Execution date:13/5/23

Test Title: Verify load time for buy again page				
Description: Test the load time of buy again page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select buy again		buy again page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The buy again page should be open				

Table 64: Verify load time for Today's Deals page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_3		Test Designed date: 27/4/2023		
Test Priority: Medium		Test Executed by: Abdullah Al Mahdi		
Module Name: Measure page load time		Test Execution date:13/5/23		
Test Title: Verify load time for Today's Deals page				
Description: Test the load time of Today's Deals page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Today's Deals		Today's Deals page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The Today's Deals page should be open				

Table 65: Verify load time for homepage

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_4		Test Designed date: 27/4/2023		
Test Priority: Medium		Test Executed by: Abdullah Al Mahdi		
Module Name: Measure page load time		Test Execution date:13/5/23		
Test Title: Verify load time for homepage				
Description: Test the load time of homepage on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website		Homepage should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The Home page should be open				

Table 66: Verify load time for Gift Cards page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_5		Test Designed date: 27/4/2023		
Test Priority: Medium		Test Executed by: Abdullah Al Mahdi		
Module Name: Measure page load time		Test Execution date:13/5/23		
Test Title: Verify load time for Gift Cards page				
Description: Test the load time of Gift Cards page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Gift Cards		Gift Cards page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The Gift Cards page should be open				

Table 67: Verify load time for Product page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_6		Test Designed date: 27/4/2023		
Test Priority: Medium		Test Executed by: Abdullah Al Mahdi		
Module Name: Measure page load time		Test Execution date:13/5/23		
Test Title: Verify load time for Product page				
Description: Test the load time of Product page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select a Product page		Product page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The Product page should be open				

Table 68: Verify load time for Registration page

Project Name: Amazon	Test Designed by: Abdullah Al Mahdi
Test Case ID: AMZ_7	Test Designed date: 27/4/2023
Test Priority: Medium	Test Executed by: Abdullah Al Mahdi
Module Name: Measure page load time	Test Execution date:13/5/23
Test Title: Verify load time for Registration page	
Description: Test the load time of Registration page on the Amazon website	
Precondition: The user is on the Amazon website and ensure that internet connection is available	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Registration		Registration page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The Registration page should be open				

Table 69: Verify load time for Registry page

Project Name: Amazon	Test Designed by: Abdullah Al Mahdi
Test Case ID: AMZ_8	Test Designed date: 27/4/2023
Test Priority: Medium	Test Executed by: Abdullah Al Mahdi
Module Name: Measure page load time	Test Execution date:13/5/23
Test Title: Verify load time for Registry page	
Description: Test the load time of Registry page on the Amazon website	
Precondition: The user is on the Amazon website and ensure that internet connection is available	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Registry		Registry page should load and the load time should be less than 3 sec	As expected,	Pass
Post Condition: The Registry page should be open				

Table 70: : Verify load time for Sell page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi			
Test Case ID: AMZ_9		Test Designed date: 27/4/2023			
Test Priority: Medium		Test Executed by: Abdullah Al Mahdi			
Module Name: Measure page load time		Test Execution date:13/5/23			
Test Title: Verify load time for Sell page					
Description: Test the load time of Sell page on the Amazon website					
Precondition: The user is on the Amazon website and ensure that internet connection is available					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the Amazon website 2. Select Sell		Sell page should load and the load time should be less than 3 sec	As expected,	Pass	
Post Condition: The Sell page should be open					

Table 71: Verify load time for Cart page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi			
Test Case ID: AMZ_10		Test Designed date: 27/4/2023			
Test Priority: Medium		Test Executed by: Abdullah Al Mahdi			
Module Name: Measure page load time		Test Execution date:13/5/23			
Test Title: Verify load time for Cart page					
Description: Test the load time of Cart page on the Amazon website					
Precondition: The user is on the Amazon website and ensure that internet connection is available and logged in					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
1. Go to the Amazon website 2. Select Cart		Cart page should load and the load time should be less than 3 sec	As expected,	Pass	
Post Condition: The Cart page should be open					

Table 72: Verify accessibility for Gift cards page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_11		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for Gift cards page				
Description: Test the accessibility of Gift cards page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select Gift cards		Gift cards page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 73: Verify accessibility for Login and security page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_12		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for Login and security page				
Description: Test the accessibility of Login and security page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select Login and security		Login and security page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 74: Verify accessibility for Return and Order page

Project Name: Amazon	Test Designed by: Abdullah Al Mahdi
Test Case ID: AMZ_13	Test Designed date: 27/4/2023
Test Priority: High	Test Executed by: Abdullah Al Mahdi
Module Name: Page accessibility	Test Execution date:13/5/23
Test Title: Verify accessibility for Return and Order page	
Description: Test the accessibility of Return and Order page on the Amazon website	
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select Return and Order		Return and Order page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 75: Verify accessibility for archive order page

Project Name: Amazon	Test Designed by: Abdullah Al Mahdi
Test Case ID: AMZ_14	Test Designed date: 27/4/2023
Test Priority: High	Test Executed by: Abdullah Al Mahdi
Module Name: Page accessibility	Test Execution date:13/5/23
Test Title: Verify accessibility for archive order page	
Description: Test the accessibility of archive order page on the Amazon website	
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in	

Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select archive order		archive order page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 76: Verify accessibility for Prime page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_15		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for Prime page				
Description: Test the accessibility of Prime page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select Prime		Prime page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 77: Verify accessibility for Watchlist page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_16		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for Watchlist page				
Description: Test the accessibility of Watchlist page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select Watchlist		Watchlist page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 78: Verify accessibility for address page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_17		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for address page				
Description: Test the accessibility of address page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select your address		address page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 79: Verify accessibility for messages page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_18		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for messages page				
Description: Test the accessibility of messages page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the Amazon website 2. Select Account 3. Select your messages		messages page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 80: Verify accessibility for payment page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_19		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for payment page				
Description: Test the accessibility of payment page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
4. Go to the Amazon website 5. Select Account 6. Select your payment		payment page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

Table 81: Verify accessibility for profile page

Project Name: Amazon		Test Designed by: Abdullah Al Mahdi		
Test Case ID: AMZ_20		Test Designed date: 27/4/2023		
Test Priority: High		Test Executed by: Abdullah Al Mahdi		
Module Name: Page accessibility		Test Execution date:13/5/23		
Test Title: Verify accessibility for profile page				
Description: Test the accessibility of profile page on the Amazon website				
Precondition: The user is on the Amazon website and ensure that internet connection is available and not logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
7. Go to the Amazon website 8. Select Account 9. Select your profile		profile page should redirect to login page	As expected,	Pass
Post Condition: The login page should be open				

8. ITEM PASS/FAIL CRITERIA

The item pass/fail criteria for this project are as follows: all test cases must be successfully completed without critical failures or blocking issues; recommendations provided by the principal investigator will guide decision-making; the software framework cannot be removed until all critical bugs are resolved; a specified percentage of completed test cases, such as 96%, determines whether the item can proceed; and final approval to release the program relies on assessment by the test lead and project manager, considering overall test results, adherence to requirements, and achievement of project objectives. These criteria serve as benchmarks for determining the pass or fail status of each item, ensuring alignment with project goals, requirements, and quality standards.

9. TESTING SCHEDULE

The project plan encompasses a set of testing tasks, which are outlined below. The project plan timetable provides precise information regarding the dates and durations for each task. Additionally, the project schedule and plan indicate the personnel required for each procedure, as it is crucial for evaluation purposes.

Task Name	20.04.23	30.04.23	5.04.23	8.04.23	13.04.23	14.04.23	15.04.23
Documentation	▬						
Design		▬					
Test Plan		▬					
System testing			▬	▬	▬		
Project completion						▬	
Feedback							▬

Figure 1: Testing schedule

10. CONCLUSION:

In conclusion, this project aimed to address the problem of improving the performance and user experience of the Amazon.com website. Through rigorous testing and analysis, various system features and quality attributes were examined to ensure the website's functionality, responsiveness, compatibility, and performance met the desired standards. Selenium IDE Chrome extension proved to be a valuable tool for automating tests, measuring page load times, and assessing responsiveness. The item pass/fail criteria provided clear guidelines for evaluating the success of the project, including completing all test cases, receiving recommendations from the principal investigator, resolving critical bugs, achieving a specified percentage of completed tests, and obtaining approval from the test lead and project manager. By adhering to these criteria, the project team can confidently make decisions regarding the release and improvement of the website, ultimately enhancing the user experience for Amazon.com visitors.