



American International University-Bangladesh (AIUB)

Department of Computer Science

Faculty of Science & Technology (FST)

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Section: G

Software Quality Assurance and Testing

**Lookoid**

A Report submitted By

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# Software Test Plan

for

<LOOKOID>

Version 1.0 approved

Prepared by <Shahidul Islam Ikte,

**Md. Forhadul Islam,**

**Golam Kader Chowdhury,**

**Abdullah Al Noman >**

< American International University-Bangladesh >

<26-4-2023>

## Checked By Industry Personnel

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Designation: SQA Engineer

Company: Brain Station 23

Sign: MONTASIR RAHMAN MAHIN

Date: 26.04.23

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## Revision History

Revision	Date	Updated by	Update Comments
0.1	2023.04.19	Shahidul Islam Ifte	First Draft
0.2	2023.04.21	Md. Forhadul Islam	Second Draft
0.3	2023.04.23	Golam Kader Chowdhury	Third Draft
0.4	2023.04.25	Shahidul Islam Ifte	Fourth Draft
0.5	2023.04.27	Golam Kader Chowdhury	Fifth Draft
0.6	2023.04.28	Shahidul Islam Ifte	sixth draft
0.7	2023.04.29	Abdullah Al Noman	seventh
0.8	2023.04.30	Md. Forhadul Islam	eighth

### 1. TEST PLAN IDENTIFIER: [RS-MTP01.3](#)

### 2. REFERENCES

- <https://www.lookoidbd.com>
- Software Engineering Course slides
- Software Quality and Testing Course slides
- Selenium Testing

### 3. INTRODUCTION

#### Background to the Problem

- Now a days in general all clothing companies are making themselves more available to their customers which is by creating their own websites. In Bangladesh due to a lack of opportunities, many artisans and craftspeople in these areas struggle to make ends meet. Like other companies Lookoid an indie was founded to address this issue by providing a platform for rural artisans to showcase their skills and sell their products in urban markets. In addition to promoting local craftsmanship.
- The root causes of issues with an ecommerce site can vary widely and may include factors such as poor website design, technical problems, insufficient marketing,

inadequate customer support, bad services, competition, and economic or industry trends. It is important to identify the root causes of any issues within a clothing site like “Lookoid” because they can impact the site's performance, reputation, and revenue.

## Solution to the Problem

- The activities of the customers and users are provided by our system. with the use of this system admin may handle things like customers information, order list, registrations, payment, address. we are making sure that customers data is secure. These are some solutions that are addressed:

- I. Optimize website performance: E-commerce websites need to be fast, user-friendly, and easily navigable to ensure that customers have a positive experience
- II. Ensure website security: Customers need to feel secure when making purchases online.
- III. Utilize marketing strategies: Businesses can utilize various marketing strategies, such as email marketing, social media marketing, and paid advertising, to increase website traffic and sales.
- IV. Provide excellent customer service: Providing excellent customer service can help build customer loyalty and encourage repeat purchases.

Optimizing website performance and ensuring website security are essential for creating a positive user experience and building trust with customers. Utilizing marketing strategies and providing excellent customer service can help increase website traffic and sales, which aligns with the business objective of increasing revenue. And utilizing analytics tools can provide valuable insights into customer behavior and help businesses make data-driven decisions to improve website performance and meet business objectives.

- Our suggested web-based software’s primary function is to facilitate online shopping for customers by offering a convenient and user-friendly e-commerce platform for Lookoid's products. The website's main objective is to increase sales, expand the customer base, and improve the brand image of Lookoid. Lookoidbd.com's main function is to provide customers with an easy and secure way to browse, select, and purchase lookoid's products online, with a wide range of products available, secure payment options, and home delivery services.
- Existing studies presented in the problem area. What are the existing software solutions are available to solve the aforementioned problem?

## 4. REQUIREMENT SPECIFICATION

### 4.1 System Features

#### 1. Software feature

Functional requirement

1.1 The user login into the software with their username and password.

1.2 If the login successful the main my-account page in this software will be displayed.

1.3 If the user forgets the username or password they can be reset password using their valid email address.

Priority level: High

Precondition: User have valid username and password.

Cross- references: None

#### 2. Admin

Functional Requirements

2.1 Monitoring user information by maintaining accurate database of all ID.

2.3 Admin will able to see the payment status. If paid by any online platform

2.4 Admin can assign new user without registrations like manager, Moderators, customer

#### 3. Account

Functional Requirements

3.1 Payment can be complete by 2-way Cash on delivery and online payment

3.2 The Payment slip can be gotten after place order and will be save into the user account

3.3 All information will be showing the user account

Priority level: High

Precondition: Online Payment system must be pay using user ID.

## 4 Search

### Functional Requirements

4.1 User can search any product what he expecting

4.2 User can also filtering the amount

Priority level: Medium

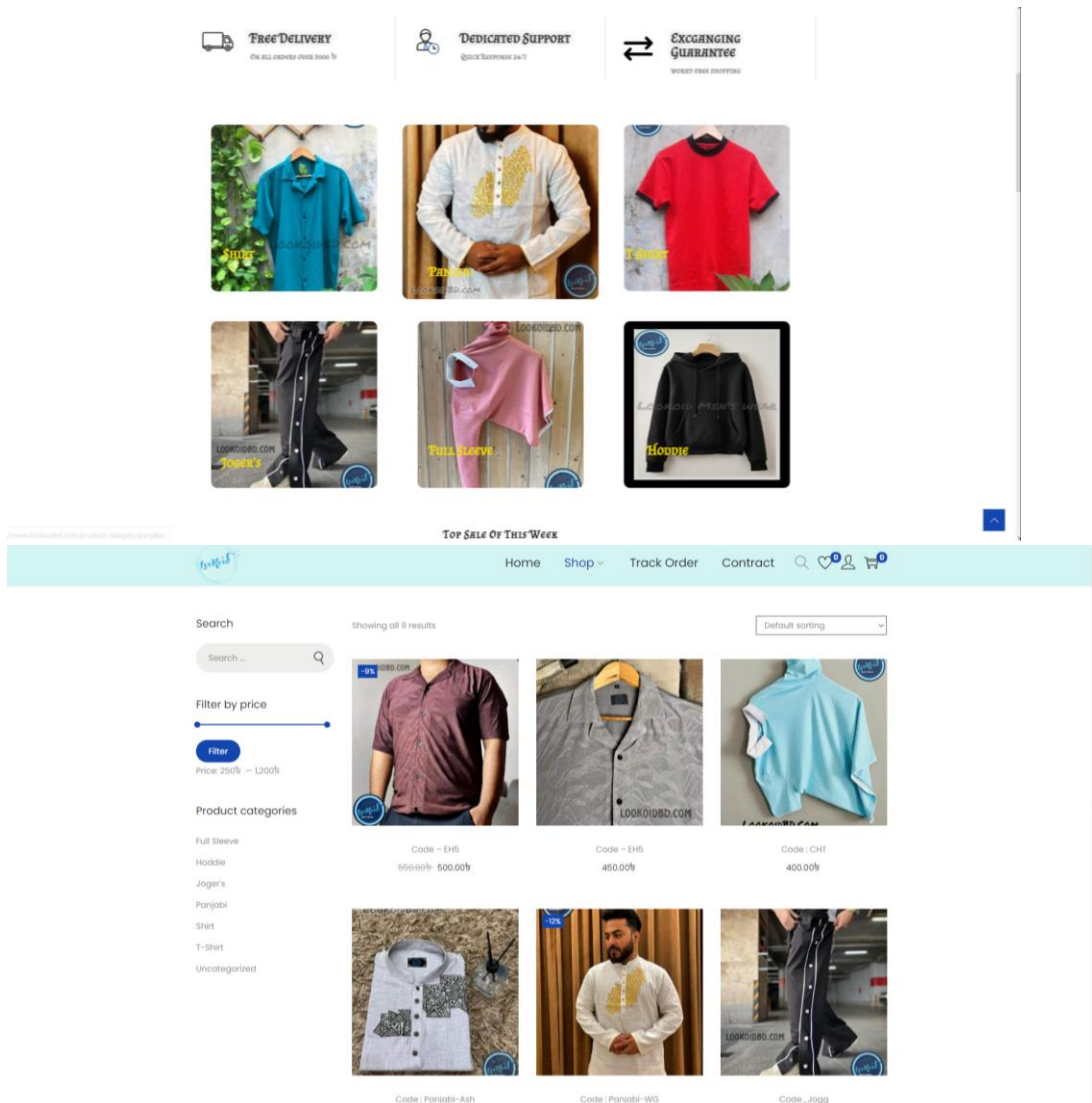
Precondition: None

## 4.2 System Quality Attributes

- Numerous attributes can be used to describe quality. If a product is straightforward to use and includes the essential features, it is deemed to be of high quality. While Quality Assurance is intended to prevent flaws, Quality Control Activities are intended to find them in products and services. Preventing the display of flaws is the goal of assurance activities or attributes. Then, as shown, the following can be used to ensure the best quality for all of the company's items in the statement.
- **Reliability:** Check the product's dependability by determining whether it is strong enough to endure any circumstance. Additionally, the outcomes must consistently be accurate. How effectively a project functions in diverse working environments and conditions determines how reliable a product will be.
- **Maintainability:** It should be easy to maintain the product's many versions. A current system's code should be easy to add for development purposes and upgrade for new features and technologies as they become available. It should be affordable and easy to maintain. The system is easy to maintain, and making software modifications or fixing bugs is easy.
- **Usability:** The usability of this can be evaluated. The website should be easy to use. It ought to be easy to learn as well. The navigation needs to be simple. Usability can be used to evaluate this. It ought to be easy to learn as well. The navigation needs to be simple. In terms of input preparation, system operation, and output interpretation, the system must be easy to use. Make sure that the user interface standards or procedures utilized by our other regularly used systems are uniform. For novice or infrequent users, the system is straightforward to learn.

- **Portability:** Concerns about costs associated with porting, technical difficulties encountered while porting, and behavioral problems encountered during porting can all be measured.
- **Efficiency:** A key component of system quality and is determined by how long it takes a system to complete a given activity. The system should, for instance, utilize its CPU power, disk space, and memory to the fullest extent possible. The user's performance will suffer and the system will be regarded inefficient if it uses up all of the resources. If a system is inefficient, it cannot be used in real-time applications.
- **Testability:** The system should be easy to test and spot errors in. If necessary, it ought to be easy to divide it into various components for testing.

### 4.3 System Interface





## 4.4 Project Requirements

Project constraints are the general limitations of a project, including time, costs and risks. Understanding project constraints is important because they affect project performance.

**Time:** To finish our project we need 5.5 months or 440 working hours.

**Cost:** To build this project we need approximately 437360 bdt

**Resources:**

**Project Type : Organic**

**Coefficient < Effect Factor> :** 2.4 [P=1.05; T=0.38]

**Source Line of Code:** SLOC= 4000 Lines

**Persons Months, PM** = Coefficient < Effect Factor>\*(SLOC/1000)<sup>P</sup>

$$=2.4*(3000/1000)^{1.05}$$

$$= 7.6$$

**Development Time, DM** = 2.50\*(PM)<sup>T</sup>

$$= 2.50*(7.6)^{0.38}$$

$$= 5.4$$

$$= 5.5 \text{ months}$$

$$= 5.5*10*8 \text{ working hours}$$

$$= 440 \text{ working hours}$$

**Required People, ST** = PM/DM

$$=7.6/ 5.5$$

$$=1.4$$

$$=2$$

**Developer Salary in 2 Months:**

Developer Salary per Working Hour = 400 bdt

Total Developer Salary = 400\*440 BDT

$$=176000 \text{ BDT}$$

**Requirements Analysis:**

Time needed = 10 days (8 working days)

= 8\*8 Working hours

= 64 Working hours

Requirement Analysis Person's Hourly wage= 350 bdt

Total Requirement Analysis Expense = 350\*64 bdt

= 22400 bdt

**Transportation Cost:**

Estimated Cost for transportation=8000 bdt

**Training and Hardware Expense:**

Estimated Cost for Training and Hardware =40000 bdt

**Rent Expenses:**

Rent per month= 8000 bdt

Total rent in 2 months = 2\*8000 bdt

=16000 bdt

**Utilities Cost:**

Total utilities bill in 2 months =6000 bdt

**Maintenance (Till 6 months after delivery):**

Expense per hour = 500 bdt

Total Estimated Time needed for maintenance = 72 hours

Total Estimated maintenance cost =72\*500 bdt

=36000 bdt

**Miscellaneous:**

Total Miscellaneous cost =8000 bdt Total

**Estimated Expense:**

$$\begin{aligned}\text{Total Estimated cost} &= 176000 + 22400 + 8000 + 40000 + 16000 + 6000 + 36000 + 8000 \\ &= 312400 \text{ bdt}\end{aligned}$$

**Profit:**

$$\begin{aligned}40\% \text{ of total estimated expense} &= 312400 * 40\% \text{ bdt} \\ &= 124960\end{aligned}$$

Project Budget:  $(312400 + 124960) \text{ bdt} = 437360 \text{ bdt}$

## 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:

- PC based spreadsheet analysis applications using Reassigned Sales data. Because these applications are completely under the control of the customer and are outside the scope of this project. The necessary data base format information will be provided to the customers to allow them to extract data. Testing of their applications is the responsibility of the application maintainer/developer.
- Each users ID & PASSWORD will not be tested as it's confidential.
- Any kind of transactions will not be calculated.

## 6. TESTING APPROACH

### 6.1 Testing Levels

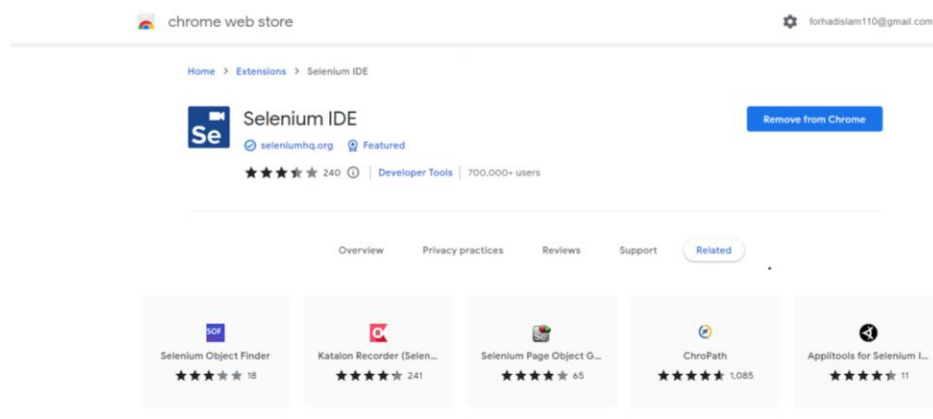
- The testing for the SMS project will consist of Unit, System/Integration (combined) and Acceptance test levels. It is hoped that there will be at least one full time independent test person for system/integration testing. However, with the budget constraints and timeline established; most testing will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

- ACCEPTANCE Testing will be performed by the actual end users with the assistance of the test manager and development team leader. The acceptance test will be done in parallel with the existing manual ZIP/FAX process for a period of one month after completion of the System/Integration test process.

## 6.2 Test Tools

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

- The Program Development Manager (PDM) will be used as the source version configuration management tool in conjunction with the in-house check-in/check-out control utility. The check-in/out utility is part of each developer's standard AS/400 access menu.
- The initial prototypes for the new screens will be developed using the AS/400 Screen Design Aid (SDA). The initial layout and general content of the screens will be shown to the sales administration staff prior to proceeding with testing and development of the screens.
- The 'Selenium IDE' – testing tool has been used to build test cases and test our website. Selenium IDE has been used because it supports automated testing. We will perform manual testing initially, and then we will perform automation testing. The most crucial tool for automation testing is Selenium. Selenium is an open-source, free framework for assessing web applications across a variety of platforms and browsers. Scripts for Selenium tests can be written in a variety of programming languages, including Java, C#, Python, and others.



- Grant Chart (<https://www.onlinegantt.com>)

## 6.3 Meetings

The test team will meet once in every week to evaluate progress to date and to identify error trends and problems as early as possible. The test team leader will meet with development and the project manager once every two weeks as well. These two meetings will be scheduled on different weeks. Additional meetings can be called as required for emergency situations.

Call with SQAT Assignment

58:37

Chat

People

Rate

React

View

Apps


More

Camera

Microphone

Stop sharing

Leave



GOLAM KADER CHOWDHURY

Meeting chat

1 min de


mic ta nosto hoise

chapter 7 a chilo

test case

MD. FORHADUL ISLAM

Friday 9:35 AM



GOLAM KADER CHOWDHURY

Friday 10:02 AM

Test Case Ta...

Friday 10:12 AM

Call ended 1h 20min 24s

Friday 11:18 AM

Call ended 1m 3s

Friday 11:19 AM

Call started

Friday 11:28 AM

Lookold.docx

Type a new message

## 7. TEST CASES/TEST ITEMS

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_1		Test Designed date: 19/4/2023		
Test Priority (Low, Medium, High): High		Test Executed by: Shahidul Islam Ifte		
Module Name: Registration Session		Test Execution date: 19/4/2022		
Test Title: Successful Registration Check				
Description: Test website’s Registration Page and storing username and password to the database.				
Precondition (If any): Must land on account page from website homepage successfully.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Click on register 3. Enter E-mail 4. Enter password 5. Click “Register” button	E-mail: iftespotify@gmail.com  Password: 6655779966  Confirm Password: 6655779966	User should register successfully to the website	As expected	Pass
Post Condition: User is registered with database and can be log in later.				

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_2		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): Heavy		Test Executed by: Shahidul Islam Ifte		
Module Name: Log In session		Test Execution date: 19/4/2022		
Test Title: Log in button check				
Description: Verify login with valid username and password. Will land on user account page.				
Precondition: User must have valid username & password. Will land on das3				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to website 2. Enter username 3. Enter password 4. Click “Log in” button	Username: iftespotify@gmail.com  Password: 6655779966	User should be able to access the website	As expected	Paass
Post condition: User is validated with database & successfully login to account. The account session details are logged in the database.				

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_3		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): Medium		Test Executed by: Shahidul Islam Ifte		
Module Name: Login Feature Session		Test Execution date: 23/4/23		
Test Title: Login Forgot Password Feature Checking				
Description: Checking forgot password option working properly or not				
Precondition: Must be on the Login page. Username must be registered to database.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Go to login page 3. Click forgot password 4. Enter correct username 5. Click reset password	Username: iftee or iftespotify@gmail.com	User should be able to reset password and get login info in email	As expected	Pass
Post condition: User should get login information's via email				



Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_4		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): Medium		Test Executed by: Shahidul Islam Ifte		
Module Name: Registration input field validation 1.0		Test Execution date: 23/4/23		
Test Title: Registration’s E-mail Pattern Validation Checking				
Description: Testing username field functionality as an e-mail’s pattern validation				
Precondition: Must land on sign up page.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website’s signup page 2. Enter username 3. Enter password 4. Enter confirm password 5. Click register button	Username: iftee  Password: 6655779966	User should able register successfully to the website	As expected	Pass
Post condition: User can log in anytime using its username.				

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_5		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): High		Test Executed by: Shahidul Islam Ifte		
Module Name: Login Feature Session		Test Execution date: 23/4/23		
Test Title: Login Forgot Password Feature Checking				
Description: Checking forgot password option working properly or not				
Precondition: Must be on the Login page. Username must be registered to database.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Go to login page 3. Click forgot password 4. Enter correct username 5. Click reset password	Username: iftee or iftespotify@gmail.com	User should be able to reset password and get login info in email	As expected	Pass
Post condition: User should get login information's via email				

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_6		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): Low		Test Executed by: Shahidul Islam Ifte		
Module Name: Home Tab		Test Execution date: 23/4/23		
Test Title: Checking “Home” tab				
Description: Checking if the tab working properly & jumps to Homepage				
Precondition: Must be on the Login page.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Go to login page 3. Click menu button 4. Click “Home” tab	Username: iftee or iftespotify@gmail.com	User should be able to access the site and explore the page	As expected	Pass
Post condition: User should able to go from dashboard page to homepage				

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_7		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): Medium		Test Executed by: Shahidul Islam Ifte		
Module Name: Search bar validation		Test Execution date: 23/4/23		
Test Title: Checking Search bar valid input				
Description: Checking if invalid input in search bar shows product page result				
Precondition: Must be logged in & be on homepage				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Go to login page 3. Click menu button 4. Click “Home” tab	Input (Tag): Shirt, Pant, Panjabi, T-shirt	User should be able to see estimated product result	As expected	Pass

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte			
Test Case ID: FR_8		Test Designed date: 23/4/23			
<del>Post condition: Explore the product page.</del> Test Priority (Low, Medium, High): Medium		Test Executed by: Shahidul Islam Ifte			
Module Name: Search bar validation 1.0		Test Execution date: 23/4/23			
Test Title: Checking Search bar with invalid input					
Description: Checking if valid input in search bar shows product page result					
Precondition: Must be Logged in					
Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Go to login page 3. Enter id & password 4. Go to the homeepage 5. Click menu button 6. Click “Home” tab		Input (Tag): 3,77,5,4	Page will show random product	Not as expected	Failed
Post condition: User should able to go from dashboard page to homepage but with invalid search will show invalid or not as expected result					

Project Name: Lookoid		Test Designed by: Shahidul Islam Ifte		
Test Case ID: FR_9		Test Designed date: 23/4/23		
Test Priority (Low, Medium, High): High		Test Executed by: Shahidul Islam Ifte		
Module Name: Logout Session		Test Execution date: 23/4/23		
Test Title: Logout Functionality				
Description: Checking the logout functionality working				
Precondition: Must be on the Logged in				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Go to login page 3. Enter id & password 4. Shows homepage 5. Click menu button 6. Click log-out button	Username: iftee  Password: 6655779966	User should be able logout successfully	As expected	Pass
Post condition: Goes back to the Log in page.				

Project Name: Lookoid		Test Designed by: MD. Forhadul Islam		
Test Case ID: FR_10		Test Designed date: 28/4/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: MD. Forhadul Islam		
ModuleName: Wishlist Check validations		Test Execution date: 28/4/2023		
Test Title: Wishlist button check field				
Description: Verify that the product is added to the wishlist when the wishlist button is clicked				
Precondition: The user is logged into the websites				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fa
1. Go to web site 2. Scroll down and see all of the product 3. If any of them you like then click the favorite options 4. Click the wishlist	User login credentials,	After clicking the Contract button, the user should be able to download the contract file.	Result as Expected	Pass
Post condition: The user can add or remove items from their wishlist without any issues				

Project Name: Lookoid		Test Designed by: MD. Forhadul Islam		
Test Case ID: FR_11		Test Designed date: 28/4/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: MD. Forhadul Islam		
ModuleName: Contact Check validations		Test Execution date: 28/4/2023		
Test Title: Contact button check field				
Description: To Verify that the contract button allows the user to download the correct contract file.				
Precondition: The contact file is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to web site 2. Click the contract button 3. Wait for the download to complete 4. Verify that the download file can be opened and read	Contract file available for download	After clicking the contract button the user should be able to download the contract information	Result as Expected	Pass
Post condition: The download file can be opened and read without any issues				

Project Name: Lookoid		Test Designed by: MD. Forhadul Islam		
Test Case ID: FR_12		Test Designed date: 28/4/2023		
Test Priority (Low, Medium, High): High		Test Executed by: MD. Forhadul Islam		
ModuleName: Track order validations		Test Execution date: 28/4/2023		
Test Title: Tracking an order				
Description: To verify that the track order options page allows the user to track their order correctly.				
Precondition: logged into the website, place an order, order id is available, billing email is available				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the track order options page 2. Enter the order Id 3. Enter the billing email 4. Click the track button	Order details Tracking ID Billig mail address	User should be able to enter their id and billing email, After click track button the tracking information should be displayed	Result as Expected	Fail
Post condition: The user can tract multiple order without any issues				



Project Name: Lookoid		Test Designed by: MD. Forhadul Islam		
Test Case ID: FR_13		Test Designed date: 28/4/2023		
Test Priority (Low, Medium, High): High		Test Executed by: MD. Forhadul Islam		
ModuleName: Cart validations		Test Execution date: 28/4/2023		
Test Title: Adding a product to the cart				
Description: To verify that the add to cart options page allows the user to add products to their cart correctly.				
Precondition: User logged into the website, select an product				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the shop page 2. Select a product 3. Select product color, size and quantity 4. Click add to cart button	Product details, size, color and quantity	User should be able to select the quantity, color, size. User should be able to multiple items to their cart without any issues. After clicking the cart button all item should be added to the user's cart.	Result as Expected	Pass
Post condition: The user cart has been updated to include the added item. User can view the added item on their cart				

Project Name: Lookoid		Test Designed by: MD. Forhadul Islam		
Test Case ID: FR_14		Test Designed date: 29/4/2023		
Test Priority (Low, Medium, High): High		Test Executed by: MD. Forhadul Islam		
ModuleName: Admin Add Product		Test Execution date: 29/4/2023		
Test Title: Upload a new Product				
Description: To verify that an admin can successfully add a new product to the website				
Precondition: The Admin is logged into the admin panel and has the necessary permissions to add a new product.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the admin panel 2. Click to the Add new product 3. Enter the required product information's 4. Set Product category 5. Set the product stock level 6. Set product images, price, size 7. Click Publish button	Product name, descriptions  Product price, images	Admin should be able to add a new product without getting an error. All product information should be save into the database correctly	Result as Expected	Pass
Post condition: The admin can be updating the product information if it necessary				

Project Name: Lookoid		Test Designed by: MD. Forhadul Islam		
Test Case ID: FR_15		Test Designed date: 29/4/2023		
Test Priority (Low, Medium, High): High		Test Executed by: MD. Forhadul Islam		
ModuleName: Admin Remove Product		Test Execution date: 29/4/2023		
Test Title: Remove any Product				
Description: To verify that an admin can successfully Remove the product from the website				
Precondition: The Admin is logged into the admin panel and has the necessary permissions to remove a product.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the admin panel 2. Click to the Remove product 3. Select the product 4. Click the trash button 5. Confirm that the admin want to remove 6. Verify that the product is no longer display	Product name, ID	Admin should be able to remove product without getting an error.	Result as Expected	Pass
Post condition: The admin can be updating the product information if it necessary				

Project Name: Lookoid			Test Designed by: Golam Kader		
Test Case ID: FR_16			Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): High			Test Executed by: Golam Kader		
Module Name: Shop button			Test Execution date: 25/04/2023		
Test Title: Shop button check					
Description: Verify that shows the list of product category					
Precondition: User must have valid account and data connection.					
Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button		Shop button information	Show the list of product category	As Expected	Pass
Post condition: User see the list of product category					

Project Name: Lookoid			Test Designed by: Golam Kader		
Test Case ID: FR_17			Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium			Test Executed by: Golam Kader		
Module Name: Shirt Button			Test Execution date: 25/04/2023		
Test Title: Shirt Button check					
Description: Verify that shows the list of Shirt					
Precondition: User must have login to the website and click shop then select shirt option.					
Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “Shirt” option		Shirt button information	Show the list of Shirt	As Expected	Pass
Post condition: User see the list of Shirt					

Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_18		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
Module Name: Panjabi Button		Test Execution date: 25/04/2023		
Test Title: Panjabi Button check				
Description: Verify that shows the list of Panjabi				
Precondition: User must have login to the website and click shop then select Panjabi option.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “Punjabi” option	Punjabi button information	Show the list of Punjabi	As Expected	Pass
Post condition: User see the list of panjabi				

Project Name: Lookoid			Test Designed by: Golam Kader	
Test Case ID: FR_19			Test Designed date: 25/04/2023	
Test Priority (Low, Medium, High): Medium			Test Executed by: Golam Kader	
ModuleName: Full sleeve Button			Test Execution date: 25/04/2023	
Test Title: Full sleeve Button check				
Description: Verify that shows the list of Full sleeves				
Precondition: User must have login to the website and click shop then select Full sleeve option.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “Full sleeve” option	Full sleeve button information	Show the list of Full sleeves	As Expected	Pass
Post condition: User see the list of Full sleeves				

Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_20		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
Module Name: T-Shirt Button		Test Execution date: 25/04/2023		
Test Title: T-Shirt Button check				
Description: Verify that shows the list of T-Shirt				
Precondition: User must have login to the website and click shop then select T-Shirt option.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “T-Shirt” option	T-Shirt button information	Show the list of T-Shirt	As Expected	Pass
Post condition: User see the list of T-Shirt				



Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_21		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
ModuleName: Hoodie Button		Test Execution date: 25/04/2023		
Test Title: Hoodie Button check				
Description: Verify that shows the list of Hoodie				
Precondition: User must have login to the website and click shop then select Hoodie option.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “Hoodie” option	Hoodie button information	Show the list of Hoodie	As Expected	Pass
Post condition: User see the list of Hoodie				

Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_22		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
ModuleName: Hoodie Button		Test Execution date: 25/04/2023		
Test Title: Hoodie Button check				
Description: Verify that shows the list of Hoodie				
Precondition: User must have login to the website and click shop then select Hoodie option.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “Hoodie” option	Hoodie button information	Show the list of Hoodie	As Expected	Pass
Post condition: User see the list of Hoodie				

Project Name: Lookoid			Test Designed by: Golam Kader	
Test Case ID: FR_23			Test Designed date: 25/04/2023	
Test Priority (Low, Medium, High): Medium			Test Executed by: Golam Kader	
ModuleName: Jogger’s Button			Test Execution date: 25/04/2023	
Test Title: Jogger’s Button check				
Description: Verify that shows the list of Jogger’s				
Precondition: User must have login to the website and click shop then select Jogger’s option.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Shop button 4. Select “Jogger’s” option	Jogger’s button information	Show the list of Jogger’s	As Expected	Pass
Post condition: User see the list of Jogger’s				

Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_24		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
ModuleName: Check Order Validation		Test Execution date: 25/04/2023		
Test Title: Order button check field				
Description: Verify that shows the list of ordered product				
Precondition:The user logged into the website and place order				
Test Steps	TestData	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Order button	Ordered product information	Show the list of ordered product	As Expected	Pass
Post condition: User see the list of ordered product				

Project Name: Lookoid			Test Designed by: Golam Kader	
Test Case ID: FR_25			Test Designed date: 25/04/2023	
Test Priority (Low, Medium, High): Medium			Test Executed by: Golam Kader	
ModuleName: Address Button			Test Execution date: 25/04/2023	
Test Title: Address button check field				
Description: Verify that shows the Billing address and shipping address				
Precondition:The user logged into the website and click address button				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Address button	Billing address and shipping address information	Show the Billing address and shipping address	As Expected	Pass
Post condition: User see the billing address and shipping address				

Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_26		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
ModuleName: Account Details validation check		Test Execution date: 25/04/2023		
Test Title: Account Details button check field				
Description: Verify that shows the details about user				
Precondition:The user logged into the website and click address button				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Account Details button	Account information	Show the details about user account	As Expected	Pass
Post condition: User see the billing address and shipping address				

Project Name: Lookoid		Test Designed by: Golam Kader		
Test Case ID: FR_27		Test Designed date: 25/04/2023		
Test Priority (Low, Medium, High): Medium		Test Executed by: Golam Kader		
ModuleName: Logout Session		Test Execution date: 25/04/2023		
Test Title: Verify Logout				
Description: Test Logout session				
Precondition:The user logged into the website and click Logout button				
Test Steps	TestData	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Login 3. Click on Logout button	Logout	Logout from website	As Expected	Pass
Post condition: User is validated with database and successfully logout				

## 8. TEM PASS/FAIL CRITERIA

- Unit test done in each and every module or feature
- All the modules added one by one and integration test done after every module integrated
- 100% integration test passed
- No major defects are outstanding
- Not more than 14 minor defects are outstanding
- Code coverage tools indicates all code covered
- Ensuring all critical Test Cases are passed
- Identifying and fixing all the high-priority defects

## 9. TEST DELIVERABLES

- Acceptance test plan
- System test plan
- Unit test plans
- Screen prototypes
- Defect/Incident reports and summaries
- Test logs and turnover reports

## 10. STAFFING AND TRAINING NEEDS

The importance of skilled personnel and teams in the construction and delivery of a project cannot be overstated. A team of skilled professionals is required to perform this job properly. Because the project can be finished on budget and on schedule with skilled workers and staff; otherwise, a lack of skilled workers can make it difficult to complete the project on time. As a result, it should be thoroughly tested to ensure that the personnel and workers are qualified for the project. To develop and ensure that various skill-based training sessions can be scheduled. Project manager, senior test engineer (test lead), junior test engineer, testing manager, database analyst and other professionals make up the team. If a senior test engineer is unavailable for a period of time, the project manager can take over or replace the junior engineer with someone who has the necessary abilities.

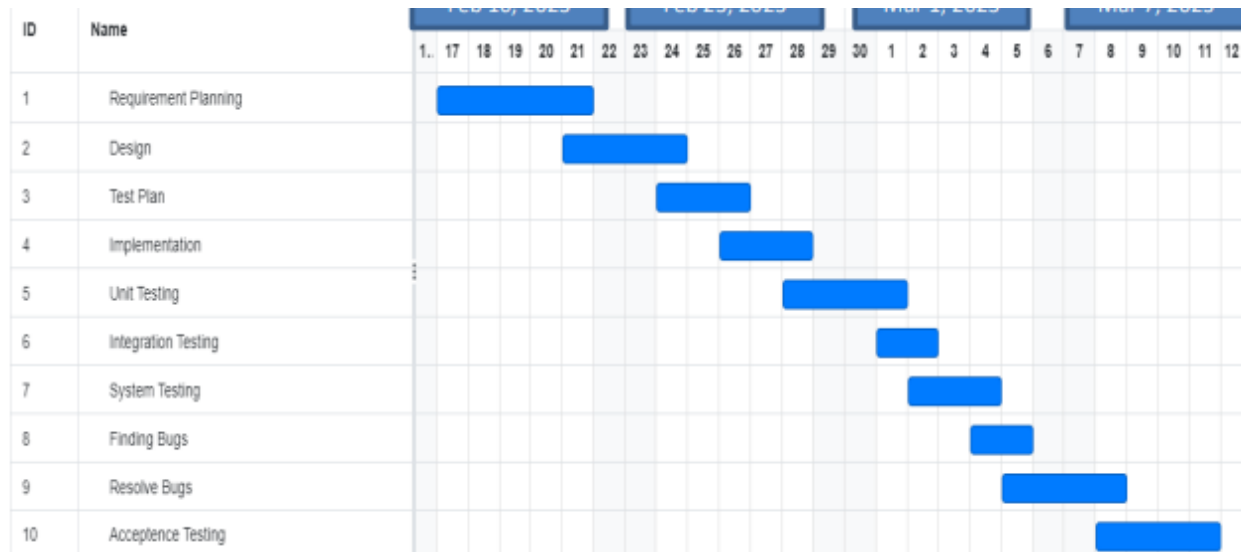
## 11. RESPONSIBILITIES

	TM	PM	Dev Team	Test Team	Client
Acceptance test documentation & execution	X	X			
System/Integration test documentation & execution	X	X			X
Unit test documentation & execution	X	X		X	X
System Design Reviews			X		X
Detail Design Reviews			X		X
Test procedures and rules	X	X		X	
Screen & Report prototype reviews			X		X
Change Control and regression testing	X	X	X	X	



## 12. TESTING SCHEDULE

Time has been allocated within the project plan for the following testing activities. The specific dates and times for each activity are defined in the project plan timeline. The persons required for each process are detailed in the project timeline and plan as well. Coordination of the personnel required for each task, test team, development team, management and customer will be handled by the project manager in conjunction with the development and test team leaders. Schedule must be done using any PM tool.



## 13. PLANNING RISKS AND CONTINGENCIES

- Planning for risks and contingency is essential for producing good project results. It is mostly applied to uncommon situations in project risk management. Supplier issues, If the product supplier goes out of business or can't meet with customer's needs, it can cause delays and lost sales. To mitigate this risk, have backup suppliers in place and establish strong relationships with them. Consider ordering a small test batch before committing to a large production run to ensure quality and reliability. As a result, it is crucial to follow these rules and act solely in the company's best interests.

## 14. APPROVALS

Project Sponsor- Md. Farhadul Islam	Approved
Development Management- Shahidul Islam Ifte	Approved
EDI Project Manager- Golam Kader	Approved
RS Test Manager- Shahidul Islam Ifte	Approved
RS development Team Manager- Md. Farhadul Islam	Approved
Reassigned Sales- Abdullah Al Noman	Approved
Order Entry EDI Team Manager- Golam Kader Chow	Approved