



Daffodil
International
University

Sobkinun.com

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This Project report has been submitted to fulfill the requirements for the Bachelor of
Science in Software Engineering.

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DECLARATION

As a result of this, I declare that I completed this project under the direction of Mr. Khalid Been Badruzzaman Biolob, Senior Lecturer in the Department of Software Engineering at Daffodil International University. This also declares that neither this project nor any part has presented any degree awards anywhere else.

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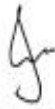
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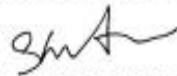
This project titled on "A web based ecommerce application Sobkinun.com", submitted by Abdullah Al Mamun (ID: 181-35-2360) to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

BOARD OF EXAMINERS



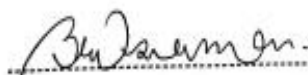
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ACKNOWLEDGEMENT

I have worked a lot on this project. Still, it would be unimaginable without the kind help of countless people. Perhaps I want to express my seriousness for each of them. I am very grateful for the guidance of Daffodil International University and the continuous supervision of Mr. Khalid Been Badruzzaman Biolob for providing the necessary information about the idea and helping me complete my tasks. I want to thank our parents, classmates, and DIU members for their kind cooperation and comfort, who helped me achieve my mission.

PROJECT SUMMARY

Sobkinun.com is an online e-commerce program that aims to provide customers with an innovative online shopping experience. This application will help people buy goods online, such as groceries, electronics, food items, furniture, digital products, etc. Users can purchase any things just with some clicks. This web-based application will manage by admins, who will upload products, maintain quality, and sort out by category and related images to find the product quickly. This system will save customers time and help them get their goods online. User can choose their main category from the catalog. Then the system will show lots of related products under the main category. By this, customers can easily save time and get their goods online. Customers can inquire about products or services at any time, from any location, and place orders. Customers may access the system, select items from any categories, register or login for an order, and proceed to checkout. Customers can pay for their purchases online. They can also read and write product reviews. HTML5, CSS3, react, and tailwind CSS was used to build the system. PHP was used in the backend. Now, I focus more on the user interface because this platform may provide a customer with a complete solution that is adaptable and user-friendly.

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CHAPTER 1: INTRODUCTION

Nowadays, everyone is interested in new technology. People want to know about the latest technology. This E-commerce platform will be a new place for customers to purchase products. This system is intended to make purchasing for buyers convenient and straightforward. Customers will be benefited from this system which creates a good relationship with their customers. Customers can easily place an order. Traditional commerce requires a person to go out and get items, but this E-commerce platform made it much easier for humans to eliminate physical labor and save time.

1.1 Project Background

Sobkinun.com is a web-based application. There will be two entities with access to the system. One is the customers, and another is the admins. This system facilitates product browsing, checking, and purchasing. A customer can view each product's detailed specifications. If a customer wants to order goods, the customer has to be registered in this system. Customers can search for goods and see reviews without registration or logging into the system. This program allows people to buy groceries, gadgets, food, furniture, digital products, and other goods online. This system offers 24-hour support. Customers can check reviews before ordering any products. After logging in, the customer can see all of the products the system has recommended on the site based on the user's data. Then the customer can see the specifics of the recommended items and add them to their shopping cart if they want to buy them. Customers can provide reviews on their purchased items. In this system, all the items will be grouped into categories. So the customer can easily find the product. Customers will also be able to search for products. The customer can pay for the items online after selecting them. Customers can also check their order history. The administrator has full access to the

system. Admin can add or delete products. Admin can edit product description. This system will generate a report for every purchase.

1.2 Problem Statement

- The basic issue with existing systems is that they give users a non-interactive experience.
- Traveling to a specific store to purchase products takes a long time.
- Transactions, product interactions, and product purchases were made by hand, which took a long time.
- Manually maintaining reports is very difficult.
- Sometimes the customer goes to the store but does not get the product.
- To view the product description, customers need to go to the shop.

1.3 Targets

This project aims to allow customers to order products and sellers to manage sales and pay bills online.

- Customers may quickly browse for products, read detailed product descriptions, and place orders.
- To system make shopping method more convenient and time efficient.
- Customers can read other customer's reviews.
- A customer can see the entire product specification as well as many photos.
- Online retailers can offer their products anywhere at any time during the week.
- To allow customers to pay for products online.

1.4 Stakeholders

There are three categories of stakeholders. They are-

- **Owner**
- **Admin**
- **Customer**

1.5 Project Schedule

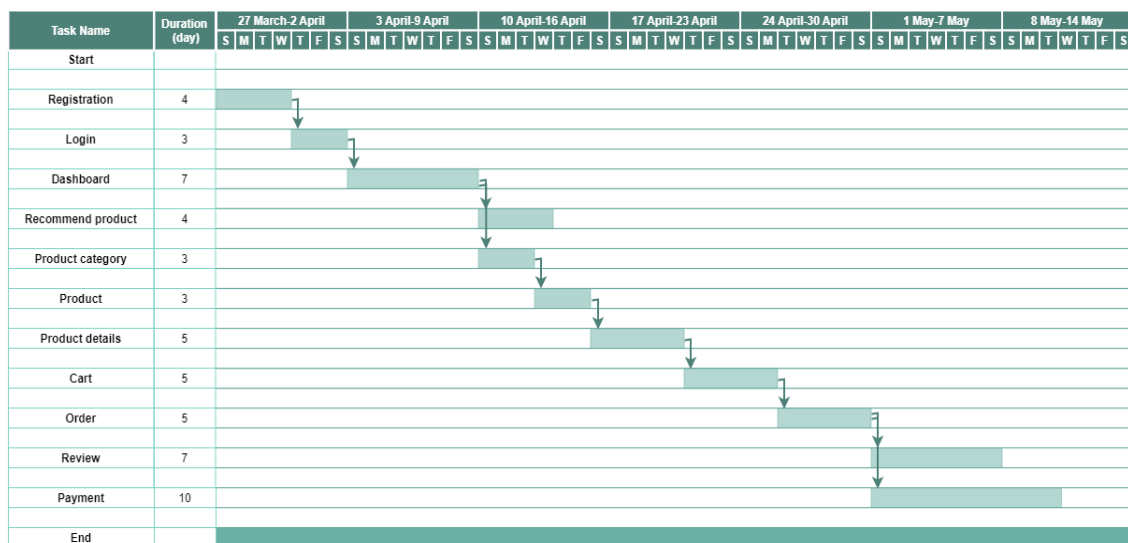
Tasks List	Task_Id	Initiate Time	Running time (day)	Finish Time	Dependency relationship & Milestones
Registration	ID01	27/03/2022	5	31/03/2022	
Login	ID02	01/04/2022	3	03/04/2022	ID01&M1
Dashboard	ID03	04/04/2022	7	11/04/2022	ID01, ID02&M2
Recommend product	ID04	12/04/2022	4	15/04/2022	ID03
Product category	ID05	12/04/2022	3	14/04/2022	ID03
Product	ID06	15/04/2022	3	17/04/2022	ID05
Product Details	ID07	18/04/2022	5	22/04/2022	ID06&M3
Cart	ID08	23/04/2022	5	27/04/2022	ID01, ID02, ID07
Order	ID09	28/04/2022	5	02/05/2022	ID08&M4
Review	ID10	03/05/2022	7	09/05/2022	ID02, ID06, ID09
Payment	ID11	03/05/2022	10	12/05/2022	ID09&M5

1.6 Release Plan

Here is the release date & version.

Version Name	Version Details	Date
V0.1 (Beta version)	Complete User interface	20-05-2022

1.6.1 Gantt Chart



CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirement (FR)

2.1.1 Registration

FR_Id1	Registration
Description	To order products, the customer must be registered.
Stakeholders	Customer

2.1.2 Login

FR_Id2	Login
Description	The customer and the admin must be logged in to order products and maintain the system.
Stakeholders	Customer & Admin

2.1.3 Dashboard

FR_Id3	Dashboard
Description	After login, the customer and admin can see the dashboard.
Stakeholders	Customer & Admin

2.1.4 Product category

FR_Id4	Product category
Description	All the items are grouped into different categories.
Stakeholders	Customer

2.1.5 Product

FR_Id5	Product
Description	Customers can see the products without registration or login.
Stakeholders	Customer

2.1.6 Product details

FR_Id6	Product details
Description	Customers can see product details before purchasing.
Stakeholders	Customer

2.1.7 Cart

FR_Id7	Cart
Description	Customers can store selected products in the Cart for purchase.
Stakeholders	Customer

2.1.8 Order

FR_Id8	Order
Description	Customers can order various items based on their needs.
Stakeholders	Customer

2.1.9 Payment

FR_Id9	Payment
Description	Customers can make online payments for their purchases.
Stakeholders	Customer

2.1.10 Review

FR_Id10	Review
Description	Customers can read and write reviews.
Stakeholders	Customer

2.1.11 Manage product

FR_Id11	Manage product
Description	Admin can add/delete products.
Stakeholders	Admin

2.1.12 Manage review

FR_Id12	Manage review
Description	Admin can delete the review.
Stakeholders	Admin

2.1.13 Manage customer

FR_Id13	Manage customer
Description	Admin can delete customers.
Stakeholders	Admin

2.2 Non-functional Requirement (NFR)

2.2.1 Performance Requirements

Speed	The application will load in 2 seconds.
Accuracy	This application will display a descriptive error message for wrong activities.
Alert	This application will display an alert for all activities.

2.2.2 Dependability Requirements

Reliability	Fast response
Availability	The system will be accessible at the timeline.
Robustness	The system will solve any problem early.

2.2.3 Maintainability Requirements

Maintenance	Manage the backend server at all times.
Adaptability	User-friendly interface.
Scalability	Every requirement is fulfilled.

2.2.4 Security Requirements

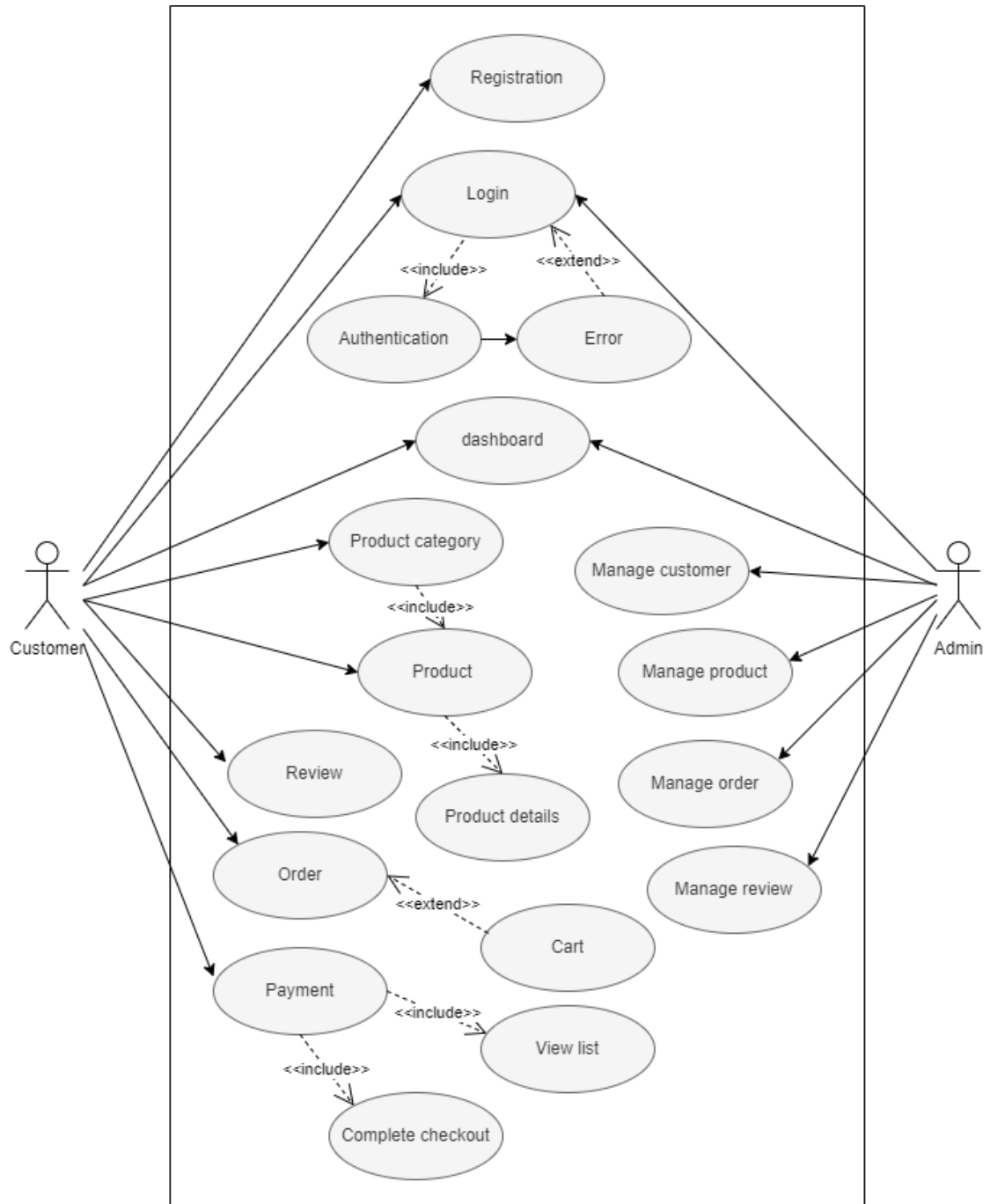
Access	The system is entirely under the min's control.
Integrity	This system keeps a backup database.

2.2.5 Usability Requirements

Usability	Customer can edit their information.
Understandability	Customer can
Accessibility	The system is simple to grasp for the user.

CHAPTER 3: SYSTEM ANALYSIS

3.1 Use Case Diagram



3.2 Use Case Description

3.2.1 Registration

Use Case Title	Registration	
Description	To place orders, customers must first register on this website.	
Actors	Customer	
Pre-Condition	Provide all information.	
Main Scenarios	Steps	Action
	1	Enter data.
	2	Verify data.
	3	It was successfully registered.
Variations	1a	All data must be filled out.
	2a	For invalid data, return an error message.
	2b	Return the customer to the register page.
	3a	The system fails to register.
Post Condition	The customer will be directed to the dashboard after successfully registering.	

3.2.2 Login

Use Case Title	Login	
Description	The customer and the admin must be logged in to order products and maintain the system.	
Actors	Customer, Admin	
Pre-Condition	Provide all information.	
Main Scenarios	Steps	Action
	1	Enter data.
	2	Verify data.
	3	Successfully login.
Variations	1a	All data must be filled out.
	2a	For invalid data, return an error message.
	3a	Fail to login.
Post Condition	The customer will be directed to the dashboard after successfully logging in.	

3.2.3 Dashboard

Use Case Title	Dashboard	
Short Description	After login, the customer and admin can see the dashboard.	
Actors	Customer, Admin	
Pre-Condition	Log in or register to the system	
Main Scenarios	Steps	Action
	1	Visit site
	2	Enter registration or login data.
	3	The dashboard will be redirected.
Variations	1a	All data must be filled out.
	2a	For invalid data, return an error message.
	3a	Fail to view dashboard.
Post Condition	Customers and admin can see all information.	

3.2.4 Product category

Use Case Title	Product category	
Short Description	All the products are grouped into different categories.	
Actors	Customer	
Pre-Condition	Visit the system.	
Main Scenarios	Steps	Action
	1	Visit site.
	2	Search Category
	3	View category details.
Variations	1a	Visit the right site.
	2a	For invalid data, return an error message.
	3a	Fail to view category details.
Post Condition	Customers can view many items from different categories.	

3.2.5 Product

Use Case Title	Product	
Short Description	Customers can see different items without registration or login.	
Actors	Customer	
Pre-Condition	Search product category	
Main Scenarios	Steps	Action
	1	Visit site.
	2	Search category or product.
	3	View product
Variations	1a	For invalid data, return an error message.
	3a	Unable to see the product.
Post Condition	Customers can view product details.	

3.2.6 Product details

Use Case Title	Product details	
Short Description	Customers can see product details before purchasing, including product price.	
Actors	Customer	
Pre-Condition	Select product	
Main Scenarios	Steps	Action
	1	Visit site
	2	Search category or product.
	3	Select product
	4	View details.
Variations	1a	For invalid data, return an error message.
	3a	Fail to select the product.
	4a	Unable to view product details.
Post Condition	After viewing the details, customers can add the product to the Cart.	

3.2.7 Cart

Use Case Title	Cart	
Short Description	Customers can add items to their shopping carts.	
Actors	Customer	
Pre-Condition	Order product	
Main Scenarios	Steps	Action
	1	Visit site
	2	Search Category
	3	Select product
	4	Register or log in to the site.
	5	Store items in the Cart.
Variations	1a	For invalid data, return an error message.
	4a	Enter valid data.
	4b	For invalid data, return an error message.
Post Condition	The customer will order items.	

3.2.8 Order

Use Case Title	Order	
Short Description	Customers can order different items as per their needs.	
Actors	Customer	
Pre-Condition	Select product	
Main Scenarios	Steps	Action
	1	Visit site
	2	Search Category
	3	Select product
	4	Register or log in to the site.
	5	Store selected products in the Cart.
	6	Place order
Variations	1a	For invalid data, return an error message.
	4a	Enter valid data.
	4b	For invalid data, return an error message.
	5a	Provide valid data for Order
Post Condition	Customers will get ordered products.	

3.2.9 Payment

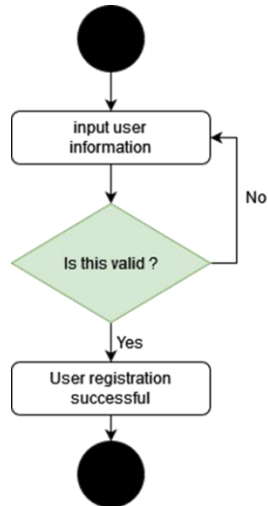
Use Case Title	Payment	
Short Description	Customers can make online payments for their purchases.	
Actors	Customer	
Pre-Condition	Select product	
Main Scenarios	Steps	Action
	1	Visit site
	2	Search Category
	3	Select product
	4	Register or log in to the site.
	5	Order product.
	6	Make payment.
Variations	4a	Provide valid data.
	4b	For invalid data, return an error message.
	5a	Provide valid data for Order.
	6a	Provide valid data for payment.
	6b	For invalid data, return an error message.
Post Condition	Successfully make payment.	

3.2.10 Review

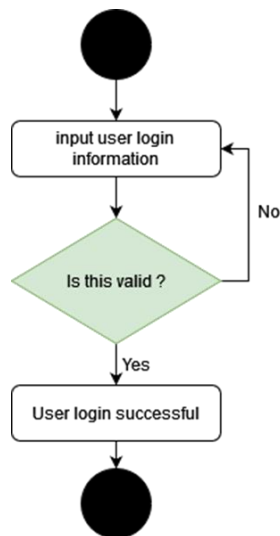
Use Case Title	Review	
Short Description	Customers can read and write reviews.	
Actors	Customer	
Pre-Condition	Select product	
Main Scenarios	Steps	Actions
	1	Visit site
	2	Search product.
	3	View review.
	4	Provide review
	5	Register or log in to the site.
	6	Provide review.
Variations	5a	Provide valid data.
	5b	For invalid data, return an error message.
Post Condition	Upload/view review	

3.3 Activity Diagram (Customer)

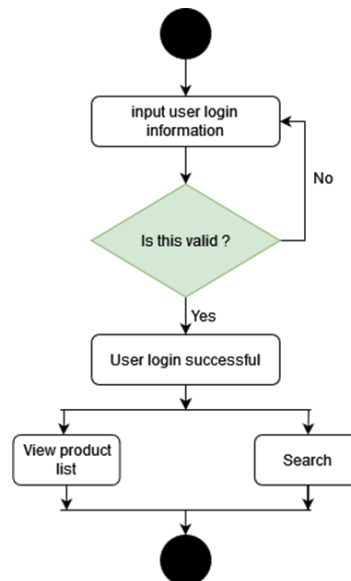
3.3.1 Customer Registration



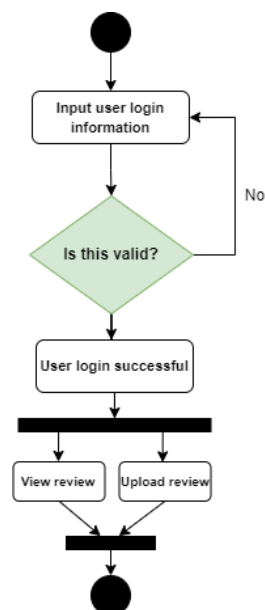
3.3.2 Customer login



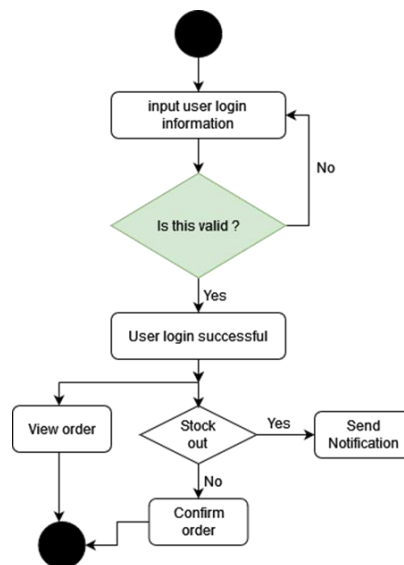
3.3.3 View product



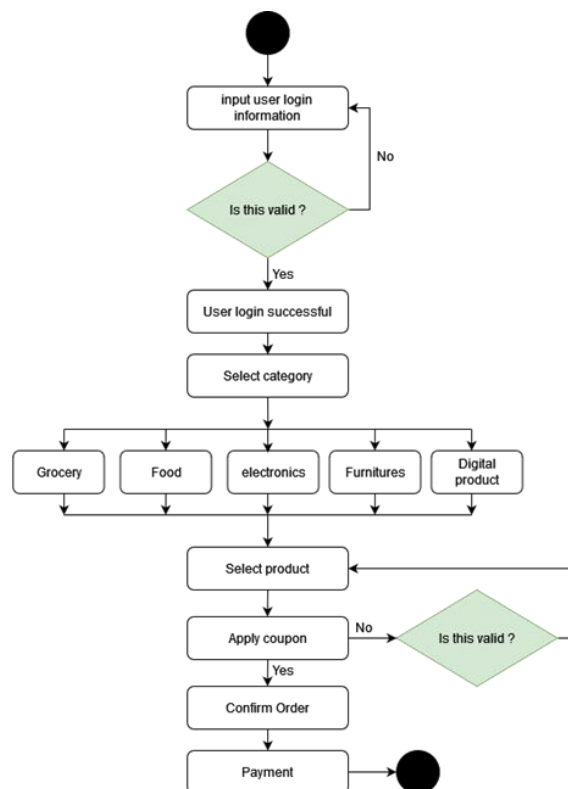
3.3.4 Review



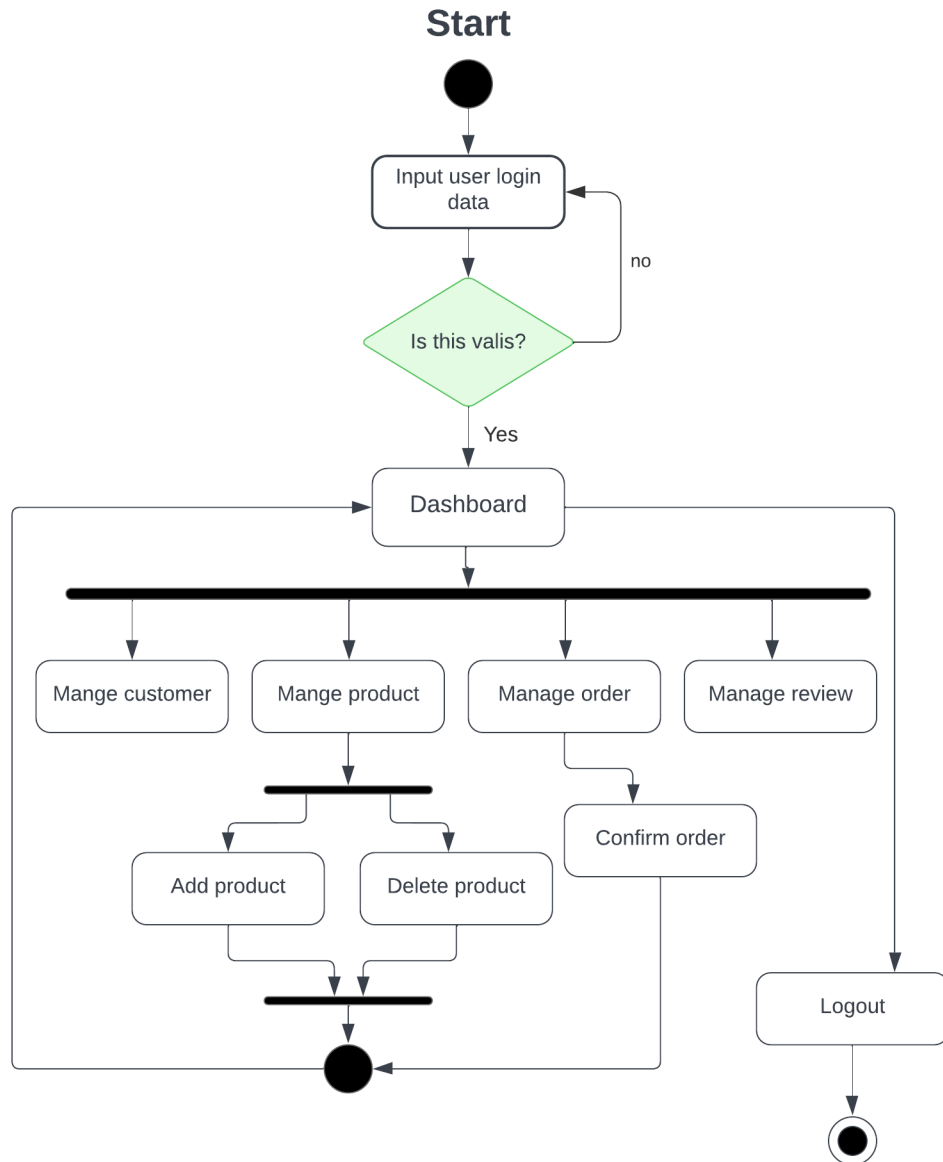
3.3.5 Order product



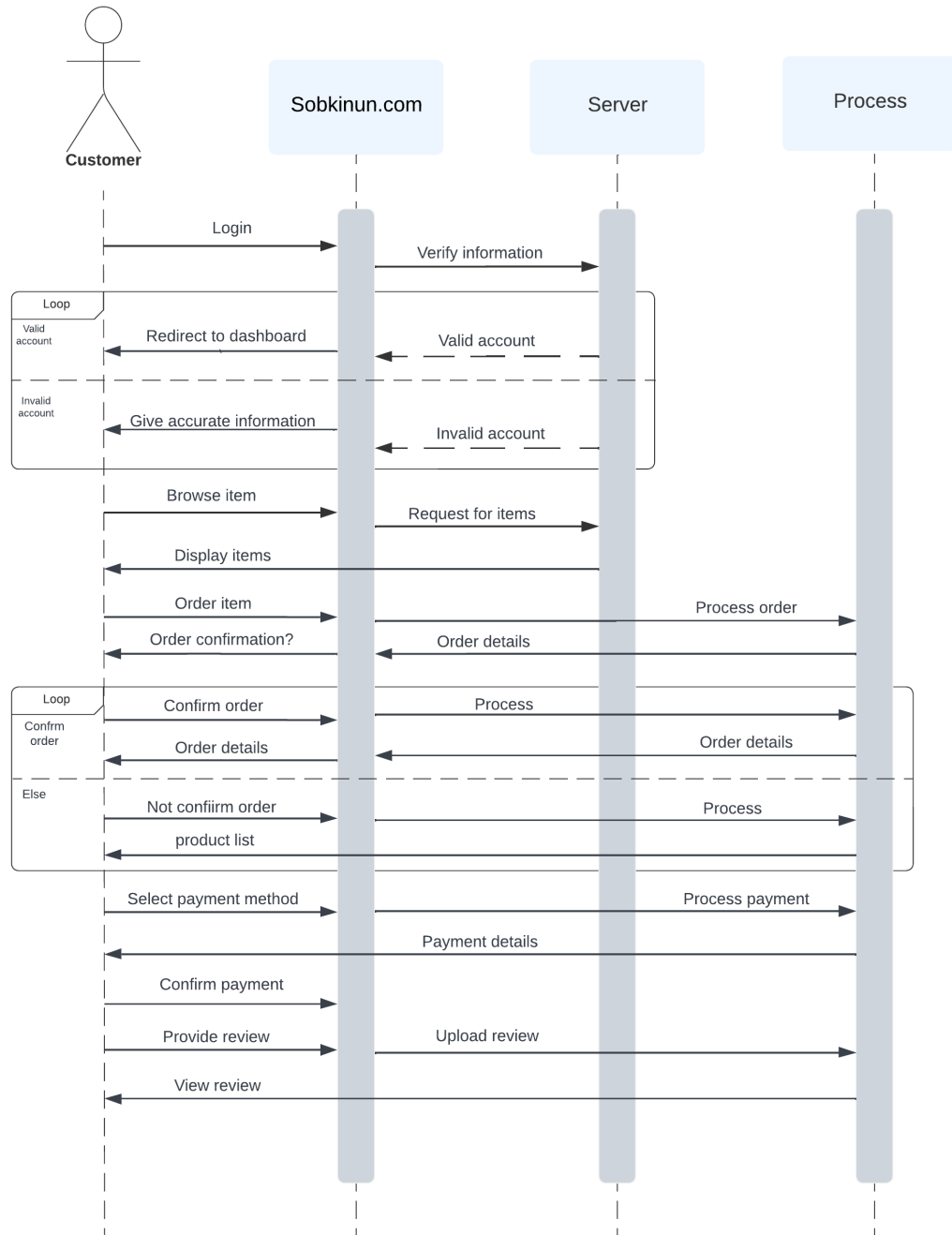
3.3.5 Payment



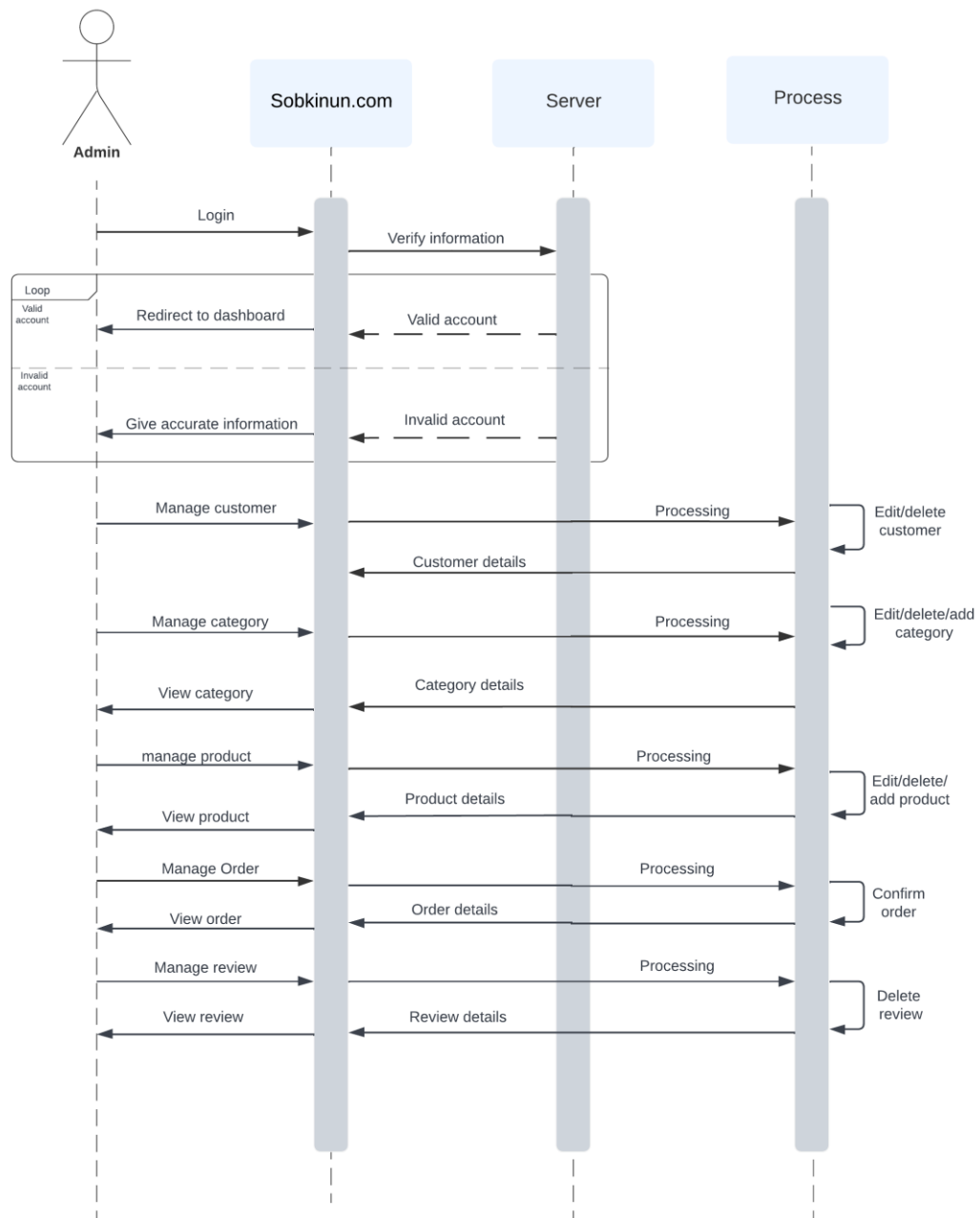
3.4 Activity Diagram (Admin)



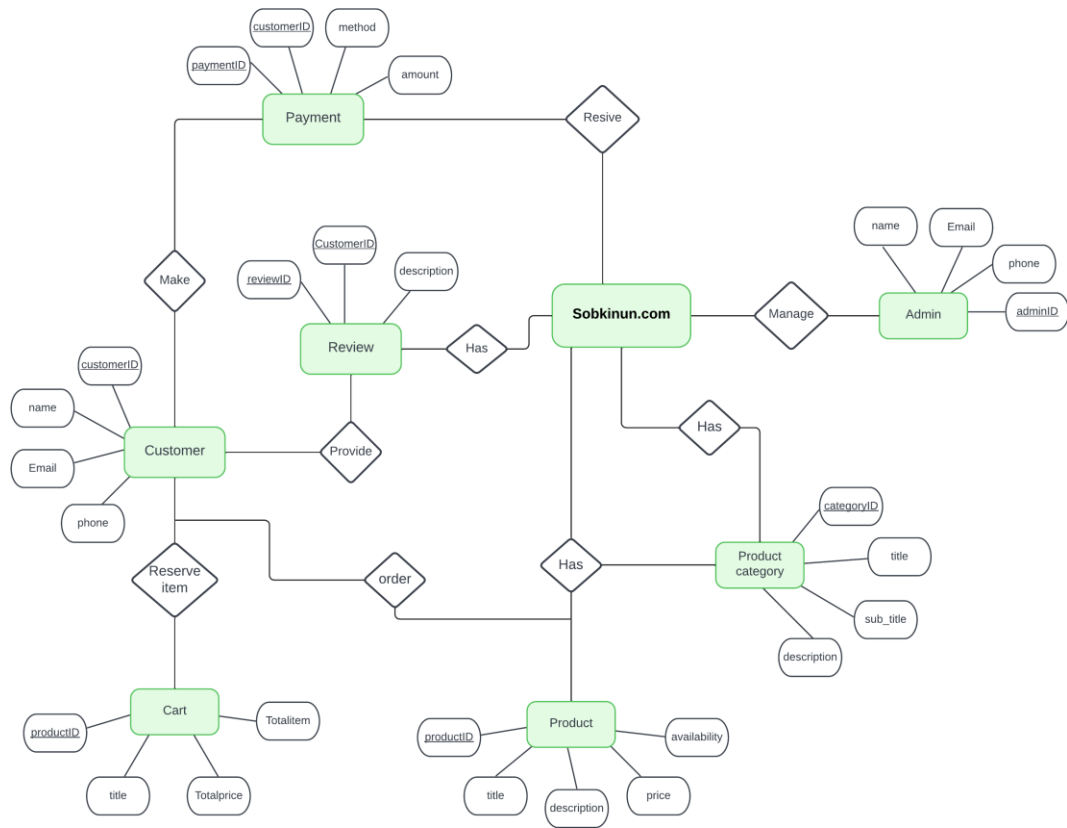
3.5 Sequence Diagram (Customer)



3.6 Sequence Diagram (Admin)

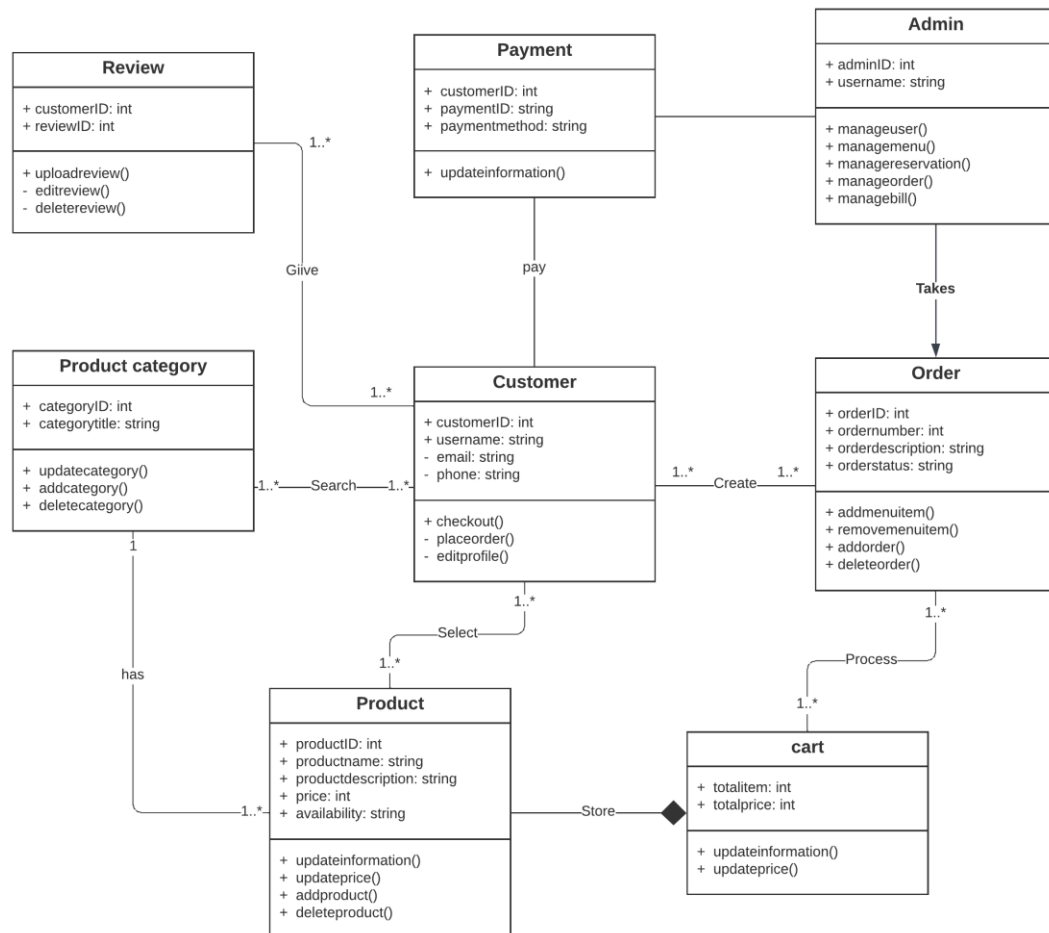


3.7 E-R Diagram



Chapter 4: System Design Specification

4.1 Class Diagram



4.2 Development Tools & Technology

User Interface Technology	HTML5
	CSS3
	React
	Tailwind CSS
	PHP
Implementation Tools & Platforms	Visual Studio

CHAPTER 5: SYSTEM TESTING

5.1 Testing Features

The tested features are given below.

5.1.1 Features to be tested

Test case	Test Title	Description	Priority
1	Registration	To order from this site, customers must be registered.	2
2	Login	Admin & customers can log in	2
3	Dashboard	Customers and administrators can access the dashboard after logging in.	3
4	Product category	All of the products are divided into categories.	2
5	Product	Customers can view various items without registering or logging in.	2
6	Product details	Before making a purchase, customers can view product details, including the price.	2
7	Cart	Customers can fill their shopping carts with items.	3
8	Order	Customers can order various things based on their needs.	3
9	Payment	Customers can read and post customer reviews.	3
10	Review	Customers can pay for their purchases online.	2

5.1.2. Test-case Table

System Name: Sobkinun.com					
Test case no: 1			Executed by: Abdullah Al Mamun		
Module name: Registration			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Customers must register to place a purchase on this website.					
Pre-Condition: Visit the site.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID01	Verify Registration	1. Visit site. 2. Provide data. 3. Click submit.	Redirect to the dashboard	Fail	Give accurate data.
ID02	Verify Registration	1. Visit the site. 2. Provide data. 3. Click submit.	Redirect to the dashboard	Fail	Give accurate data.
ID03	Verify Registration	1. Visit the site. 2. Provide data. 3. Click submit.	Redirect to the dashboard	Pass	Obtain target
Post Condition: View the dashboard					

System Name: Sobkinun.com					
Test case no: 2			Executed by: Abdullah Al Mamun		
Module name: Login			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Customers and administrators can both login.					
Pre-Condition: Visit the site.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID04	Verify login	3. Visit site. 4. Provide data. 3. Click submit.	Redirect to the dashboard	Fail	Give accurate data.
ID05	Verify login	1. Visit the site. 2. Provide data. 3. Click submit.	Redirect to the dashboard	Fail	Give accurate data.
ID06	Verify login	1. Visit the site. 2. Provide data. 3. Click submit.	Redirect to the dashboard	Pass	Obtain target
Post Condition: View the dashboard					

System Name: Sobkinun.com					
Test case no: 3			Executed by: Abdullah Al Mamun		
Module name: Dashboard			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 3			Executed date: 20/05/2022		
Short-Description: After logging in, customers and administrators can access the dashboard.					
Pre-Condition: Visit the site.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID07	Verify Dashboard	1. Visit site. 2. Provide data. 3. Click submit. 4. View dashboard.	View Dashboard	Fail	Give accurate data.
ID08	Verify dashboard	1. Visit the site. 2. Provide data. 3. Click submit. 4. View the dashboard.	View Dashboard	Fail	Give accurate data.
Post Condition: View the product					

System Name: Sobkinun.com					
Test case no: 4			Executed by: Abdullah Al Mamun		
Module name: Product category			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short Description: All of the products are divided into various categories.					
Pre-Condition: Search category.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID09	Verify product category.	1. Visit site. 2. Log in or register. 3. Search category.	Can view product.	Pass	Obtain target
ID10	Verify dashboard	1. Visit the site. 2. Provide data. 3. Click submit. 4. View the dashboard.	Can view product.	Fail	Give accurate data.

Post Condition: View the product

System Name: Sobkinun.com					
Test case no: 5			Executed by: Abdullah Al Mamun		
Module name: Product			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Customers can browse through various things without having to register or log in.					
Pre-Condition: Search category.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID11	Verify product category.	1. Visit site. 2. Search category. 3. View product.	Can view product.	Pass	Obtain target
ID12	Verify product category.	1. Visit the site. 2. Search category. 3. View product.	Can view product.	Fail	Give accurate data.
Post Condition: View product					

System Name: Sobkinun.com					
Test case no: 6			Executed by: Abdullah Al Mamun		
Module name: Product details			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Before making a purchase, customers can view product details, including the pricing.					
Pre-Condition: Click product.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID13	Verify product details.	1. Visit site. 2. Search category. 3. View product. 4. View details.	View product details.	Fail	Give accurate data.
ID14	Verify product details.	1. Visit site. 2. Search category. 3. View product. 4. View details.	View product details.	Pass	Obtain target
Post Condition: Can purchase product.					

System Name: Sobkinun.com					
Test case no: 7			Executed by: Abdullah Al Mamun		
Module name: Cart			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Before making a purchase, customers can view product details, including the pricing.					
Pre-Condition: Select product.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID15	Verify Cart.	1. Visit site. 2. View product. 3. Select product.	Store product in Cart.	Fail	Give accurate data.
ID16	Verify Cart	1. Visit site. 2. View product. 3. Select product.	Store product in Cart.	Fail	Give accurate data.
ID17	Verify Cart.	1. Visit site. 2. View product. 3. Select product.	Store product in Cart.	Pass	Obtain target
Post Condition: Purchase product.					

System Name: Sobkinun.com					
Test case no: 8			Executed by: Abdullah Al Mamun		
Module name: Order			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Customers can order various items based on their requirements.					
Pre-Condition: Select product.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID18	Verify Order.	1. Visit site. 2. View product. 3. Select product. 4. Order product.	Can order product.	Fail	Give accurate data.
ID19	Verify Order.	1. Visit site. 2. View product. 3. Select product.	Can order product.	Pass	Obtain target

		4. Order product.			
Post Condition: Paid the purchase.					

System Name: Sobkinun.com					
Test case no: 9			Executed by: Abdullah Al Mamun		
Module name: Payment			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 3			Executed date: 20/05/2022		
Short-Description: Customers can pay for their products via the internet.					
Pre-Condition: Purchase product.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID20	Verify payment option.	1. Visit site. 2. Select product. 3. Order product. 4. Pay the bill.	Can pay bill.	Pass	Obtain target.
ID21	Verify payment option.	1. Visit site. 2. Select product. 3. Order product. 4. Pay bill.	Can pay bill.	Fail	Give accurate data.
ID22	Verify payment option.	1. Visit site. 2. Select product. 3. Order product. 4. Pay bill.	Can pay bill.	Pass	Obtain target.
Post Condition: Get product.					

System Name: Sobkinun.com					
Test case no: 10			Executed by: Abdullah Al Mamun		
Module name: Review			Created by: Abdullah Al Mamun		
Version: V0.1 (Beta version)			Creation date: 18/05/2022		
Priority no: 2			Executed date: 20/05/2022		
Short-Description: Customers have the option of reading and writing reviews.					
Pre-Condition: Purchase product or view product.					
Case_Id	Test Scenario	Action	Response	Pass/Fail	Comment
ID23	Check review option.	1. Visit site. 2. Select product. 3. View or upload review.	Can view or provide a review.	Fail	Give accurate data.
ID24	Check the review option.	1. Visit the site. 2. Select a product. 3. View or upload a review.	Can view or provide a review.	Pass	Obtain target.
Post Condition: Successfully view or upload a review.					

5.1.3 Traceability Matrix

Requirement No	Test Title	Test case Id	Result
1	Registration	ID01, ID02, ID03	ID01: Fail ID02: Fail ID03: Pass
2	Login	ID04, ID05, ID06	ID04: Fail ID05: Fail ID06: Pass
3	Dashboard	ID07, ID08	ID07: Fail ID08 Pass
4	Product category	ID09, ID10	ID09: Pass ID10: Fail
5	Product	ID11, ID12	ID11: Pass ID12: Fail
6	Product details	ID13, ID14	ID13: Fail ID14: Pass
7	Cart	ID15, ID16, ID17	ID15: Fail ID16: Fail ID17: Pass
8	Order	ID18, ID19	ID18: Fail ID19: Pass
9	Payment	ID20, ID21, ID22	ID20: Pass ID21: Fail ID22: Pass
10	Review	ID23, ID24	ID23: Fail ID24: Pass

CHAPTER 6: USER MANUAL

User

(Registration page)

LUCKYSHOP
Online Super Market!

 Search entire store here.





 0 Items - \$0.00

HOME

SHOP

MEGA MENU

PAGES

CONTACT US

BLOG

[Home](#) / [Authentication](#)

Create an Account

~~~~~

Please enter your email address to create an account!

CREATE

Already Registered?

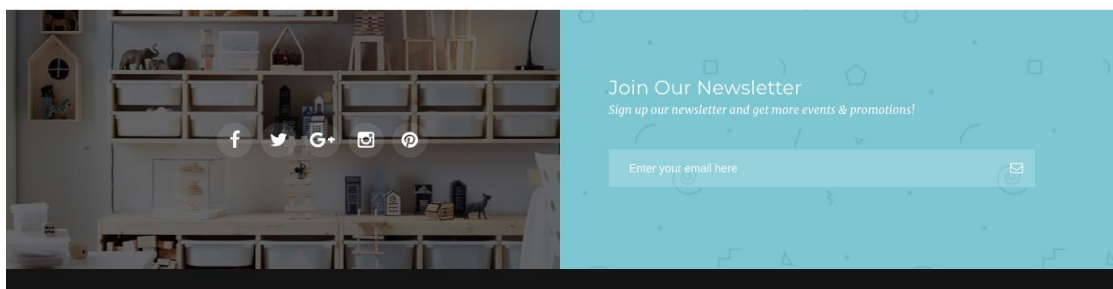
~~~~~

If you have an account please enter the username & password here!

☐ Remember me

LOGIN

[Forgot your password ? Click Here](#)



(Blog page)

LUCKYSHOP
Online Super Market!

Search entire store here

0 Items - \$0.00

HOMESHOPMEGA MENUAGESCONTACT USBLOG

Home / Blogs

Categories

Furniture(20)

Lighting(19)

Kitchen & Dining(11)

Bath(7)

Home Decor(3)

Bedroom(15)

Outdoor(9)

Home Improvement(21)

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Read more

(Product page)

LUCKYSHOP
Online Super Market!

Search entire store here

0 Items - \$0.00

HOME

SHOP

MEGA MENU

PAGES

CONTACT US

BLOG

Home / Clothing / ArchitectMade Oscar Figure





ArchitectMade Oscar Figure

\$75.00

Available: ✓ In stock

★★★★☆ (3 reviews)

Quick Overview: Mauris eu euismod tellus curabitur a neque in nulla iaculis facilisis. Proin sit amet semper justo, eget lacinia nulla. Nullam ante purusauc or in felis. Cras rutrum vel tortor et euismod...

Select Color:

✓

Select Size:

S

M

L

XL

Select Quantity:

01

ADD TO CART

Product Descriptions

Product Tags

Customer Reviews

Mauris eu euismod tellus curabitur a neque in nulla iaculis facilisis. Proin sit amet semper justo, eget lacinia nulla. Nullam ante purusaucor in felis.Cras rutrum vel tortor et euismod. Curabitur nulla ante, vehicula ut bibendum ut, varius non mi. Nullam luctus ultrices elit, eu consectetur enim suscipit eget.

Dimensions:
Height: 13cm x Length: 15cm

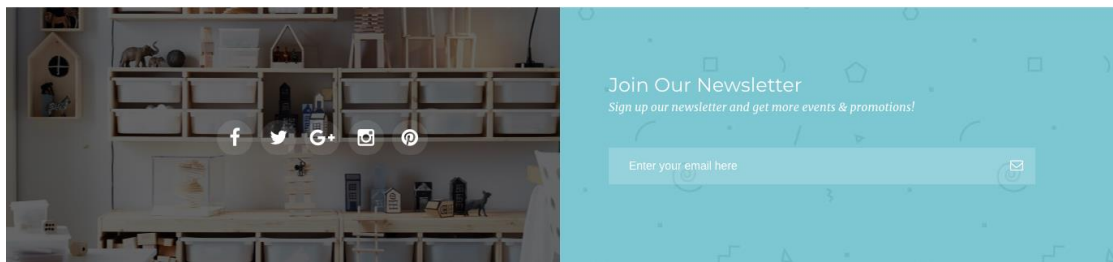
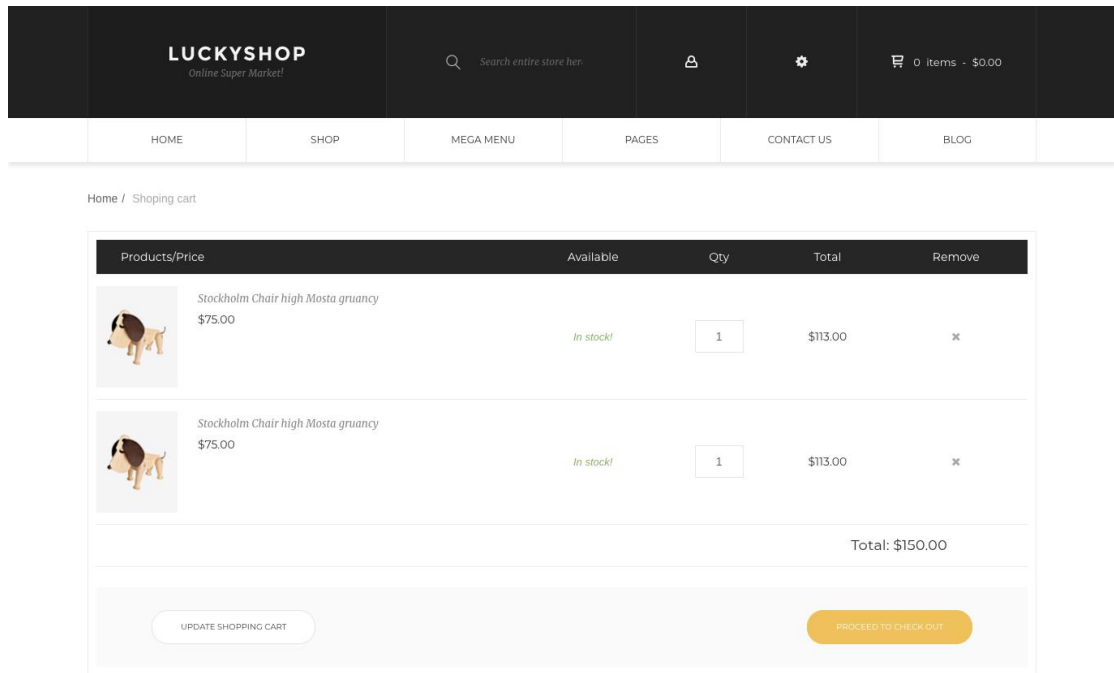
Materials & finishes
Handmade in beechwood

UPSELL PRODUCTS

34

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(Cart page)



(Checkout page)

LUCKYSHOP
Online Super Market!

 *Search entire store here*





 0 Items - \$0.00

HOME

SHOP

MEGA MENU

PAGES

CONTACT US

BLOG

Home / Checkout

Billing Address

Ship to a different address

Your Order

Product	Total
Oversize Fit Trousers Sneaker	\$113.00
Oversize Fit Trousers Sneaker	\$113.00
Subtotal	\$501.00
Subtotal	International
Coupon Discount	10%
Total	\$501.00

PROCEED TO CHECK OUT

Your Payment

☐ Direct Bank Transfer

Nulla laoreet ipsum dignissim magna maximus, vitae euismod turpis iaculis sedtra lacus sit amet dui consequat dignissim bibendum ullamcorper sem.

☐ Cash on delivery

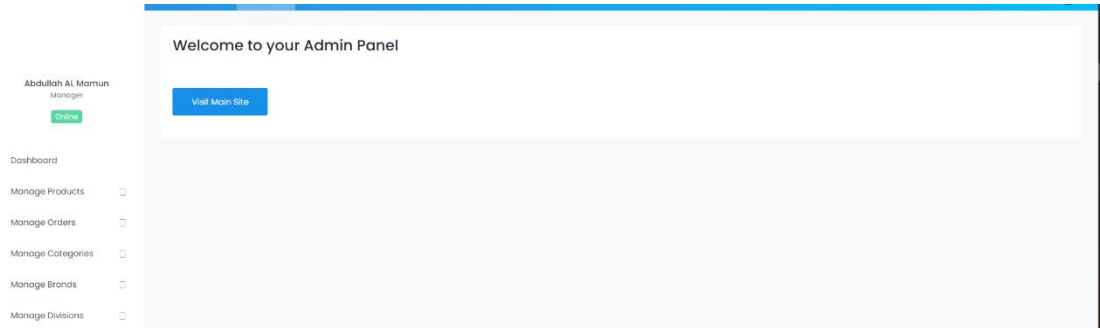
Nulla laoreet ipsum dignissim magna maximus, vitae euismod turpis iaculis sedtra lacus sit amet dui consequat dignissim bibendum ullamcorper sem.

☐ Paypal

Nulla laoreet ipsum dignissim magna maximus, vitae euismod turpis iaculis sedtra lacus sit amet dui consequat dignissim bibendum ullamcorper sem.

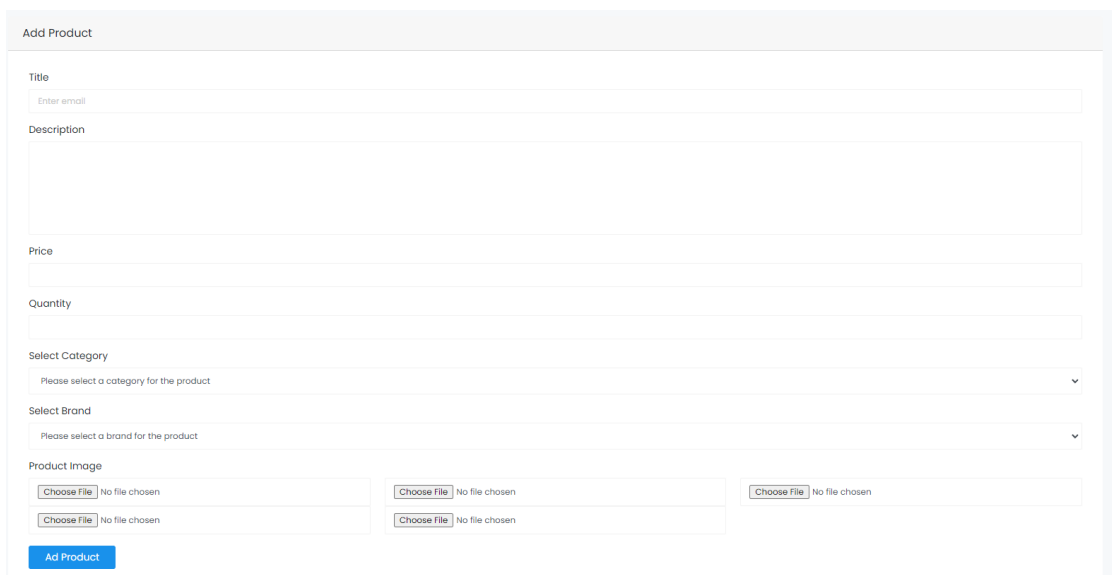
(Admin)

(Admin panel)



The screenshot shows an Admin Panel dashboard. On the left is a sidebar with the user name 'Abdullah Al Mamun Manager' and a 'Logout' button. Below the name is a 'Dashboard' link. Further down are links for 'Manage Products', 'Manage Orders', 'Manage Categories', 'Manage Brands', and 'Manage Divisions', each with a small square icon. The main content area has a header 'Welcome to your Admin Panel' with a 'Visit Main Site' button. Below the header is a large, empty light gray box.

(Add product page)



The screenshot shows an 'Add Product' form. It has a title 'Add Product' at the top. The form fields are: 'Title' (text input), 'Description' (text area), 'Price' (text input), 'Quantity' (text input), 'Select Category' (dropdown menu with the text 'Please select a category for the product'), 'Select Brand' (dropdown menu with the text 'Please select a brand for the product'), and 'Product Image' (three file upload buttons, each with the text 'Choose File' and 'No file chosen'). At the bottom is a blue 'Add Product' button.

(Mange product)

Manage Product				
#	Category Name	Category Image	Parent Category	Action
#	Burger		Household	Edit Delete
#	Tree		Primary Category	Edit Delete
#	Household		Primary Category	Edit Delete
#	Sunglass		Fashion	Edit Delete
#	Fashion		Primary Category	Edit Delete

(Manage brands)

Manage Brands			
#	Brand Name	Brand Image	Action
#	Others		Edit Delete
#	Samsung		Edit Delete
#	Sony		Edit Delete

(Manage Order)

Manage Orders						
Show 10 entries		Search:				
#	Order ID	Orderer Name	Orderer Phone No	Order Status	Action	
1	#LE9	Nadim Mahmud	01811216163	Seen	<button>View Order</button> <button>Delete</button>	
				Completed		
				Unpaid		
2	#LE6	Abul Kalam	1951233084	Seen	<button>View Order</button> <button>Delete</button>	
				Completed		
				Paid		

CHAPTER 7: CONCLUSION

7.1 GitHub Link

7.2 Summary

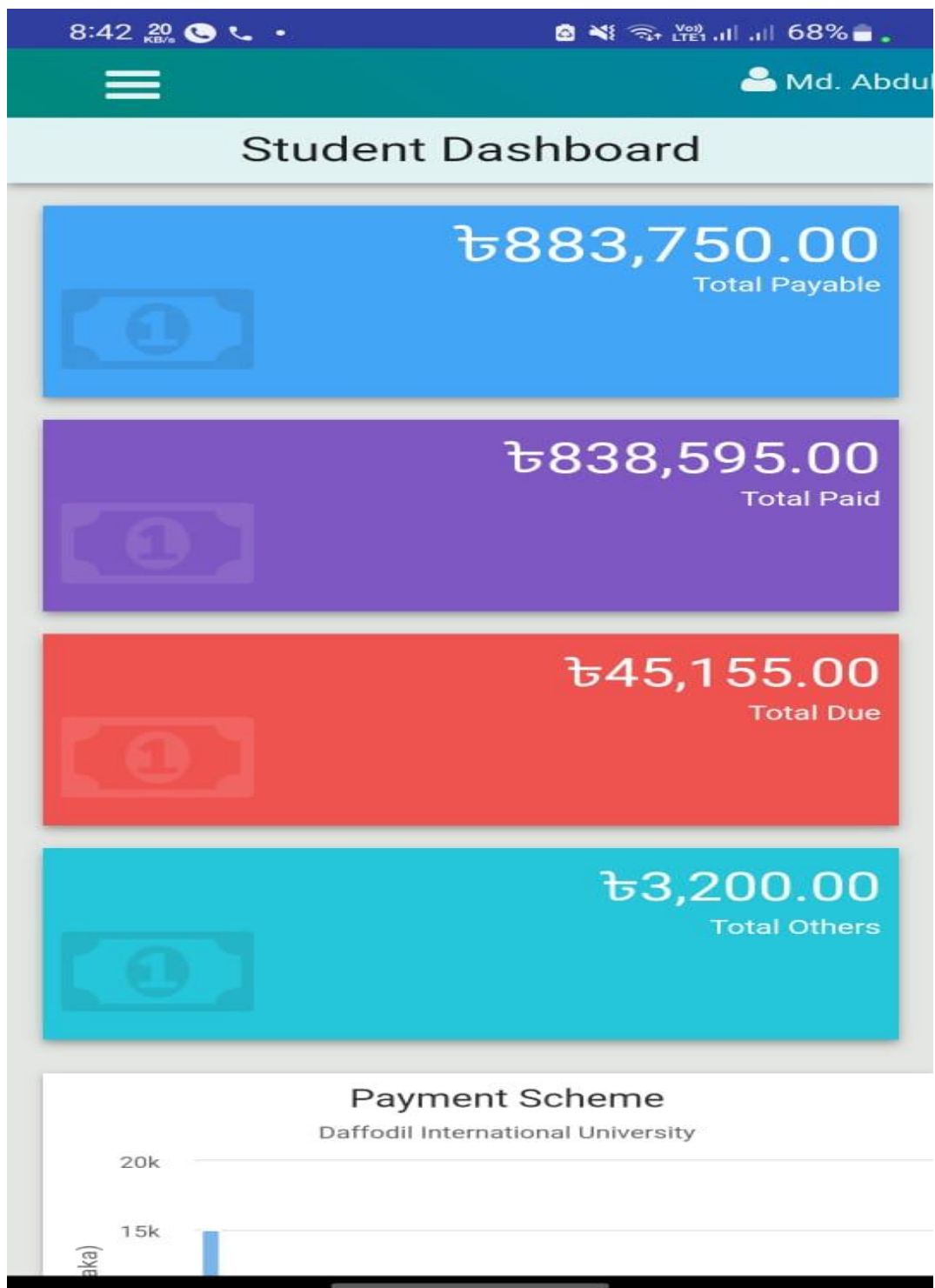
This project is an E-commerce store where products such as clothes, electronics, groceries, food items, furniture, etc., can be purchased over the internet from home. Customers can look through the catalog and choose products. And can also search for their required product. Customers can write a review of a product and see the other reviews. The administrator entirely controls the system.

7.3 Limitations

- The backend does not work.
- Users are unable to save their shopping carts for further use.
- User verification does not work.

7.4 Future Scope

In the future, I will also implement an AI bot and search engine. AI bot will help the customer answer questions about the product's features, warranties, prices, and other data. A search engine provides a straightforward approach to searching for products where a user can interactively search for a product.



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Sobkinun.com Submitted by Abdullah Al Mamun 181-35-2360 Department of Software Engineering Daffodil International University Supervised by Mr. Khalid Been Badruzzaman Biolob Senior Lecturer Department of Software Engineering Daffodil International University This Project report has been submitted to fulfill the requirements for the Bachelor of Science in Software Engineering. © All rights Reserved by Daffodil International University. I DECLARATION As a result of this, I declare that I completed this project under the direction of Mr. Khalid Been Badruzzaman Biolob, Senior Lecturer in the Department of Software Engineering at Daffodil International University. This also declares that neither this project nor any part has presented any degree awards anywhere else. -----
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 Mr. Khalid Been Badruzzaman Biolob Senior Lecturer Department of Software Engineering Faculty of Science & Information Technology Daffodil International University. I ACKNOWLEDGEMENT I have worked a lot on this project. Still, it would be unimaginable without the kind help of countless people. Perhaps I want to express my seriousness for each of them. I am very grateful for the guidance of Daffodil International University and the continuous supervision of Mr. Khalid Been Badruzzaman Biolob for

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	Sobkinun.com Submitted by Abdullah Al Mamun 181-35-2360 Department of Software Engineering Daffodil International University Supervised by Mr. Khalid Been Badruzzaman Biolob Senior Lecturer Department of Software Engineering Daffodil International University This Project report has been submitted to fulfill the requirements for the Bachelor of Science in Software Engineering. © All right Reserved by Daffodil International University DECLARATION As a result of this, I declare that I completed this project under the direction of Mr. Khalid Been Badruzzaman Biolob, Senior Lecturer in the Department of Software Engineering at Daffodil International University. This also declares that neither this project nor any part has presented any degree awards anywhere else. Abdullah Al Mamun ID: 181-35-2360 Batch: 25th Department of Software Engineering Faculty of Science & Information Technology Daffodil International University Certified by: ----- ----- Mr. Khalid Been Badruzzaman Biolob Senior Lecturer Department of Software Engineering Faculty of Science & Information Technology Daffodil International University I ACKNOWLEDGEMENT I have worked a lot on this project. Still, it would be unimainable without the kind help of countless people. Perhaps I want to express my seriousness for each of them. I am very grateful for the guidance of Daffodil International University and the continuous supervision of Mr. Khalid Been Badruzzaman Biolob for providing the necessary information about the idea and helping me complete my tasks. I want to thank our parents, classmates, and DIU members for their kind cooperation and comfort. who helped me achieve my mission. iii PROJECT SUMMARY Sobkinun.com is an online e-commerce program that aims to provide customers with an innovative online shopping experience. This application will help people buy goods online, such as groceries, electronics, food items, furniture, digital products, etc. Users can purchase any things just with some clicks. This web-based application will manage by admins, who will upload products, maintain quality, and sort out by category and related images to find the product quickly. This system will save customers time and help them get their goods online. User can choose their main category from the catalog. Then the system will show lots of related products under the main category. By this, customers can easily save time and get their goods online. Customers can inquire about products or services at any time, from any location, and place orders. Customers may access the system, select items from any categories, register or login for an order, and proceed to checkout. Customers can pay for their purchases online. They can also read and write product reviews. HTML5, CSS3, react, and tailwind CSS was used to build the system. PHP was used in the backend. Now, I focus more on the user interface because this platform may provide a customer with a complete solution that is adaptable and user-friendly. iv Table of Contents Contents APPROVAL DECLARATION ACKNOWLEDGEMENT PROJECT SUMMARY TABLE OF CONTENTS Page ii iii iv v vi-viii CHAPTER 1: INTRODUCTION 1 1.1 Project Background 1-2 1.2 Problem Statement 2 1.3 Targets 2 1.4 Stakeholders 3 1.5 Project Schedule 3 1.6 Release Plan 4 1.6.1 Gantt Chart 4 CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION 2.1 Functional Requirements 2.1.1 Registration 2.1.2 Login 2.1.3 Dashboard 2.1.4 Product category 2.1.5 Product 2.1.6 Product details 2.1.7 Cart 2.1.8 Order 2.1.9 Payment 2.1.10 Review 2.1.11 Manage product 2.1.12 Manage review v 5 5 5 5 5 5 6 6 6 6 7 7 2.2 2.1.13 Manage customer Non-functional Requirement 2.2.1 Performance requirements 2.2.2 Dependability requirements 2.2.3 Maintainability requirements 2.2.4 Security requirements 2.2.5 Usability requirements 7 7 7 7 8 8 8 CHAPTER 3: SYSTEM ANALYSIS 3.1 Use Case Diagram 3.2 Use Case Description (For each use case) 3.3 Activity Diagram (Customer) 3.4 Activity Diagram (User) 3.5 Sequence Diagram (Customer) 3.6 Sequence Diagram (User) 3.7 E-R Diagram 3.8 Dataflow Diagram (Level 0) 3.9 Dataflow Diagram (Level 1) CHAPTER 4: SYSTEM DESIGN SPECIFICATION 4.1 Class Diagram 4.2 Development Tools & Technology 9 9 10-14 15-17 18 19 20 21 22 22 23 23 24 CHAPTER 5: SYSTEM TESTING 25 5.1 Testing Features 25 5.1.1 Features to be tested 25 5.1.2 Test case table 26-30 5.1.3 Traceability Matrix 31 CHAPTER 6: USER MANUAL 6.1 User Manual (User) 6.2 User Manual (Admin) 32 32-37 38-39 vi CHAPTER 7: CONCLUSION 40 7.1 GitHub Link 40 7.2 Summary 40 7.3 Limitations 40 7.4 Future Scope 44 vii CHAPTER 1: INTRODUCTION Nowadays, everyone is interested in new technology. People want to know about the latest technology. This E-commerce platform will be a new place for customers to purchase products. This system is intended to make purchasing for buyers convenient and straightforward. Customers will be benefited from this system which creates a good relationship with their customers. Customers can easily place an order. Traditional commerce
22, 5:31 PM	Turnitin - Originality Report - 181-35-2360 requires a person to go out and get items, but this E-commerce platform made it much easier for humans to eliminate physical labor and save time. 1.1 Project Background Sobkinun.com is a web-based application. There will be two entities with access to the system. One is the customers, and another is the admins. This system facilitates product browsing, checking, and purchasing. A customer can view each product's detailed specifications. If a customer wants to order goods, the customer has to be registered in this system. Customers can search for goods and see reviews without registration or logging into the system. This program allows people to buy groceries, gadgets, food, furniture, digital products, and other goods online. This system offers 24-hour support. Customers can check reviews before ordering any products. After logging in, the customer can see all of the products the system has recommended on the site based on the user's data. Then the customer can see the specifics of the recommended items and add them to their shopping cart if they want to buy them. Customers can provide reviews on their purchased items. In this system, all the items will be grouped into categories. So the customer can easily find the product. Customers will also be able to search for products. The customer can pay for the items online after selecting them. Customers can also check their order history. The administrator has full access to the system. Admin can add or delete

requires a person to go out and get items, but this E-commerce platform made it much easier for humans to eliminate physical labor and save time. 1.1 Project Background Sobkinun.com is a web-based application. There will be two entities with access to the system. One is the customers, and another is the admins. This system facilitates product browsing, checking, and purchasing. A customer can view each product's detailed specifications. If a customer wants to order goods, the customer has to be registered in this system. Customers can search for goods and see reviews without registration or logging into the system. This program allows people to buy groceries, gadgets, food, furniture, digital products, and other goods online. This system offers 24-hour support. Customers can check reviews before ordering any products. After logging in, the customer can see all of the products the system has recommended on the site based on the user's data. Then the customer can see the specifics of the recommended items and add them to their shopping cart if they want to buy them. Customers can provide reviews on their purchased items. In this system, all the items will be grouped into categories. So the customer can easily find the product. Customers will also be able to search for products. The customer can pay for the items online after selecting them. Customers can also check their order history. The administrator has full access to the system. Admin can add or delete products. Admin can edit product description. This system will generate a report for every purchase. 1.2 Problem Statement - The basic issue with existing systems is that they give users a non-interactive experience. - Traveling to a specific store to purchase products takes a long time. - Transactions, product interactions, and product purchases were made by hand, which took a long time. - Manually maintaining reports is very difficult. - Sometimes the customer goes to the store but does not get the product. - To view the product description, customers need to go to the shop. 1.3 Targets This project aims to allow customers to order products and sellers to manage sales and pay bills online. - Customers may quickly browse for products, read detailed product descriptions, and place orders. - To system make shopping method more convenient and time efficient. - Customers can read other customer's reviews. - A customer can see the entire product specification as well as many photos. - Online retailers can offer their products anywhere at any time during the week. - To allow customers to pay for products online. 1.4 Stakeholders There are three categories of stakeholders. They are - Owner - Admin - Customer 1.5 Project Schedule Tasks List Task_Id Registration Login Dashboard Recommend product Product category Product Details Cart Order Review Payment Initiate Time ID01 27/03/2022 ID02 01/04/2022 ID03 04/04/2022 ID04 12/04/2022 ID05 12/04/2022 ID06 15/04/2022 ID07 18/04/2022 ID08 23/04/2022 ID09 28/04/2022 ID10 03/05/2022 ID11 03/05/2022 Running time (day) 5 3 7 4 3 3 5 5 5 7 10 Finish Time 31/03/2022 03/04/2022 11/04/2022 15/04/2022 14/04/2022 17/04/2022 22/04/2022 27/04/2022 02/05/2022 09/05/2022 12/05/2022 Dependency relationship & Milestones ID01&M1 ID01, ID02&M2 ID03 ID03 ID05 ID06&M3 ID01, ID02, ID07 ID08&M4 ID02, ID06, ID09 ID09&M5 1.6 Release Plan Here is the release date & version. Version Name Version Details V0.1 (Beta version) Complete User Interface Date 20-05-2022 1.6.1 Gantt Chart CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION 2.1 Functional Requirement (FR) 2.1.1 Registration FR_Id1 Registration Description To order products, the customer must be registered. Stakeholders Customer 2.1.2 Login FR_Id2 Login Description The customer and the admin must be logged in to order products and maintain the system. Stakeholders Customer & Admin 2.1.3 Dashboard FR_Id3 Dashboard Description After login, the customer and admin can see the dashboard. Stakeholders Customer & Admin 2.1.4 Product category FR_Id4 Product category Description All the items are grouped into different categories. Stakeholders Customer 2.1.5 Product FR_Id5 Product Description Customers can see the products without registration or login. Stakeholders Customer 2.1.6 Product details FR_Id6 Product details Description Customers can see product details before purchasing. Stakeholders Customer 2.1.7 Cart FR_Id7 Cart Description Customers can store selected products in the Cart for purchase. Stakeholders Customer 2.1.8 Order FR_Id8 Order Description Customers can order various items based on their needs. Stakeholders Customer 2.1.9 Payment FR_Id9 Payment Description Customers can make online payments for their purchases. Stakeholders Customer 2.1.10 Review FR_Id10 Review Description Customers can read and write reviews. Stakeholders Customer 2.1.11 Manage product FR_Id11 Manage product Description Admin can add/delete products. Stakeholders Admin 2.1.12 Manage review FR_Id12 Manage review Description Admin can delete the review. Stakeholders Admin 2.1.13 Manage customer FR_Id13 Manage customer Description Admin can delete customers. Stakeholders Admin 2.2 Non-functional Requirement (NFR) 2.2.1 Performance Requirements Speed The application will load in 2 seconds. Accuracy This application will display a descriptive error message for wrong activities. Alert This application will display an alert for all activities. 2.2.2 Dependability Requirements Reliability Fast response Availability The system will be accessible at the timeline. Robustness The system will solve any problem early. 2.2.3 Maintainability Requirements Maintenance Manage the backend server at all times. Adaptability User-friendly interface. Scalability Every requirement is fulfilled. 2.2.4 Security Requirements Access The system is entirely under the min's control. Integrity This system keeps a backup database. 2.2.5 Usability Requirements Usability Customer can edit their information. Understandability Customer can Accessibility The system is simple to grasp for the user. CHAPTER 3: SYSTEM

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ANALYSIS 3.1 Use Case Diagram 3.2 Use Case Description 3.2.1 Registration Use Case Title Registration Description To place orders, customers must first register on this website. Actors Customer Pre-Condition Provide all information. Main Scenarios Steps Action 1 Enter data. 2 Verify data. 3 It was successfully registered. Variations 1a All data must be filled out. 2a For invalid data, return an error message. 2b Return the customer to the register page. 3a The system fails to register. Post Condition The customer will be directed to the dashboard after successfully registering. 3.2.2 Login Use Case Title Login Description The customer and the admin must be logged in to order products and maintain the system. Actors Customer, Admin Pre-Condition Provide all information. Main Scenarios Steps Action 1 Enter data. 2 Verify data. 3 Successfully login. Variations 1a All data must be filled out. 2a For invalid data, return an error message. 3a Fail to login. Post Condition The customer will be directed to the dashboard after successfully logging in. 3.2.3 Dashboard Use Case Title Dashboard Short Description After login, the customer and admin can see the dashboard. Actors Customer, Admin Pre-Condition Log in or register to the system Main Scenarios Steps Action 1 Visit site 2 Enter registration or login data. 3 The dashboard will be redirected. Variations 1a All data must be filled out. 2a For invalid data, return an error message. 3a Fail to view dashboard. Post Condition Customers and admin can see all information. 3.2.4 Product category Use Case Title Product category Short Description All the products are grouped into different categories. Actors Customer Pre-Condition Visit the system. Main Scenarios Steps Action 1 Visit site. 2 Search Category 3 View category details. Variations 1a Visit the right site. 2a For invalid data, return an error message. 3a Fail to view category details. Post Condition Customers can view many items from different categories. 3.2.5 Product Use Case Title Product Short Description Customers can see different items without registration or login. Actors Customer Pre-Condition Search product category Main Scenarios Steps Action 1 Visit site. 2 Search category or product. 3 View product Variations 1a For invalid data, return an error message. 3a Unable to see the product. Post Condition Customers can view product details. 3.2.6 Product details Use Case Title Product details Short Description Customers can see product details before

ANALYSIS 3.1 Use Case Diagram 3.2 Use Case Description 3.2.1 Registration Use Case Title Registration Description To place orders, customers must first register on this website. Actors Customer Pre-Condition Provide all information. Main Scenarios Steps Action 1 Enter data. 2 Verify data. 3 It was successfully registered. Variations 1a All data must be filled out. 2a For invalid data, return an error message. 2b Return the customer to the register page. 3a The system fails to register. Post Condition The customer will be directed to the dashboard after successfully registering. 3.2.2 Login Use Case Title Login Description The customer and the admin must be logged in to order products and maintain the system. Actors Customer, Admin Pre-Condition Provide all information. Main Scenarios Steps Action 1 Enter data. 2 Verify data. 3 Successfully login. Variations 1a All data must be filled out. 2a For invalid data, return an error message. 3a Fail to login. Post Condition The customer will be directed to the dashboard after successfully logging in. 3.2.3 Dashboard Use Case Title Dashboard Short Description After login, the customer and admin can see the dashboard. Actors Customer, Admin Pre-Condition Log in or register to the system Main Scenarios Steps Action 1 Visit site 2 Enter registration or login data. 3 The dashboard will be redirected. Variations 1a All data must be filled out. 2a For invalid data, return an error message. 3a Fail to view dashboard. Post Condition Customers and admin can see all information. 3.2.4 Product category Use Case Title Product category Short Description All the products are grouped into different categories. Actors Customer Pre-Condition Visit the system. Main Scenarios Steps Action 1 Visit site. 2 Search Category 3 View category details. Variations 1a Visit the right site. 2a For invalid data, return an error message. 3a Fail to view category details. Post Condition Customers can view many items from different categories. 3.2.5 Product Use Case Title Product Short Description Customers can see different items without registration or login. Actors Customer Pre-Condition Search product category Main Scenarios Steps Action 1 Visit site. 2 Search category or product. 3 View product Variations 1a For invalid data, return an error message. 3a Unable to see the product. Post Condition Customers can view product details. 3.2.6 Product details Use Case Title Product details Short Description Customers can see product details before purchasing, including product price. Actors Customer Pre-Condition Select product Main Scenarios Steps Action 1 Visit site 2 Search category or product. 3 Select product 4 View details. Variations 1a For invalid data, return an error message. 3a Fail to select the product. 4a Unable to view product details. Post Condition After viewing the details, customers can add the product to the Cart. 3.2.7 Cart Use Case Title Cart Short Description Customers can add items to their shopping carts. Actors Customer Pre-Condition Order product Main Scenarios Steps Action 1 Visit site 2 Search Category 3 Select product 4 Register or log in to the site. 5 Store items in the Cart. Variations 1a For invalid data, return an error message. 4a Enter valid data. 4b For invalid data, return an error message. Post Condition The customer will order items. 3.2.8 Order Use Case Title Order Short Description Customers can order different items as per their needs. Actors Customer Pre-Condition Select product Main Scenarios Steps Action 1 Visit site 2 Search Category 3 Select product 4 Register or log in to the site. 5 Store selected products in the Cart. 6 Place order Variations 1a For invalid data, return an error message. 4a Enter valid data. 4b For invalid data, return an error message. 5a Provide valid data for Order Post Condition Customers will get ordered products. 3.2.9 Payment Use Case Title Payment Short Description Customers can make online payments for their purchases. Actors Customer Pre-Condition Select product Main Scenarios Steps Action 1 Visit site 2 Search Category 3 Select product 4 Register or log in to the site. 5 Order product. 6 Make payment. Variations 4a Provide valid data. 4b For invalid data, return an error message. 5a Provide valid data for Order. 6a Provide valid data for payment. 6b For invalid data, return an error message. Post Condition Successfully make payment. 3.2.10 Review Use Case Title Review Short Description Customers can read and write reviews. Actors Customer Pre-Condition Select product Main Scenarios Steps Actions 1 Visit site 2 Search product. 3 View review. 4 Provide review 5 Register or log in to the site. 6 Provide review. Variations 5a Provide valid data. 5b For invalid data, return an error message. Post Condition Upload/view review 3.3 Activity Diagram (Customer) 3.3.1 Customer Registration 3.3.2 Customer login 3.3.3 View product 3.3.4 Review 3.3.5 Order product 3.3.5 Payment 3.4 Activity Diagram (Admin) 3.5 Sequence Diagram (Customer) 3.6 Sequence Diagram (Admin) 3.7 E-R Diagram Chapter 4: System Design Specification 4.1 Class Diagram 4.2 Development Tools & Technology User Interface Technology HTML5 CSS3 React Tailwind CSS PHP Implementation Tools & Platforms Visual Studio CHAPTER 5: SYSTEM TESTING 5.1 Testing Features The tested features are given below. 5.1.1 Features to be tested Test case Test Title Description Priority 1 Registration To order from this site, customers must be registered. 2 Login Admin & customers can log in 2 3 Dashboard Customers and administrators can access the dashboard after logging in. 3 4 Product category All of the products are divided into categories. 2 5 Product Customers can view various items without registering or logging in. 2 6 Product details Before making a purchase, customers can view product details, including the price. 2 7 Cart Customers can fill their shopping carts with items. 3 8 Order Customers can order various things based on their needs. 3 9 Payment Customers can read and post customer reviews. 3 10 Review Customers can pay for their purchases online. 2 5.1.2. Test-case Table System Name: Sobkinun.com Test case no: 1 Executed by: Abdullah Al Mamun Module name: Registration Created by: Abdullah

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Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 2 Executed date: 20/05/2022 Short-Description: Customers must register to place a purchase on this website. Pre-Condition: Visit the site. Case_Id Test Scenario Action Response Pass/Fail Comment ID01 Verify Registration 1. Visit site. 2. Provide data. 3. Click submit. Redirect to the dashboard Fail Give accurate data. ID02 Verify Registration 1. Visit the site. 2. Provide data. 3. Click submit. Redirect to the dashboard Fail Give accurate data. ID03 Verify Registration 1. Visit the site. 2. Provide data. 3. Click submit. Redirect to the dashboard Pass Obtain target Post Condition: View the dashboard System Name: Sobkinun.com Test case no: 2 Executed by: Abdullah Al Mamun Module name: Login Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 2 Executed date: 20/05/2022 Short-Description: Customers and administrators can both login. Pre-Condition: Visit the site. Case_Id Test Scenario Action Response Pass/Fail Comment ID04 Verify login 3. Visit site. 4. Provide data. 3. Click submit. Redirect to the dashboard Fail Give accurate data. ID05 Verify login 1. Visit the site. 2. Provide data. 3. Click submit. Redirect to the dashboard Fail Give accurate data. ID06 Verify login 1. Visit the site. 2. Provide data. 3. Click submit. Redirect to the dashboard Pass Obtain target Post Condition: View the dashboard System Name: Sobkinun.com Test case no: 3 Executed by: Abdullah Al Mamun Module name: Dashboard Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 3 Executed date: 20/05/2022 Short-Description: After logging in, customers and administrators can access the dashboard. Pre-Condition: Visit the site. Case_Id Test Scenario Action Response Pass/Fail Comment ID07 Verify Dashboard 1. Visit site. 2. Provide data. 3. Click submit. 4. View dashboard. View Dashboard Fail Give accurate data. ID08 Verify dashboard 1. Visit the site. 2. Provide data. 3. Click submit. 4. View the dashboard. View Dashboard Fail Give accurate data. Post Condition: View the product System Name: Sobkinun.com Test case no: 4 Executed by: Abdullah Al Mamun Module name: Product category Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 3 Executed date: 20/05/2022 Short-Description: All of the products

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	Creation date: 18/05/2022 Priority no: 2 Executed date: 20/05/2022 Short-Description: Before making a purchase, customers can view product details, including the pricing. Pre-Condition: Click product. Case_Id Test Action Scenario Response Pass/Fail Comment ID13 Verify 1. Visit site. product 2. Search category. details. 3. View product. 4. View details. View product details. Fail Give accurate data. ID14 Verify 1. Visit site. product 2. Search category. details. 3. View product. 4. View details. View product details. Pass Obtain target Post Condition: Can purchase product. System Name: Sobkinun.com Test case no: 7 Executed by: Abdullah Al Mamun Module name: Cart Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 2 Executed date: 20/05/2022 Short-Description: Before making a purchase, customers can view product details, including the pricing. Pre-Condition: Select product. Case_Id Test Action Scenario Response Pass/Fail Comment ID15 Verify Cart. 1. Visit site. 2. View product. 3. Select product. Store product in Cart. Fail Give accurate data. ID16 Verify Cart 1. Visit site. 2. View product. 3. Select product. Store product in Cart. Fail Give accurate data. ID17 Verify Cart. 1. Visit site. 2. View product. 3. Select product. Store product in Cart. Pass Obtain target Post Condition: Purchase product. System Name: Sobkinun.com Test case no: 8 Executed by: Abdullah Al Mamun Module name: Order Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 2 Executed date: 20/05/2022 Short-Description: Customers can order various items based on their requirements. Pre-Condition: Select product. Case_Id Test Action Scenario Response Pass/Fail Comment ID18 Verify Order. 1. Visit site. 2. View product. 3. Select product. 4. Order product. Can order product. Fail Give accurate data. ID19 Verify Order. 1. Visit site. 2. View product. 3. Select product. Can order product. Pass Obtain target 4. Order product. Post Condition: Paid the purchase. System Name: Sobkinun.com Test case no: 9 Executed by: Abdullah Al Mamun Module name: Payment Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 3 Executed date: 20/05/2022 Short-Description: Customers can pay for their products via the internet. Pre-Condition: Purchase product. Case_Id Test Action Scenario Response Pass/Fail Comment ID20 Verify payment option. 1. Visit site. 2. Select
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product. 3. Order product. 4. Pay the bill. Can pay bill. Pass Obtain target. ID21 Verify payment option. 1. Visit site. 2. Select product. 3. Order product. 4. Pay bill. Can pay bill. Fail Give accurate data. ID22 Verify payment option. 1. Visit site. 2. Select product. 3. Order product. 4. Pay bill. Can pay bill. Pass Obtain target. Post Condition: Get product. System Name: Sobkinun.com Test case no: 10 Executed by: Abdullah Al Mamun Module name: Review Created by: Abdullah Al Mamun Version: V0.1 (Beta version) Creation date: 18/05/2022 Priority no: 2 Executed date: 20/05/2022 Short-Description: Customers have the option of reading and writing reviews. Pre-Condition: Purchase product or view product. Case_Id Test Action Scenario Response Pass/Fail Comment ID23 Check review option. 1. Visit site. 2. Select product. 3. View or upload review. Can view or provide a review. Fail Give accurate data. ID24 Check the review option. 1. Visit the site. 2. Select a product. 3. View or upload a review. Can view or provide a review. Pass Obtain target. Post Condition: Successfully view or upload a review. 5.1.3 Traceability Matrix Requirement No Test Title Test case Id 1 Registration ID01, ID02, ID03 2 Login ID04, ID05, ID06 3 Dashboard ID07, ID08 4 Product category ID09, ID10 5 Product ID11, ID12 6 Product details ID13, ID14 7 Cart ID15, ID16, ID17 8 Order ID18, ID19 9 Payment ID20, ID21, ID22 10 Review ID23, ID24 Result ID01: Fail ID02: Fail ID03: Pass ID04: Fail ID05: Fail ID06: Pass ID07: Fail ID08: Pass ID09: Pass ID10: Fail ID11: Pass ID12: Fail ID13: Fail ID14: Pass ID15: Fail ID16: Fail ID17: Pass ID18: Fail ID19: Pass ID20: Pass ID21: Fail ID22: Pass ID23: Fail ID24: Pass CHAPTER 6: USER MANUAL User (Registration page) (Blog page) (Product page) (Cart page) (Checkout page) (Admin) (Admin panel) (Add product page) (Manage product) (Manage brands) (Manage Order) CHAPTER 7: CONCLUSION 7.1 GitHub Link 7.2 Summary This project is an E-commerce store where products such as clothes, electronics, groceries, food items, furniture, etc., can be purchased over the internet from home. Customers can look through the catalog and choose products. And can also search for their required product. Customers can write a review of a product and see the other reviews. The administrator entirely controls the system. 7.3 Limitations - The backend does not work. - Users are unable to save their shopping carts for further use. - User verification does not work. 7.4 Future Scope In the future, I will also implement an AI bot and search engine. AI bot will help the customer answer questions about the product's features, warranties, prices, and other data. A search engine provides a straightforward approach to searching for products where a user can interactively search for a product. © Daffodil International University © Daffodil International University © Daffodil International University © Daffodil International University © Daffodil International University © Daffodil International University 1 © Daffodil International University 2 © Daffodil International University 3 © Daffodil International University 4 © Daffodil International University 5 © Daffodil International University 6 © Daffodil International University 7 © Daffodil International University 8 © Daffodil International University 9 © Daffodil International University 10 © Daffodil International University 11 © Daffodil International University 12 © Daffodil International University 13 © Daffodil International University 14 © Daffodil International University 15 © Daffodil International University 16 © Daffodil International University 17 © Daffodil International University 18 © Daffodil International University 19 © Daffodil International University 20 © Daffodil International University 21 © Daffodil International University 22 © Daffodil International University 23 © Daffodil International University 24 © Daffodil International University 25 © Daffodil International University 26 © Daffodil International University 27 © Daffodil International University 28 © Daffodil International University 29 © Daffodil International University 30 © Daffodil International University 31 © Daffodil International University 32 © Daffodil International University 33 © Daffodil International University 34 © Daffodil International University 35 © Daffodil International University 36 © Daffodil International University 37 © Daffodil International University 38 © Daffodil International University 39 © Daffodil International University 40 © Daffodil International University

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