University of Vavuniya, Sri Lanka

Software Engineering – TICT3153
2024

REG NO:-2019/ICTS/181

SOFTWARE REQUIREMENTS SPECIFICATION DOCUMENT

-SPICES & RICE DELIVERY DATABASE MANAGEMENT SYSTEM-

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1.Use Case Diagram

2.Use Case Scenario

2019/ICTS/181

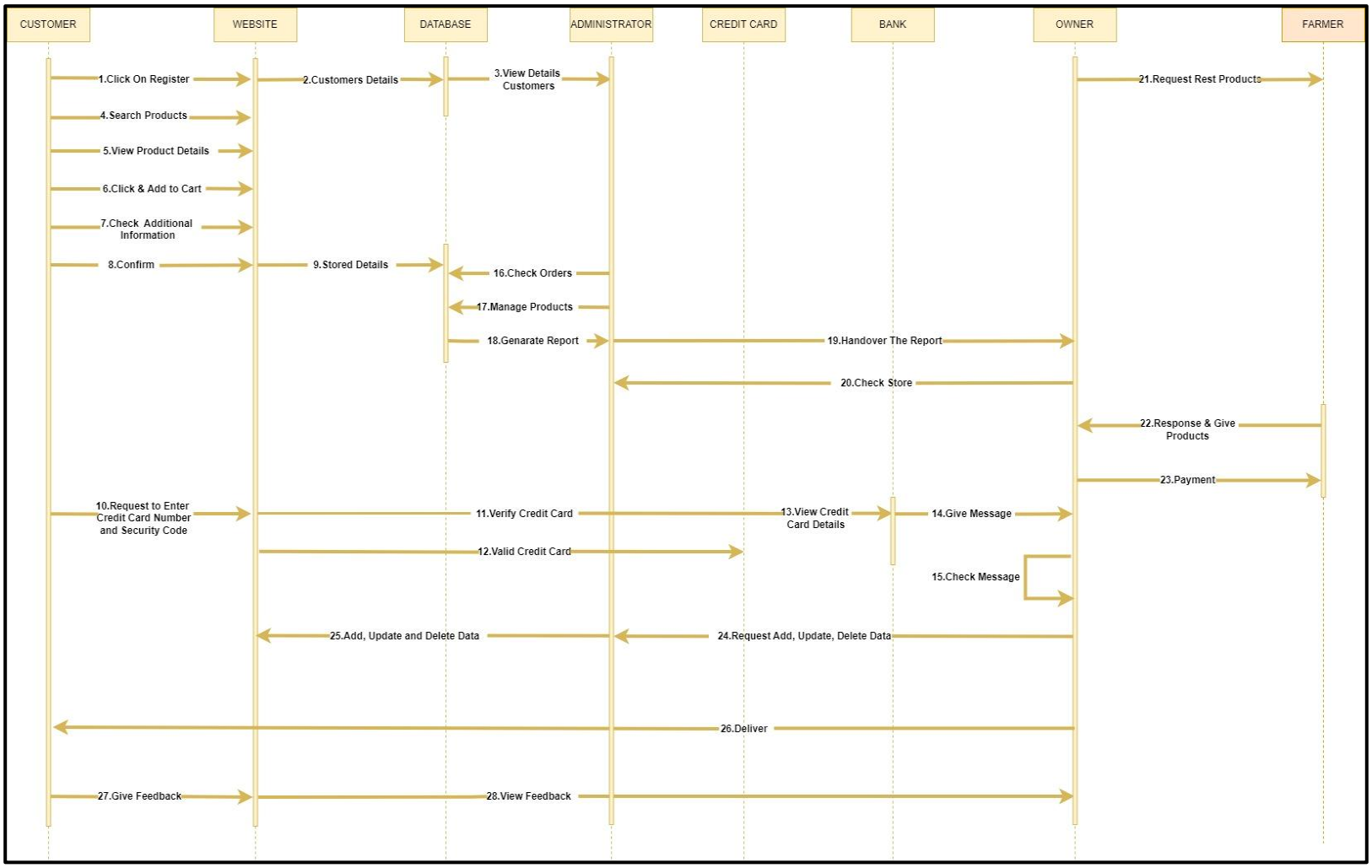
Subject :- Software Engineering (TICT 3153)

My Project Name :- Spices & Rice Delivery Data Base Management System

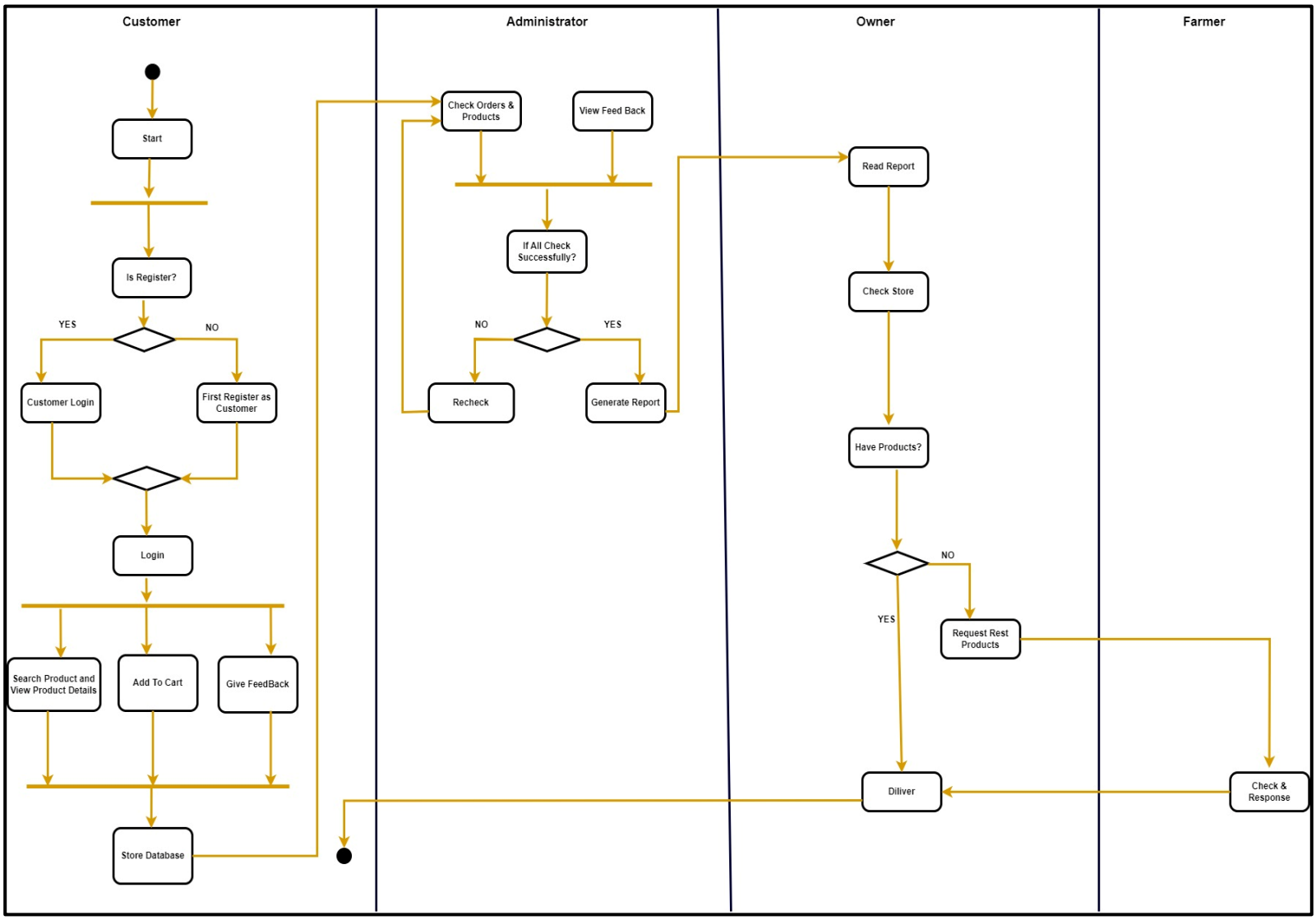
-Use Case Scenario-

In a comprehensive database system designed for the delivery of spices and rice, multiple stakeholders including customers, administrators, owners, and farmers interact seamlessly. Customers begin by registering on the website, allowing them to search for products, add items to their cart, view detailed product information, and check additional details. They can also provide feedback on their purchases, proceed with payments, and manage delivery options. Administrators play a crucial role by managing customer information, viewing product details, and generating various reports. They also have the authority to add, delete, and update data as necessary. Owners, overseeing the entire operation, have the ability to add, delete, and update data, manage payments, and oversee the delivery process. They also check orders and can request products directly from farmers to ensure supply meets demand. Farmers, upon receiving requests from owners, accept orders and supply the necessary products, ensuring a smooth flow from production to delivery. This integrated system ensures efficient management and satisfaction for all parties involved.

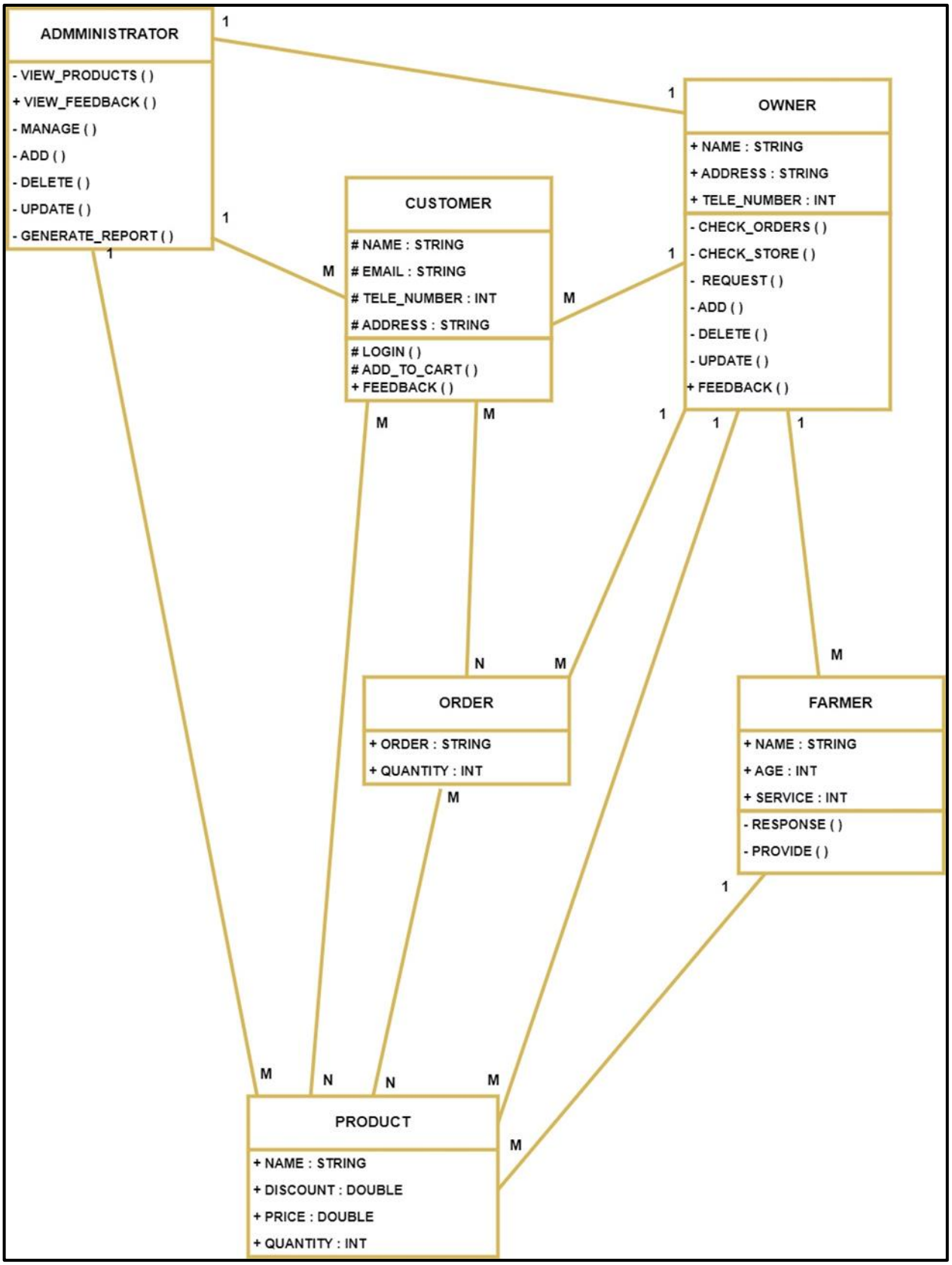
3.Sequence Diagram



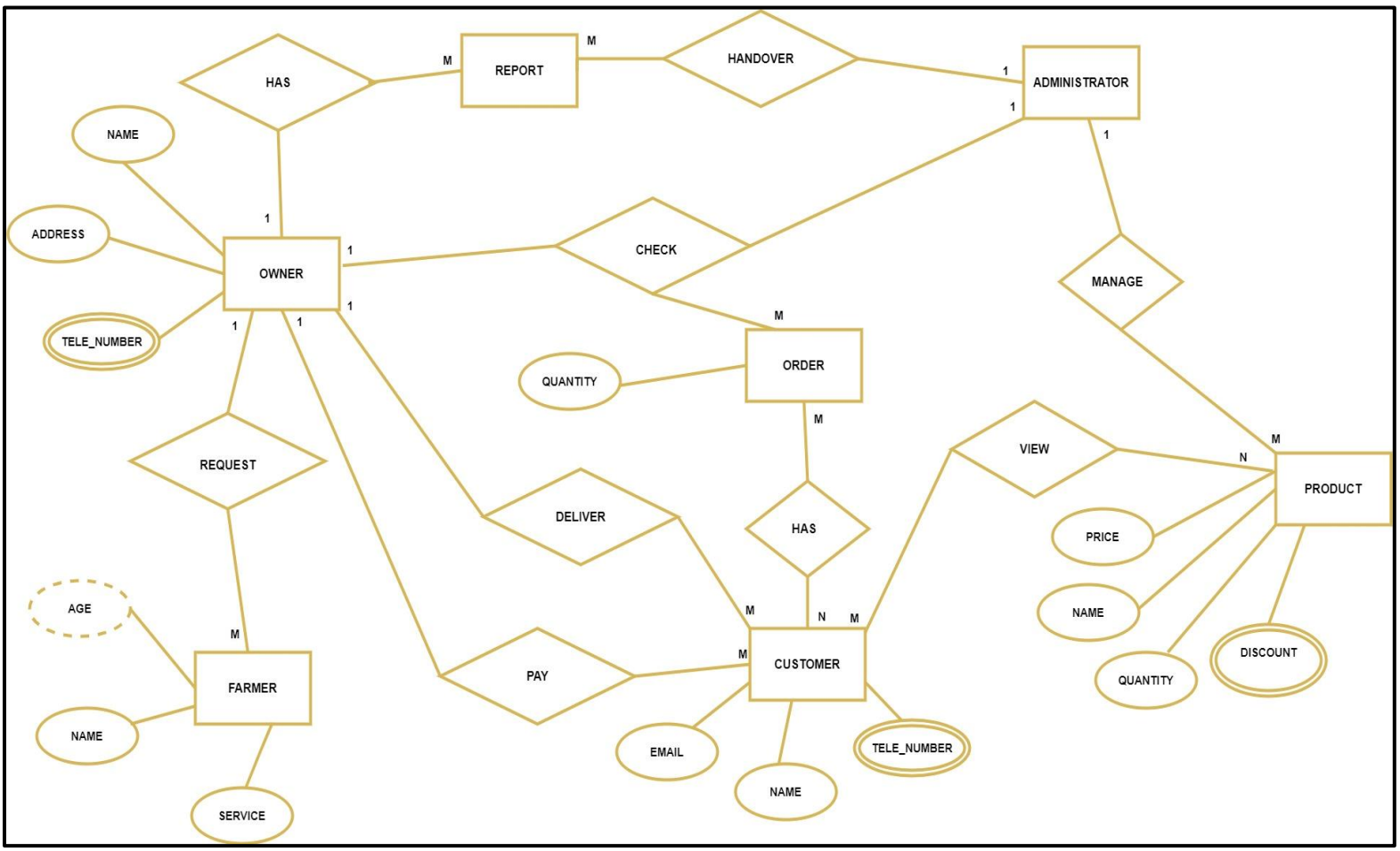
4.Activity Diagram



5.Class Diagram

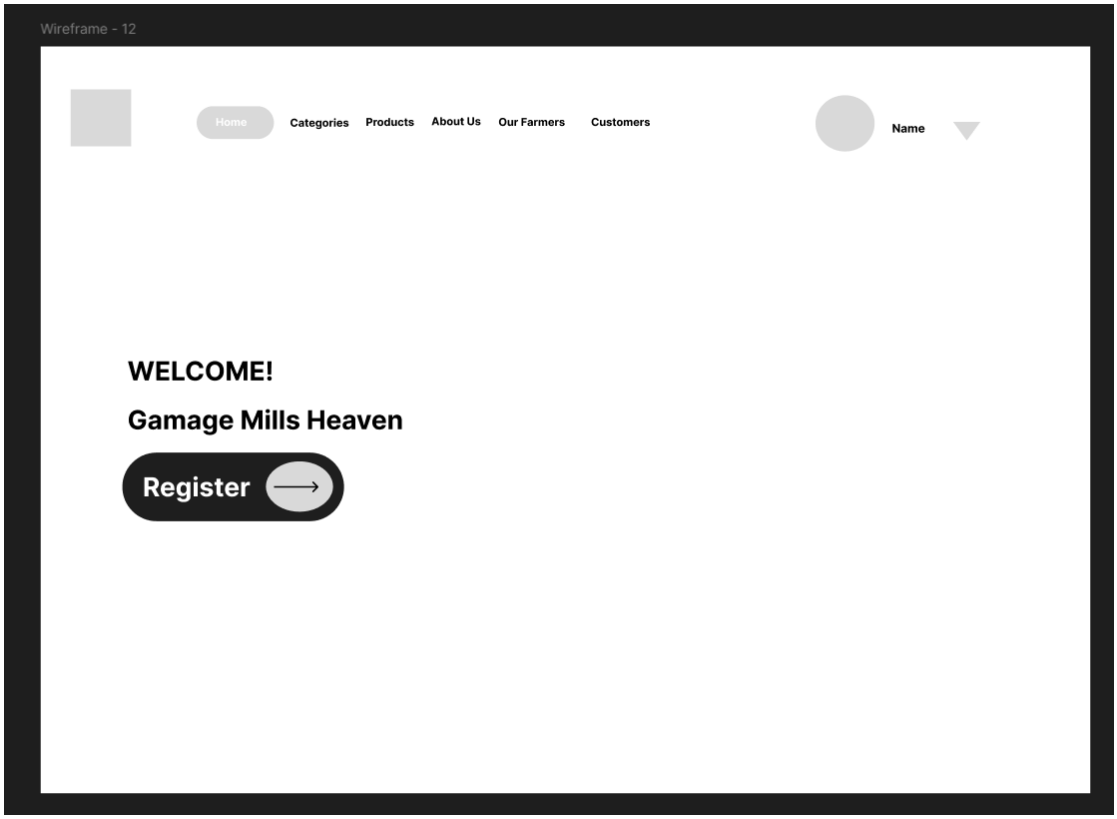


6.ER Diagram


HAS
REPORT
HANDOVER
ADMINISTRATOR
NAME
ADDRESS
OWNER
CHECK
MANAGE
TELE_NUMBER
QUANTITY
ORDER
REQUEST
VIEW
PRODUCT
DELIVER
HAS
PRICE
AGE
NAME
DISCOUNT
FARMER
PAY
CUSTOMER
QUANTITY
NAME
EMAIL
TELE_NUMBER
NAME
SERVICE

7.Low Fidelity User Interfaces (Wireframes)

1. PAGE



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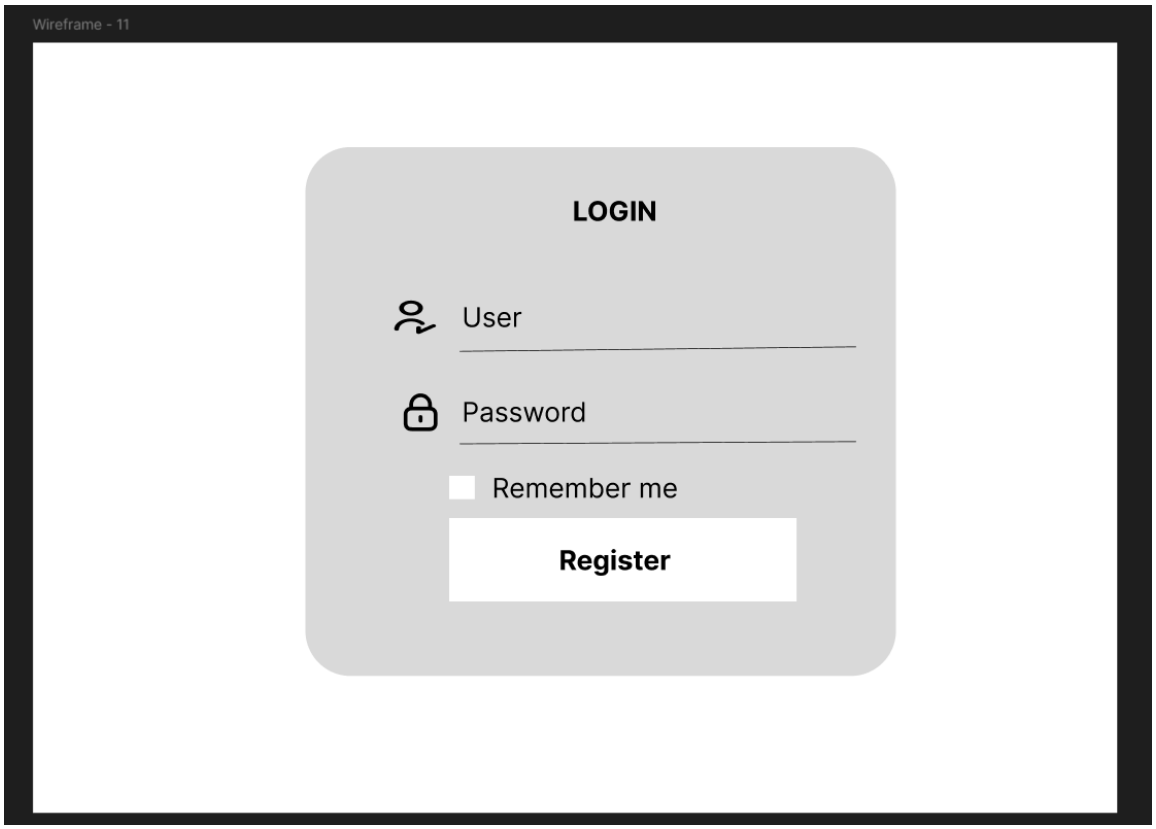
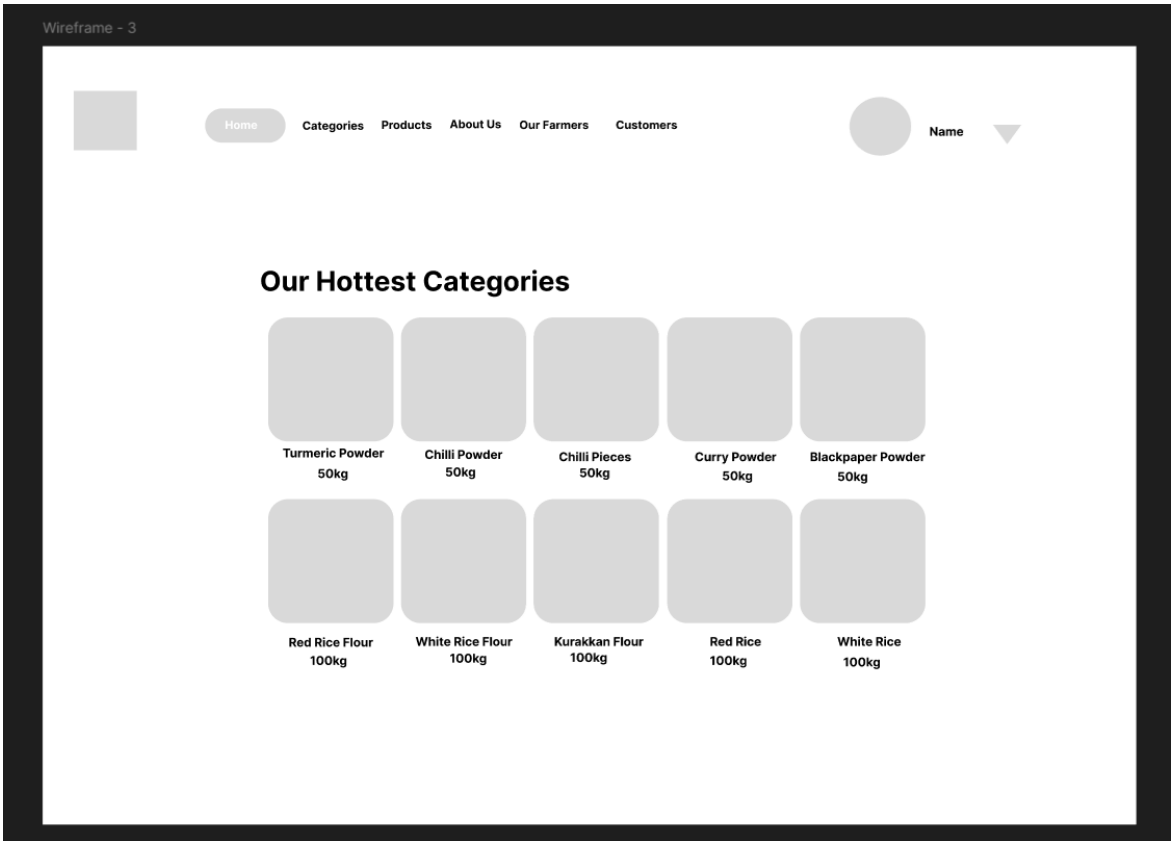
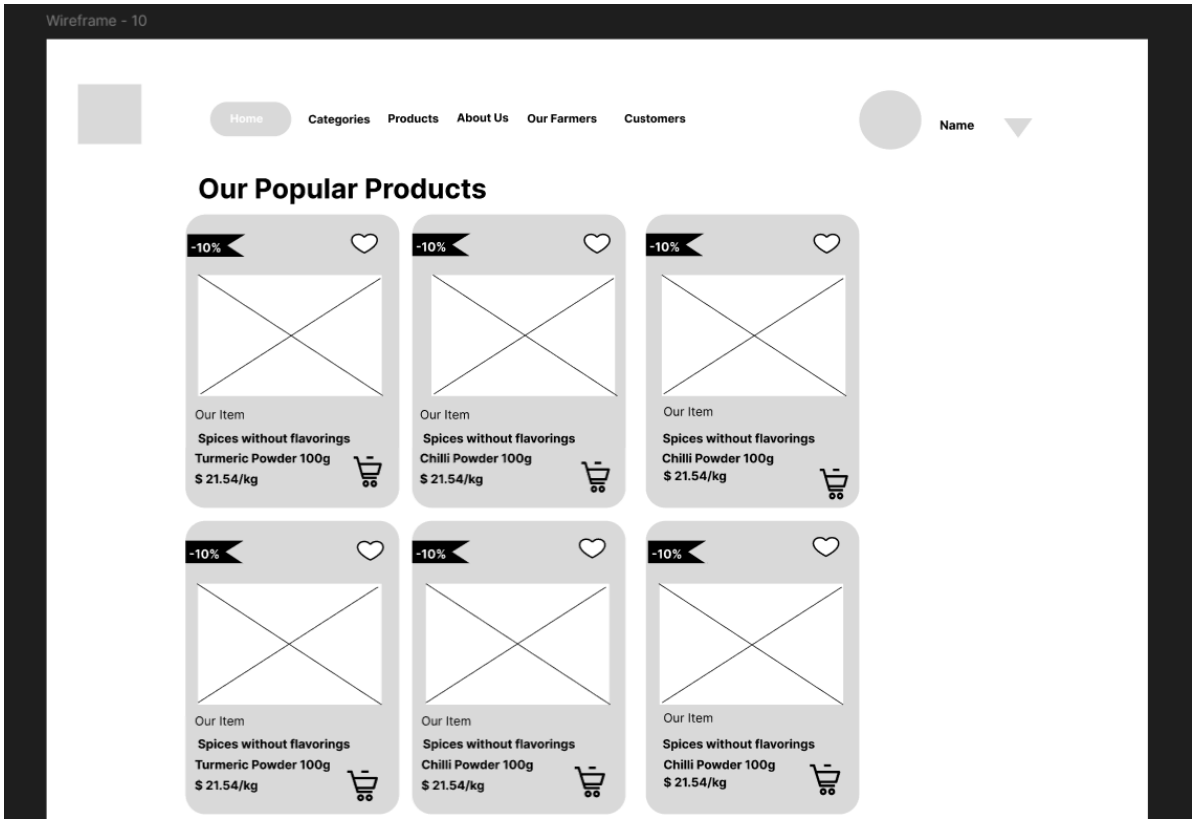


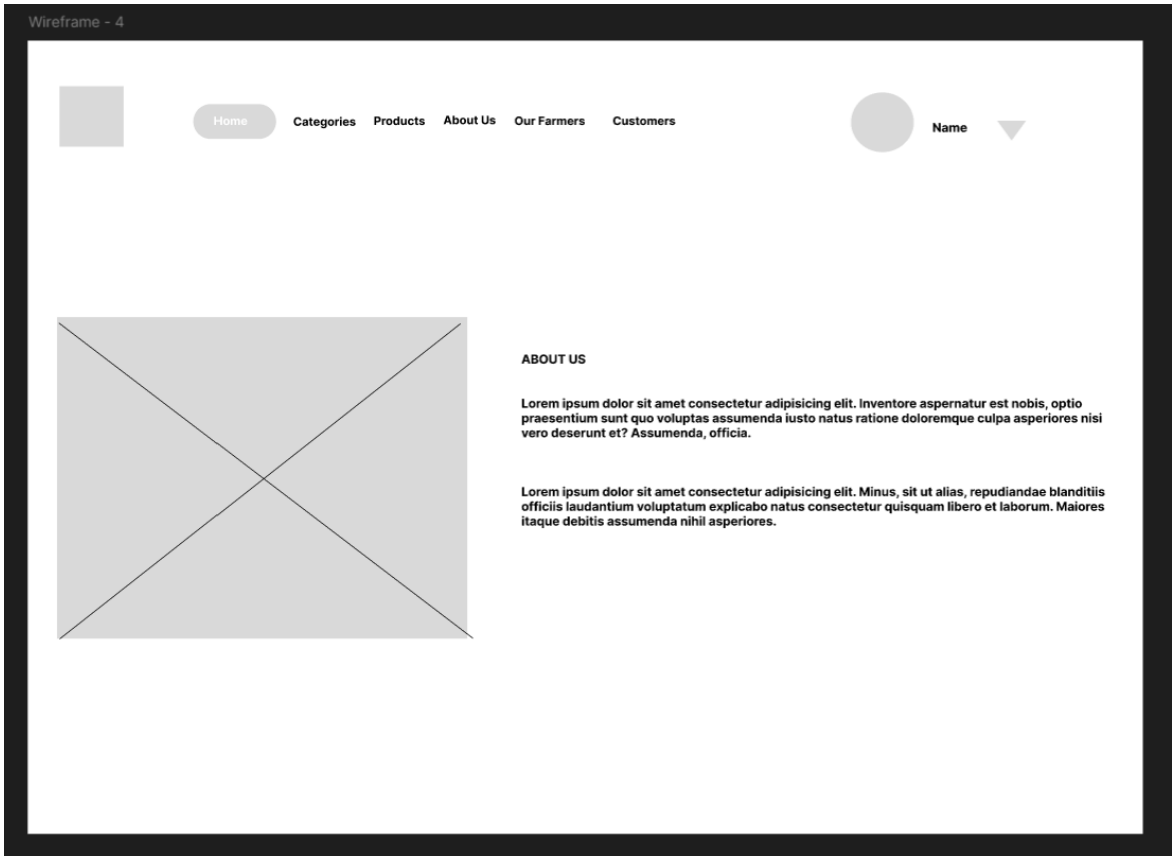
3. PAGE


Wireframe - 3
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Our Hottest Categories
Turmeric Powder 50kg
Chilli Powder 50kg
Chilli Pieces 50kg
Curry Powder 50kg
Blackpaper Powder 50kg
Red Rice Flour 100kg
White Rice Flour 100kg
Kurakkan Flour 100kg
Red Rice 100kg
White Rice 100kg

4. PAGE


Wireframe - 10
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Our Popular Products
-10%
Our Item
Spices without flavorings
Turmeric Powder 100g
$ 21.54/kg
Chilli Powder 100g

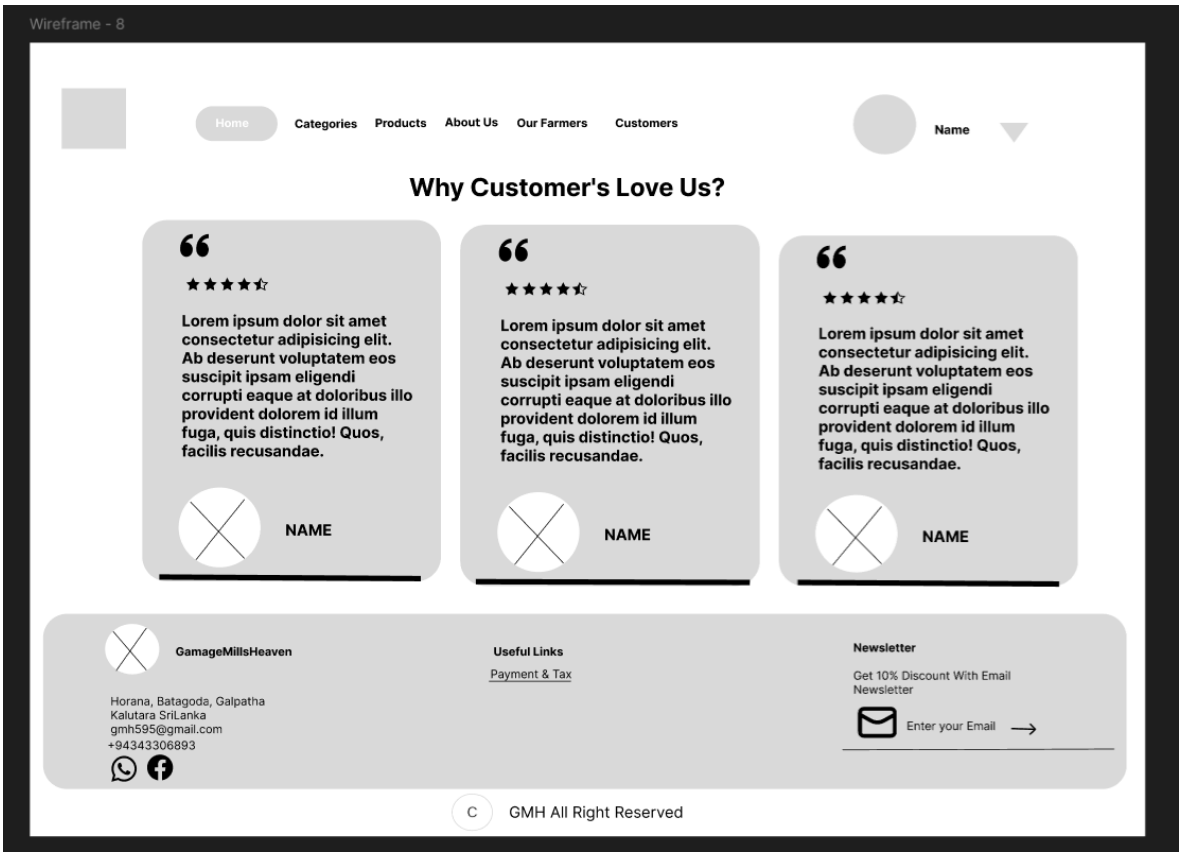
5. PAGE


Wireframe - 4
Home
Categories
Products
About Us
Our Farmers
Customers
Name
ABOUT US
Lorem ipsum dolor sit amet consectetur adipisicing elit. Inventore aspernatur est nobis, optio praesentium sunt quo voluptas assumenda iusto natus ratione doloremque culpa asperiores nisi vero deserunt et? Assumenda, officia.
Lorem ipsum dolor sit amet consectetur adipisicing elit. Minus, sit ut alias, repudiandae blanditiis officiis laudantium voluptatum explicabo natus consectetur quisquam libero et laborum. Maiores itaque debitis assumenda nihil asperiores.

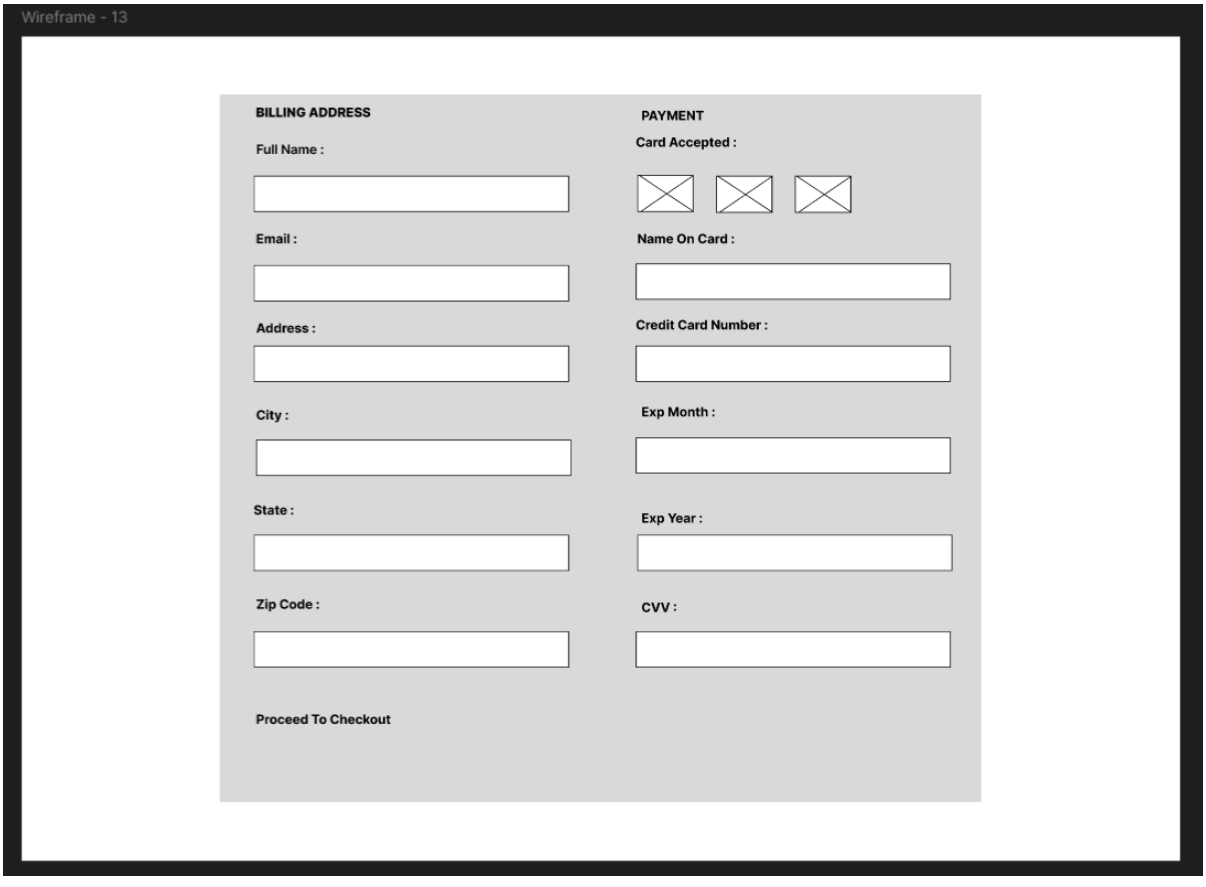
6. PAGE

Wireframe - 9
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Introducing Our farmers
Name:- T.D.L Somarathna Age:- 55Years Service:- 15Years
Name:- Thusitha Kumara Age:- 40Years Service:- 10Years

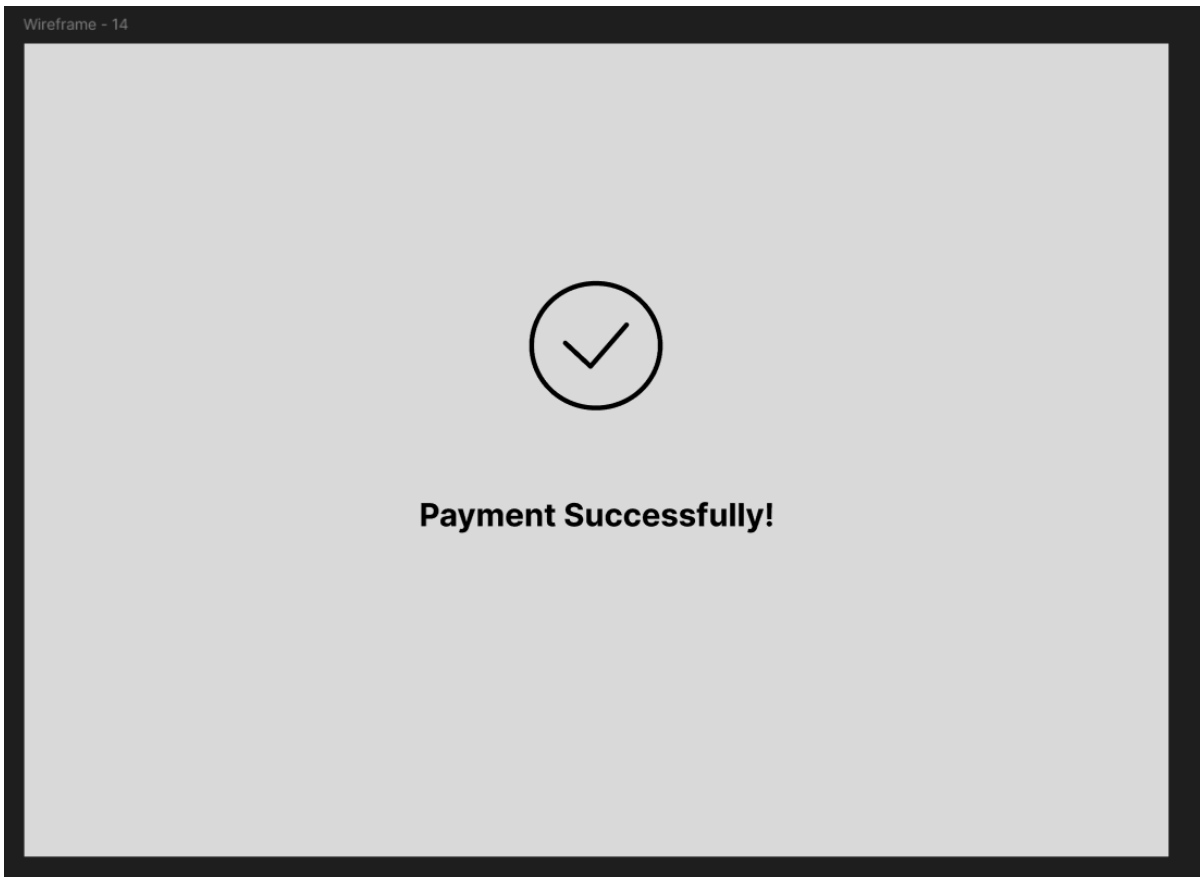
7. PAGE


Wireframe - 8
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Why Customer's Love Us?
Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab deserunt voluptatem eos suscipit ipsam eligendi corrupti eaque at doloribus illo provident dolorem id illum fuga, quis distinctio! Quos, facilis recusandae.
NAME
Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab deserunt voluptatem eos suscipit ipsam eligendi corrupti eaque at doloribus illo provident dolorem id illum fuga, quis distinctio! Quos, facilis recusandae.
NAME
Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab deserunt voluptatem eos suscipit ipsam eligendi corrupti eaque at doloribus illo provident dolorem id illum fuga, quis distinctio! Quos, facilis recusandae.
NAME
GamageMillsHeaven
Horana, Batagoda, Galpatha
Kalutara SriLanka
gmh595@gmail.com
+94343306893
Useful Links
Payment & Tax
Newsletter
Get 10% Discount With Email Newsletter
Enter your Email
C
GMH All Right Reserved

8. PAGE

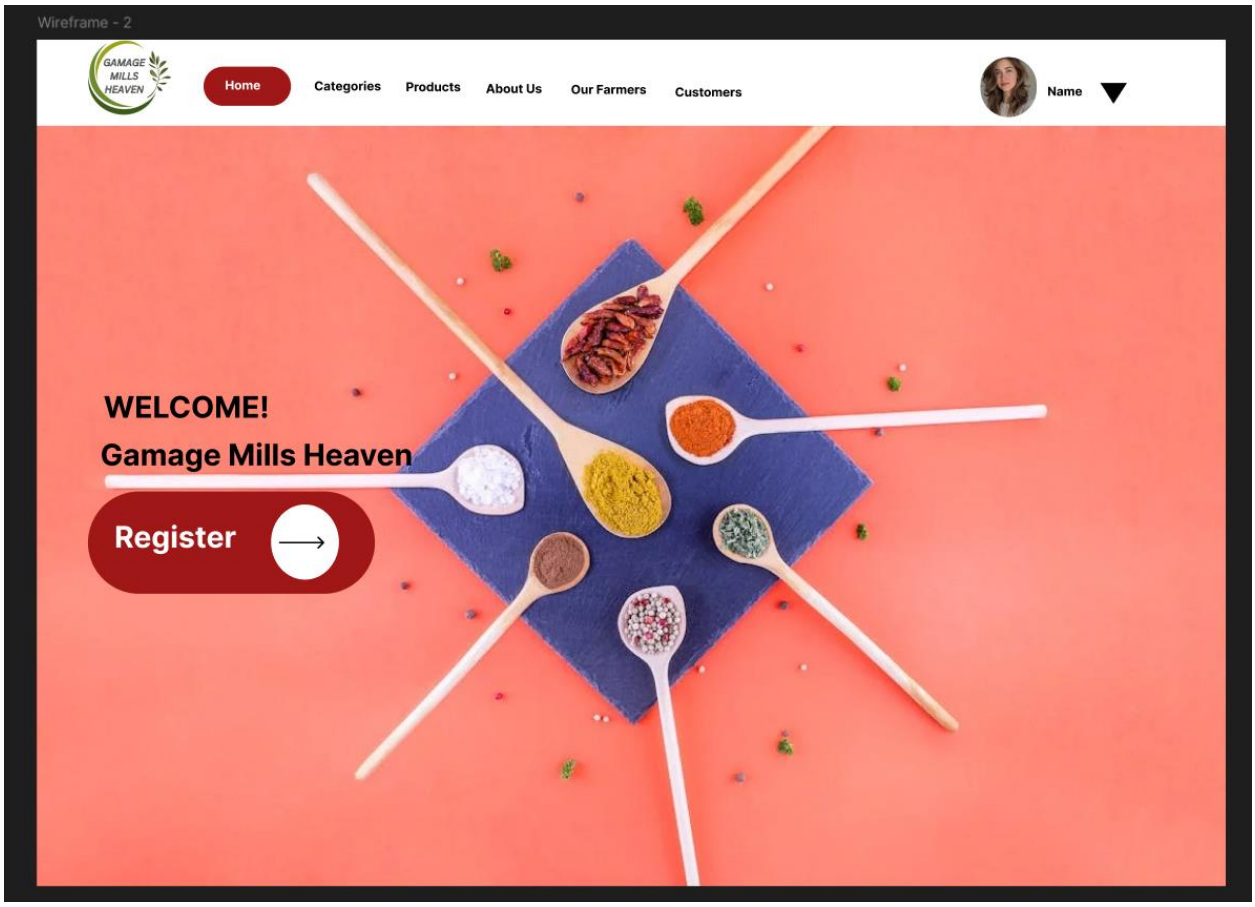

Wireframe - 13
BILLING ADDRESS
Full Name :
Email :
Address :
City :
State :
Zip Code :
Proceed To Checkout
PAYMENT
Card Accepted :
Name On Card :
Credit Card Number :
Exp Month :
Exp Year :
CVV :

9. PAGE

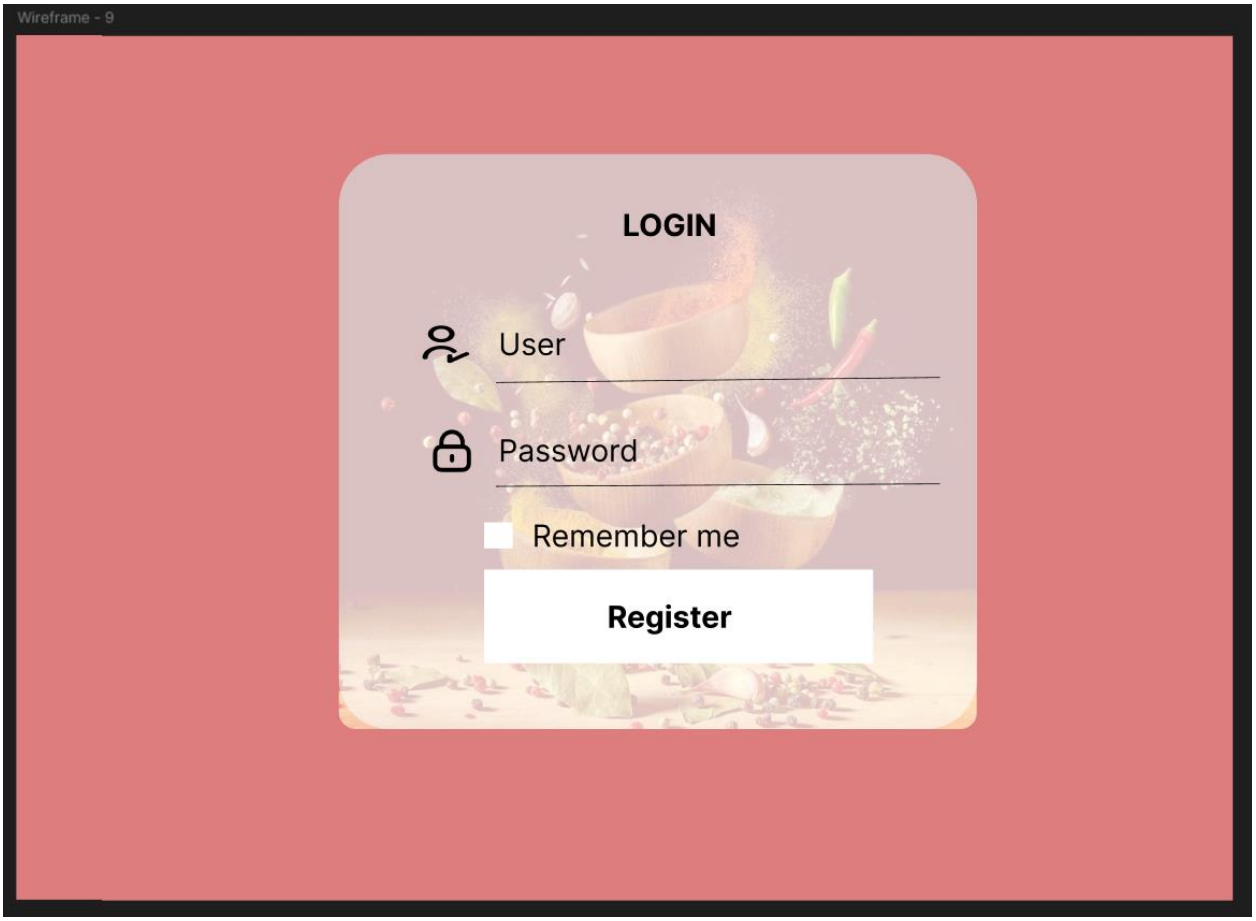


8.High Fidelity User Interfaces

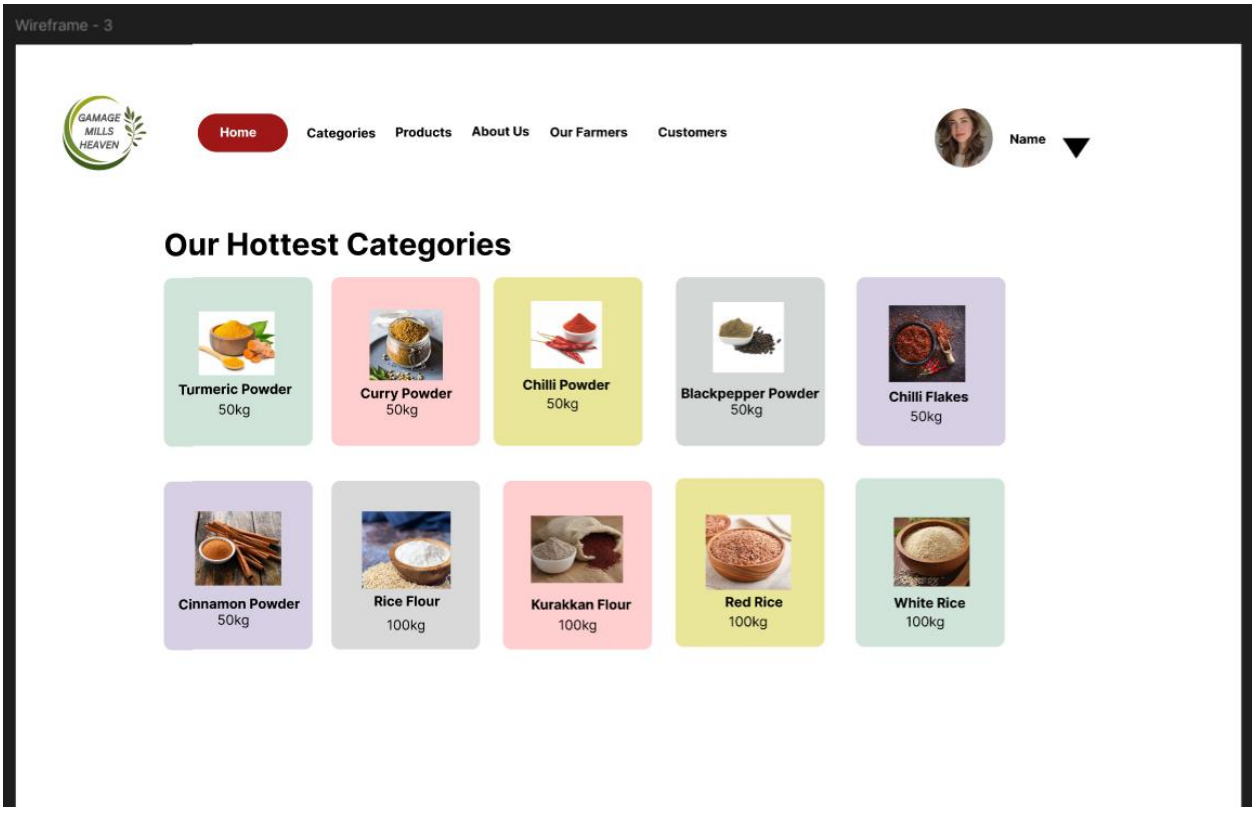
1. PAGE



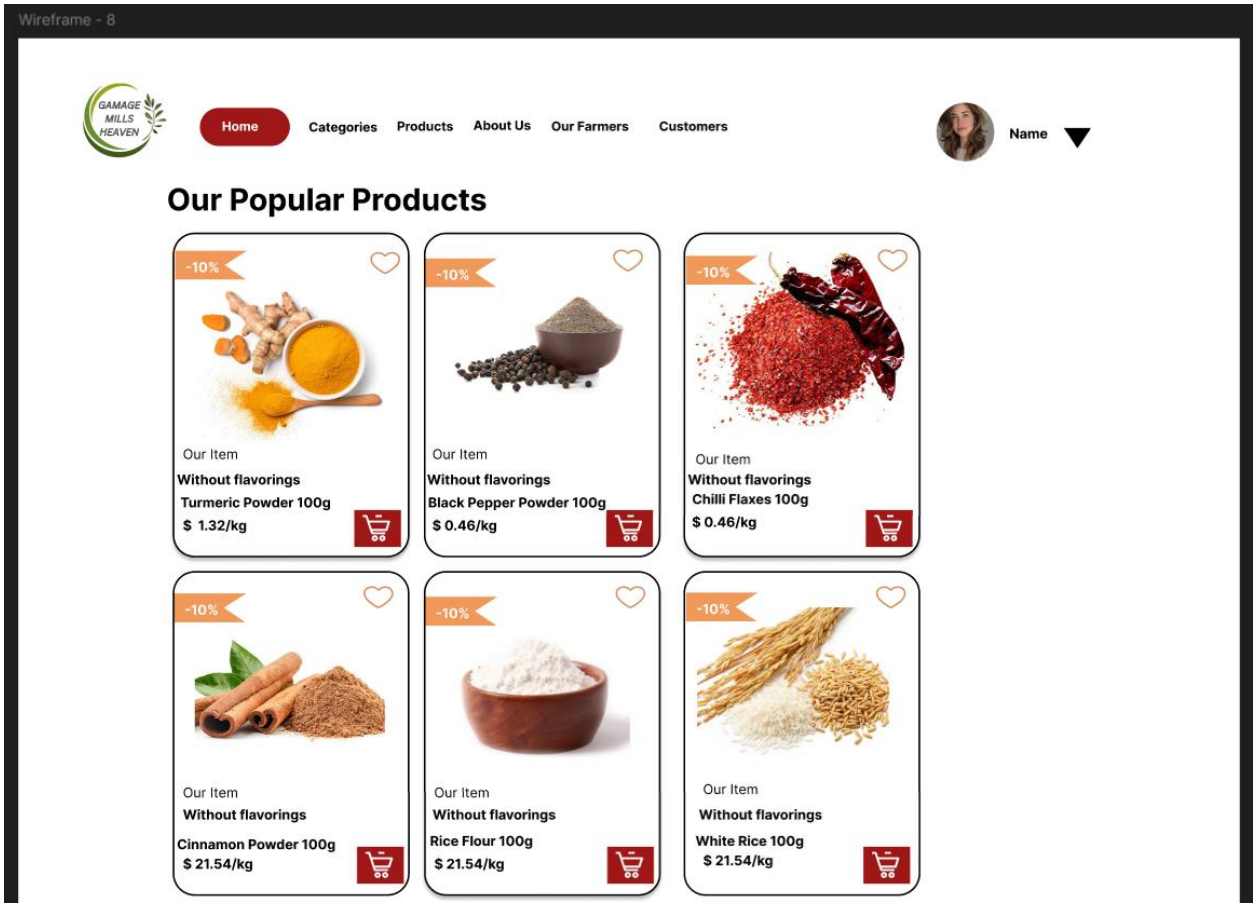
2. PAGE


Wireframe - 9
LOGIN
User
Password
Remember me
Register

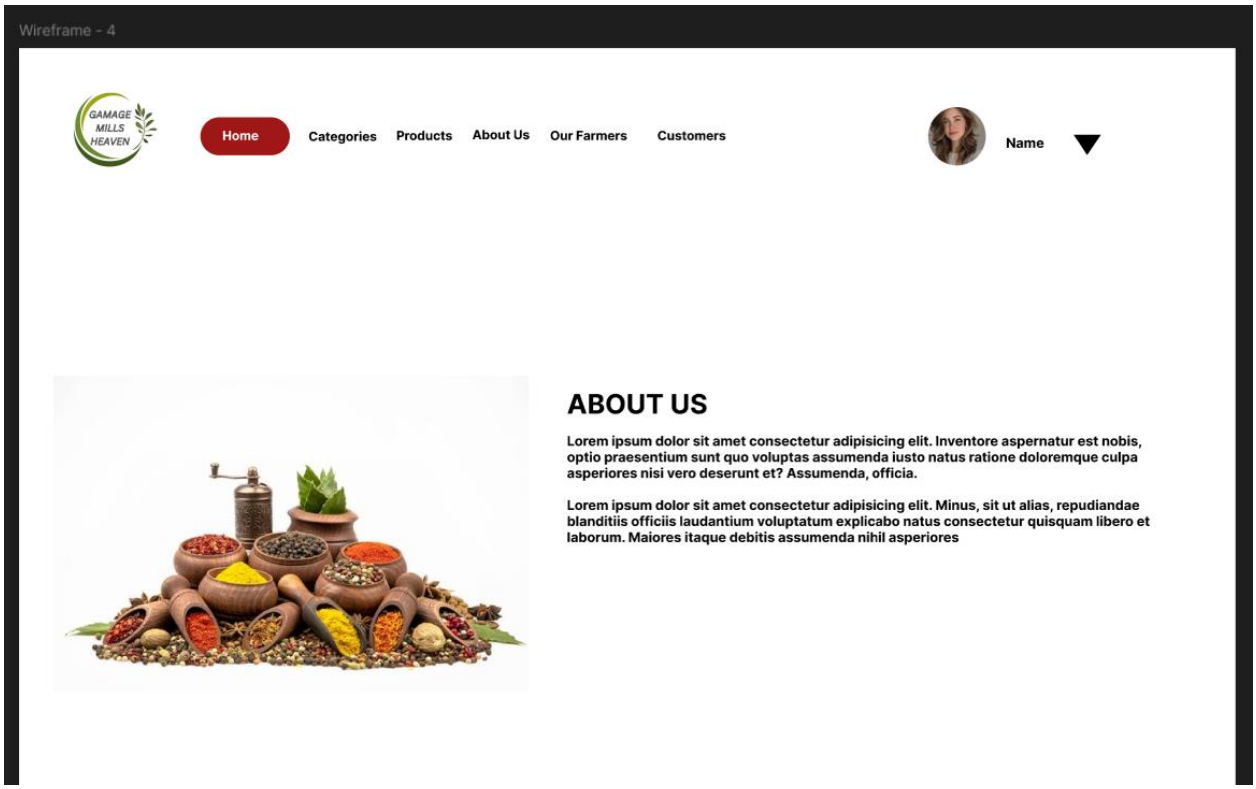
3. PAGE


Wireframe - 3
GAMAGE MILLS HEAVEN
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Our Hottest Categories
Turmeric Powder 50kg
Curry Powder 50kg
Chilli Powder 50kg
Blackpepper Powder 50kg
Chilli Flakes 50kg
Cinnamon Powder 50kg
Rice Flour 100kg
Kurakkan Flour 100kg
Red Rice 100kg
White Rice 100kg

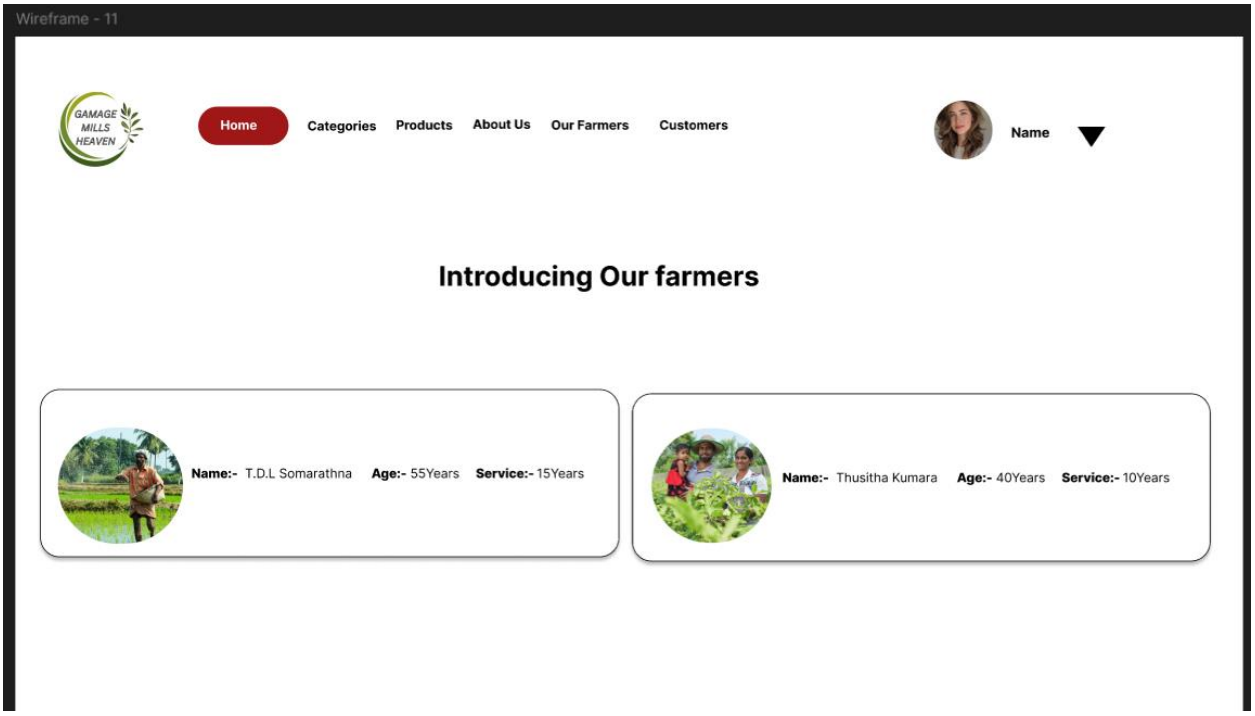
4. PAGE


Wireframe - 8
GAMAGE MILLS HEAVEN
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Our Popular Products
-10%
Our Item
Without flavorings
Turmeric Powder 100g
$ 1.32/kg
-10%
Our Item
Without flavorings
Black Pepper Powder 100g
$ 0.46/kg
-10%
Our Item
Without flavorings
Chilli Flaxes 100g
$ 0.46/kg
-10%
Our Item
Without flavorings
Cinnamon Powder 100g
$ 21.54/kg
-10%
Our Item
Without flavorings
Rice Flour 100g
$ 21.54/kg
-10%
Our Item
Without flavorings
White Rice 100g
$ 21.54/kg

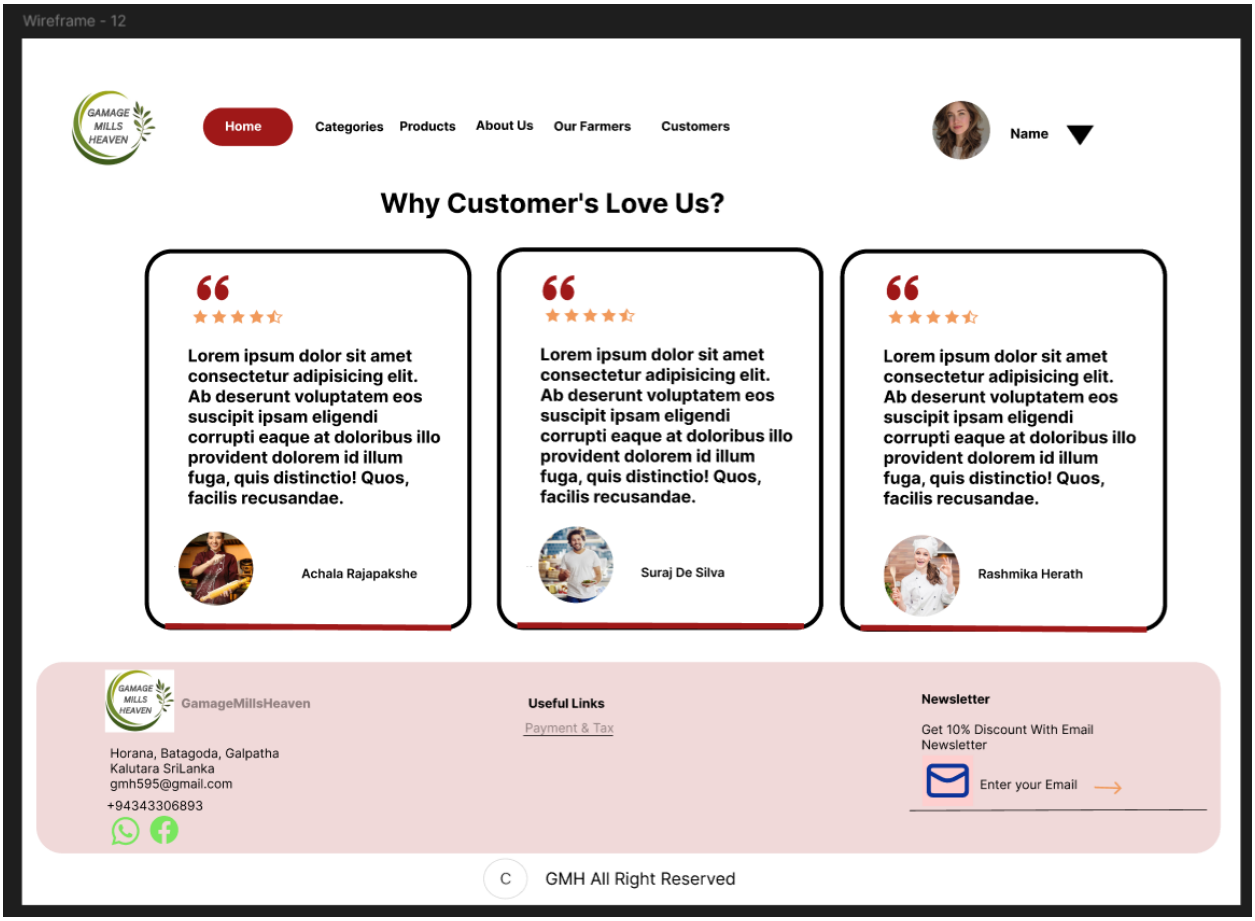
5. PAGE


Wireframe - 4
GAMAGE MILLS HEAVEN
Home
Categories
Products
About Us
Our Farmers
Customers
Name
ABOUT US
Lorem ipsum dolor sit amet consectetur adipisicing elit. Inventore aspernatur est nobis, optio praesentium sunt quo voluptas assumenda iusto natus ratione doloremque culpa asperiores nisi vero deserunt et? Assumenda, officia.
Lorem ipsum dolor sit amet consectetur adipisicing elit. Minus, sit ut alias, repudiandae blanditiis officiis laudantium voluptatum explicabo natus consectetur quisquam libero et laborum. Maiores itaque debitis assumenda nihil asperiores

6. PAGE


Wireframe - 11
GAMAGE MILLS HEAVEN
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Introducing Our farmers
Name:- T.D.L Somarathna
Age:- 55Years
Service:- 15Years
Name:- Thusitha Kumara
Age:- 40Years
Service:- 10Years

7. PAGE


Wireframe - 12
GAMAGE MILLS HEAVEN
Home
Categories
Products
About Us
Our Farmers
Customers
Name
Why Customer's Love Us?
Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab deserunt voluptatem eos suscipit ipsam eligendi corrupti eaque at doloribus illo provident dolorem id illum fuga, quis distinctio! Quos, facilis recusandae.
Achala Rajapakshe
Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab deserunt voluptatem eos suscipit ipsam eligendi corrupti eaque at doloribus illo provident dolorem id illum fuga, quis distinctio! Quos, facilis recusandae.
Suraj De Silva
Lorem ipsum dolor sit amet consectetur adipisicing elit. Ab deserunt voluptatem eos suscipit ipsam eligendi corrupti eaque at doloribus illo provident dolorem id illum fuga, quis distinctio! Quos, facilis recusandae.
Rashmika Herath
GamageMillsHeaven
Horana, Batagoda, Galpatha
Kalutara SriLanka
gmh595@gmail.com
+94343306893
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Payment & Tax
Newsletter
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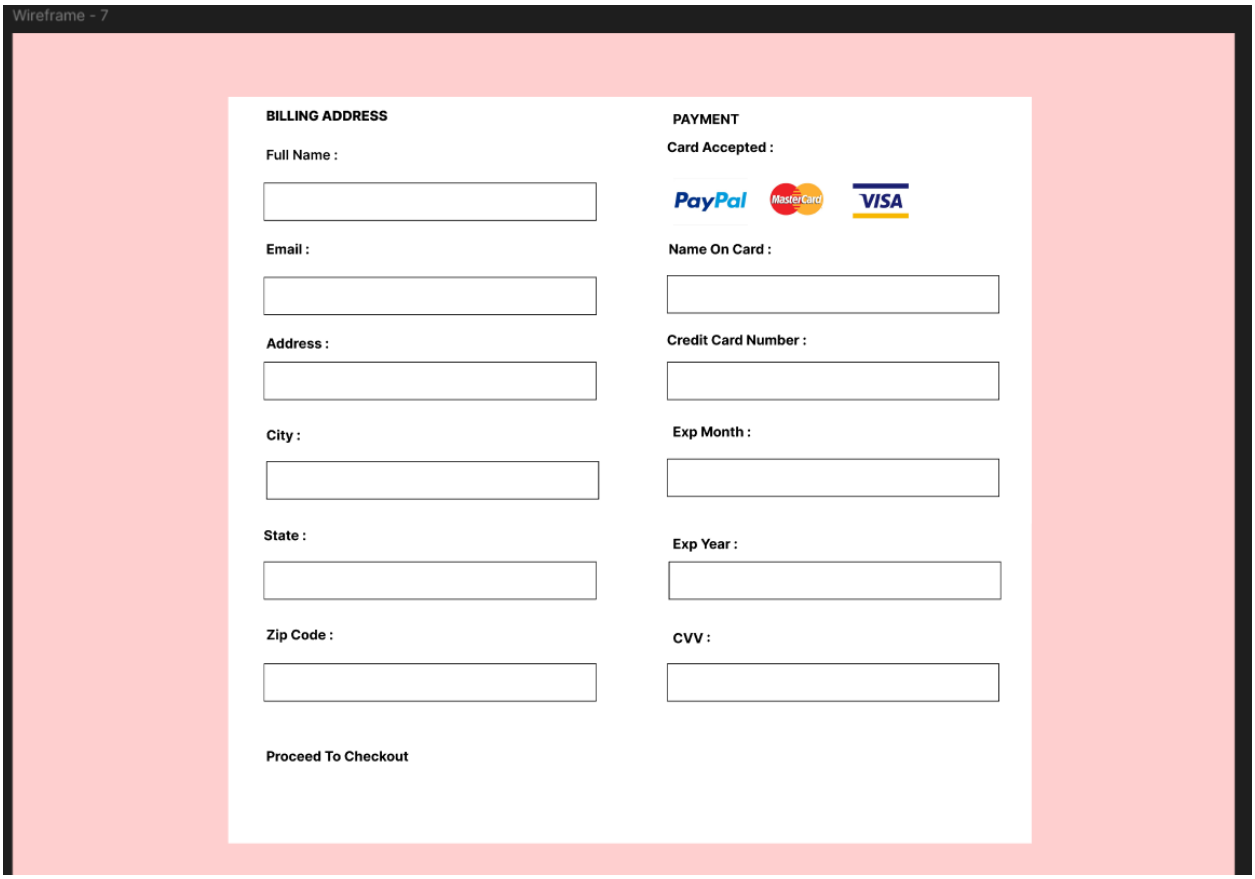
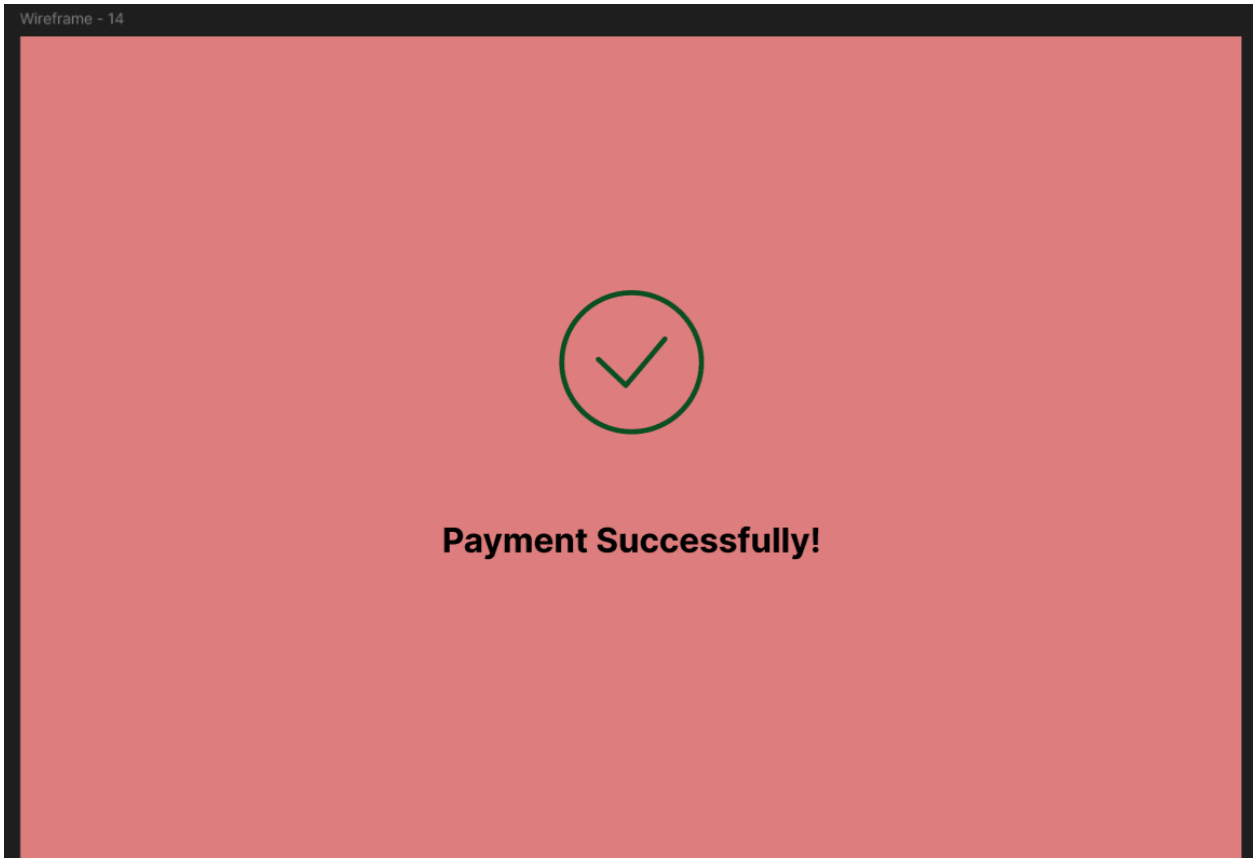
8. PAGE


Wireframe - 7
BILLING ADDRESS
Full Name :
Email :
Address :
City :
State :
Zip Code :
Proceed To Checkout
PAYMENT
Card Accepted :
PayPal
MasterCard
VISA
Name On Card :
Credit Card Number :
Exp Month :
Exp Year :
CVV :

9. PAGE


Wireframe - 14
Payment Successfully!