UNIVERSITY OF DELHI

SOFTWARE ENGINEERING PROJECT REPORT

B.Sc (Hons.) COMPUTER SCIENCE

(2020 - 2023)

E-commerce Website

Submitted By –

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(University of Delhi)

Department of Computer Science

E-commerce Website

(Software Engineering Project Report)

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- Coding / Implementation (Back-end)
- Testing

2.Rahul Batra

- Coding
- Designing (Front-end)

3.Sonu Raut

- Coding
- Designing (Logo)
- Documentation (Use case approach)

4.Tanisha Bisht

- Gathering & Analysis of Requirement
- Documentation (DFDs, Sequence Diagrams etc.)
- Testing

CERTIFICATE

This is to certify that Software Engineering project report entitled **" E-Commerce Website "** is the work carried out by **Kanika Vashisht , Rahul Batra , Sonu Raut and Tanisha Bisht** , student of B.Sc (H) Computer Science 4th Semester, **Ram Lal Anand College , University of Delhi** under the supervision of **Dr. Vandana Gandotra** . This report has not been submitted to any other organization/institution for the award of any other degree/diploma.

Dr. Vandana Gandotra
(Supervisor)

Dr. Rakesh Kumar Gupta
(Principal)

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ABSTRACT

An e-commerce website for grocery items permits a customer to make online orders for items and/or services from a store that serves both walk-in customers and online customers. The website presents an online display of all the items they want to sell. This web based application helps customers to choose their daily needs and add products to their shopping cart. Customers get their chosen products at their home. This web application saves a lot of time of customers.

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INTRODUCTION

The project entitled **"E-commerce Website"** is a web-based application. The main objective of the project is to build an application program to reduce the manual work for managing the Shopping, Internet, Products and Payment. It tracks all the details about the Payment, Bill, Customer. The project is totally built at the administrative end and thus only the administrator is guaranteed the access. Our site has a reselling option that allows users to resell items such as clothes, books, and other items.

1.1 BACKGROUND

The idea of an online shopping site is not a new one. So what makes our website different? To begin, our website offers products at wholesale costs, allowing it to assist other retail firms as well. Our website also has a resale option, making it helpful for both buyers and sellers. Users can benefit from the functionality of both the Blinkit and Olx websites on a single platform.

1.2 EXISTING SYSTEM

There are many e-commerce sites for grocery items like Blinkit, bigbasket, naturesbasket, brown bag etc. that help people buy online. It is also very easy to buy goods on these sites. The requirements for using these services are not high and they are free to boot. However, these sites come with their own set of problems.

1.3 OBJECTIVES

The virtual world already has a plethora of different online shopping sites. However, we aim for a different conclusion. The following objectives create the basis of this project:

1. Smooth flow of data. There should be no communication gap.
2. Authenticity
3. A system that is user friendly, cost effective and easy to use. This website doesn't require heavy hardware or expensive software to run. Anybody with a stable internet connection can view this website.
4. Smooth usage for good user experience. We have used Django in a bid to keep our program fast and lightweight without cutting out on any of the important features.
5. The data should be updated from time to time.
6. Security of data. The login information is confidential and can't reach the hands of third parties.
7. Facilitating personal development.
8. Database security. Django comes with its own features, such that the database will not be breached.
9. Creation of a central database so that all data is stored in a single place. This reduces duplication if data and space is utilized efficiently.

1.4 PROBLEM STATEMENT

Electronic Commerce (E-Commerce) remains a very new, growing, and continually evolving field of company management and information technology even today, sometime after the so-called "Internet revolution." E-Commerce, in layman's words, is the entire process of marketing, selling, delivering items, and providing customer service over the Internet. It has transformed the way businesses operate. Consumers may buy practically anything online at any time of day or night. E-commerce or Electronic commerce is the buying and selling of products or services over the internet or any other electronic media. It includes electronic fund transfer, internet marketing, online transaction processing etc.

Online shopping is a web application which provides grocery items to everyone at their desktop and provides service of reselling online. The users living anywhere can connect through the internet to get these services. This web application is more effective and fast in response.

1.5 PROCESS MODEL

The model chosen for our project is **'Waterfall Model'**. The requirements are well known i.e. it is known what all functionalities and behavior should be there .The technology is understood and well incorporated in the project. There is no ambiguity in requirements and they are met in the project. Very less customer interaction is involved during the development of the product. Once the product is ready then only it can be demoed to the end users. Thus this model suits the best for the project.

Waterfall approach was first SDLC Model to be used widely in Software Engineering to ensure success of the project. In "The Waterfall" approach, the whole process of software development is divided into separate phases. In this Waterfall model, typically, the outcome of one phase acts as the input for the next phase sequentially.

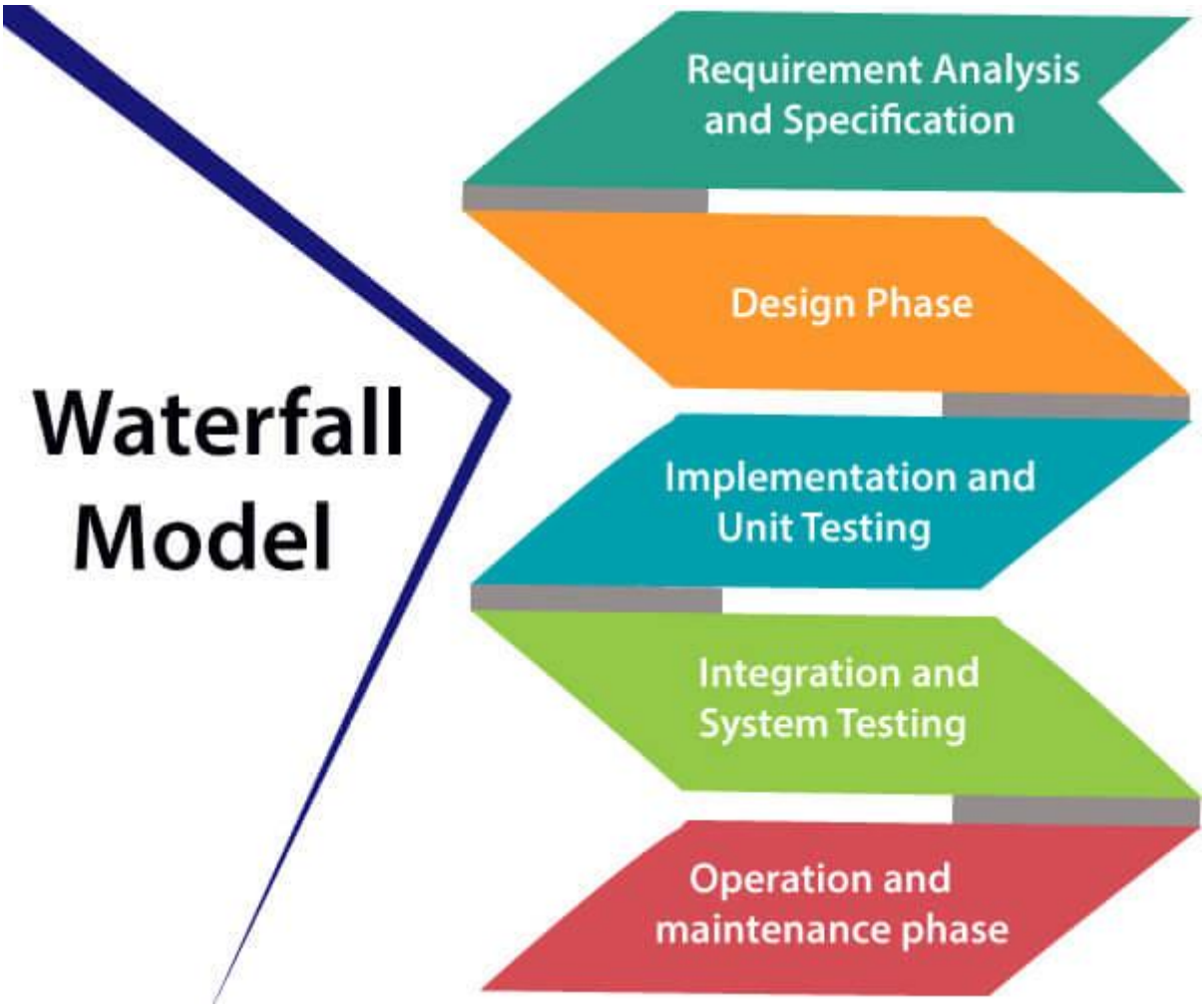


Fig 1 : Waterfall Model

Waterfall Model - Advantages

The advantages of waterfall development are that it allows for departmentalization and control. A schedule can be set with deadlines

for each stage of development and a product can proceed through the development process model phases one by one.

Some of the major advantages of the Waterfall Model are as follows –

- Simple and easy to understand and use
- Easy to manage due to the rigidity of the model. Each phase has specific deliverables and a review process.
- Phases are processed and completed one at a time.
- Works well for smaller projects where requirements are very well understood.
- Easy to arrange tasks.
- Process and results are well documented.

Waterfall Model - Disadvantages

The disadvantage of waterfall development is that it does not allow much reflection or revision. Once an application is in the testing stage, it is very difficult to go back and change something that was not well-documented or thought upon in the concept stage.

The major disadvantages of the Waterfall Model are as follows –

- No working software is produced until late during the life cycle.
- High amounts of risk and uncertainty.
- Not a good model for complex and object-oriented projects.
- Poor model for long and ongoing projects.
- Not suitable for the projects where requirements are at a moderate to high risk of changing. So, risk and uncertainty is high with this process model.
- It is difficult to measure progress within stages.
- Adjusting scope during the life cycle can end a project.

REQUIREMENT AND ANALYSIS

The basic function of requirement analysis is that it translates the ideas in the mind of the clients into a formal document. Thus the output of this phase is a set of precisely specified requirements which are complete and consistent. This document is called Software Requirement Specification.

The software requirement specification document satisfies the following:

- It specifies the external system behaviour.
- It specifies constraints on the implementation.
- It serves as a reference tool for system maintainers.
- It records forethought about the life cycle of the system.
- It characterizes acceptable response to undesired events.
- It is easy to change.

2.1 REQUIREMENT SPECIFICATION

The goal of this program is ease of use and to provide an interactive interface that doesn't lose out on functionalities while keeping the application smooth and user friendly, research has been done to gain an insight into the needs and behaviours of various users. We have tried our best to keep the interface simple and easy to understand.

2.1.1 Functional Requirements

- System should have a way to authenticate the user via username and password.
- System should have a provision of letting users to add, modify or delete their products for resell.
- System should be secure. Unauthorized access to database or third party intervention shouldn't be possible.
- System should keep the database secure.
- System should have a facility for admin to modify website.
- Transactions should be completely secure.

2.1.2 Non-Functional Requirements

- The users of the system should be provided user id and password along with well defined access privileges.
- 24X7 internet connectivity should be provided.
- User details should be kept confidential
- Systems should have proper backups to handle system crash scenarios.

2.2 SOFTWARE AND HARDWARE REQUIREMENTS

Hardware requirements to run the application:

A laptop/pc/phone with a stable internet connection (above 2mpbs)

Software used while developing application:

OS: Windows 11

Platform: VSCode

Programming language: C++, JavaScript, PHP

Database: Xampp

User Interface: HTML, CSS

Framework: Tailwind

2.3 USE CASE APPROACH

In software and systems engineering, a use case is a list of actions or event steps, typically defining the interactions between a role (known in the Unified Modeling Language as an actor) and a system, to achieve a goal. The actor can be a human, an external system, or time. In systems engineering, use cases are used at a higher level than within software engineering, often representing missions or stakeholder goals. Another way to look at it is a use case describing a way in which a real-world actor interacts with the system. In a system use case you include high-level implementation decisions.

Planning of use case -

Use Case : What is the main objective of this use case? For eg. Adding a software component, adding certain functionality etc.

Primary Actor : Who will have the access to this use case. In the above examples, administrators will have the access.

Scope : Scope of the use case.

Level : At what level the implementation of the use case be.

Flow : What will be the flow of the functionality that needs to be there. More precisely, the work flow of the use case.

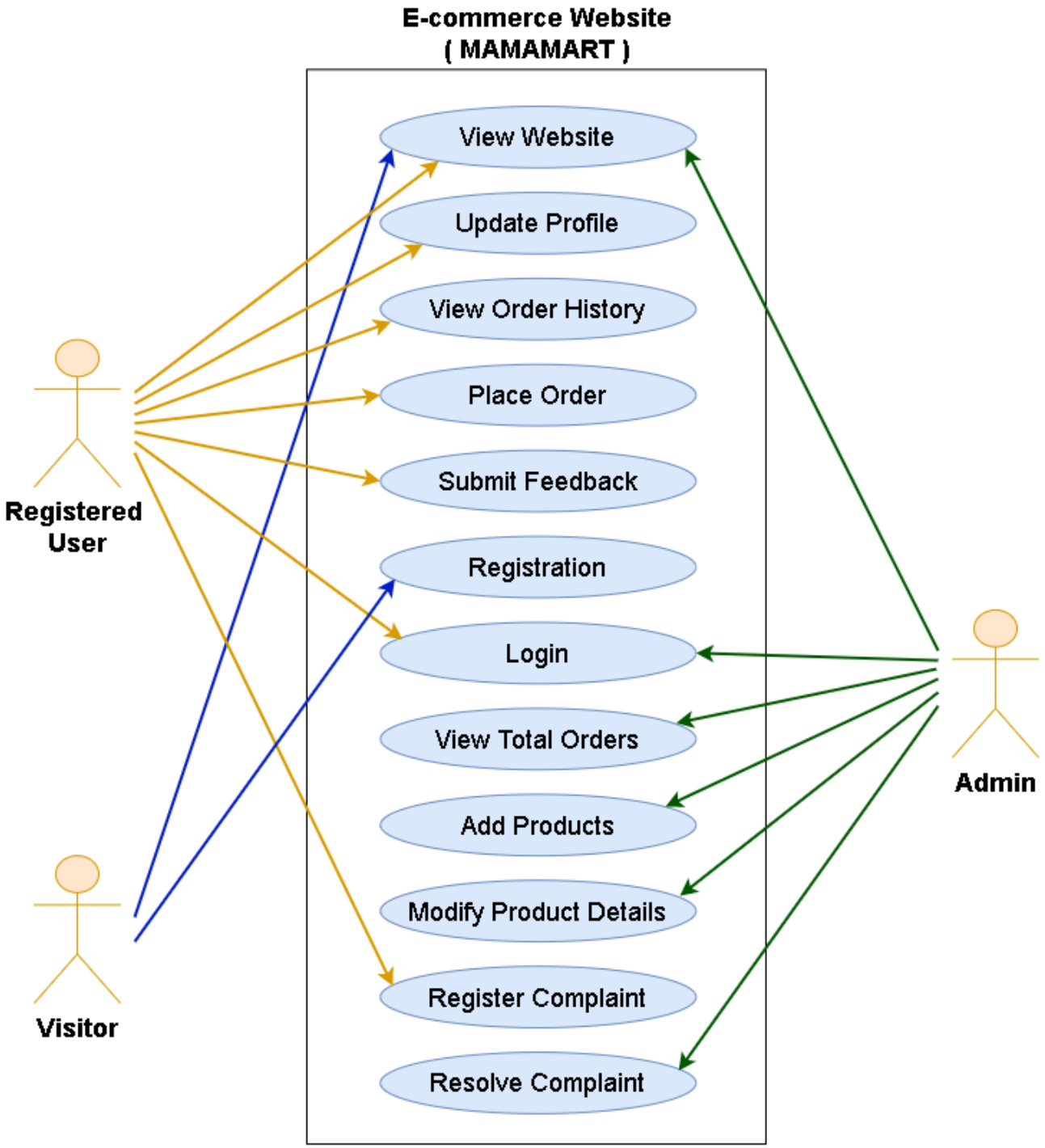


Fig 2 : Use-Case Diagram

2.4 FLOW ORIENTED MODELING

The flow oriented modeling represents how data objects are transformed as they move through the system. The flow oriented modeling takes an input-process-output view of a system. That is, data objects flow into the software, are transformed by processing elements, and resultant data objects flow out of the software.

2.4.1 DATA FLOW DIAGRAM

Data flow diagram shows the flow of data from external entities into the system, and from one process to another within the system. It is a graphical representation of flow of data through a system.

There are four symbols for drawing a DFD:

1. Rectangles representing external entities, which are sources or destinations of data.
2. Ellipses representing processes, which take data input, validate and process it and output it.
3. Arrows representing the data flows, which can either be electronic data or physical items.
4. Open-ended rectangles representing data stores including electronic stores such as databases.

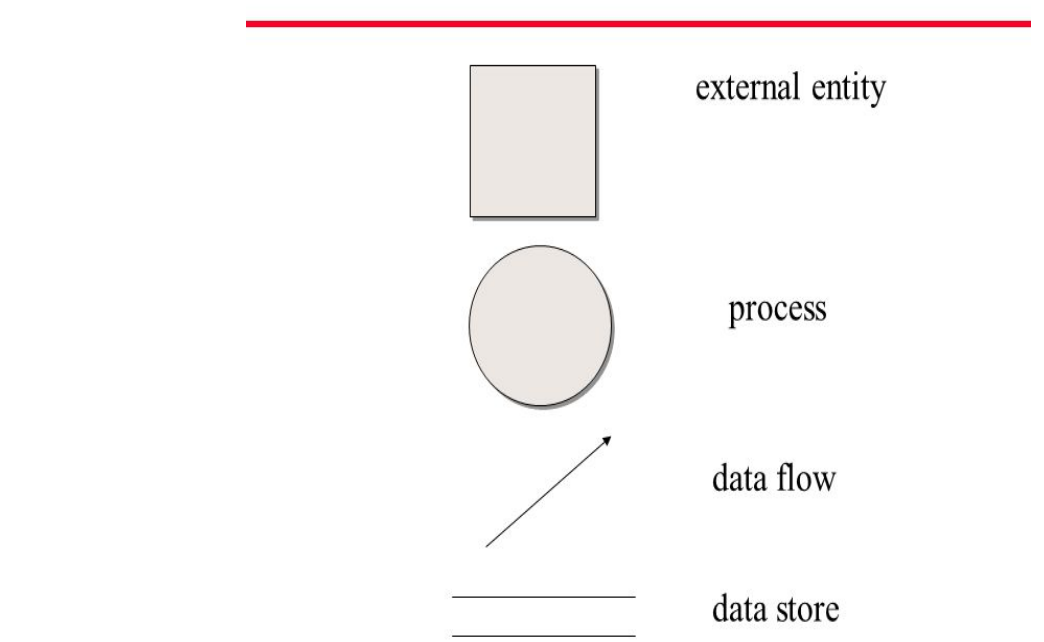


Fig 3 : DFD Notations

Context Level Diagram (Level 0)

It is also known as the fundamental system model, or context diagram that represents the entire software requirement as a single bubble with input and output data denoted by incoming and outgoing arrows.

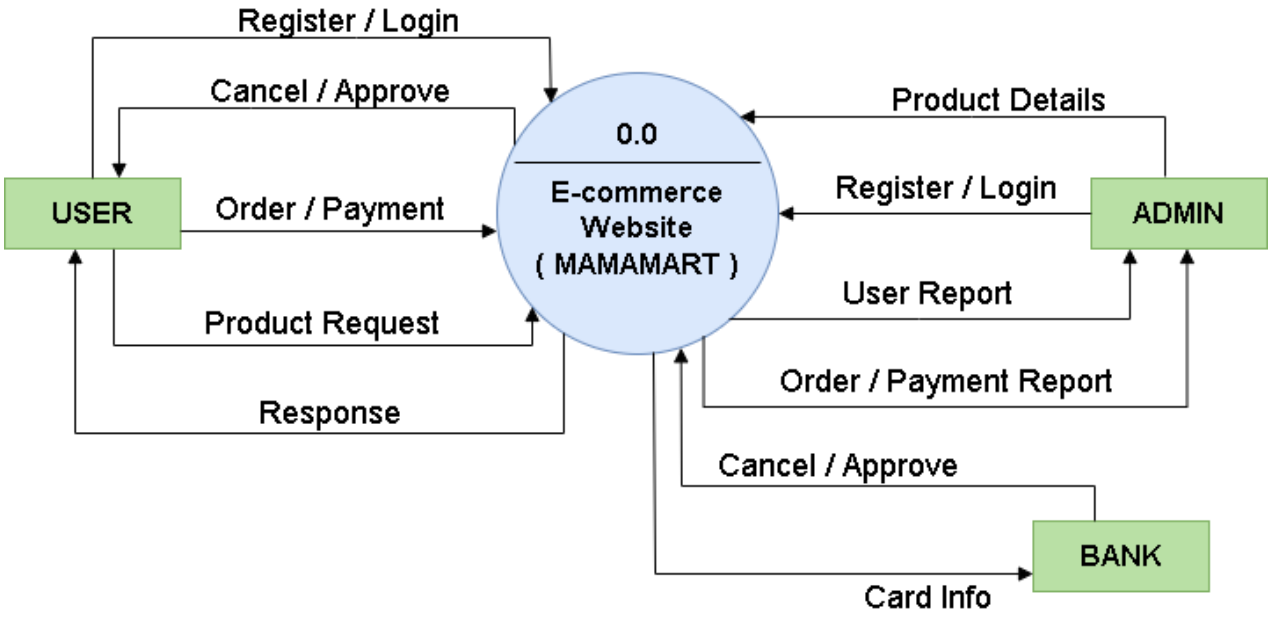


Fig 4 : 0-Level DFD

1 – Level DFD

In 1-level DFD, a context diagram is decomposed into multiple bubbles/processes. In this level, we highlight the main objectives of the system and breakdown the high-level process of 0-level DFD into subprocesses.

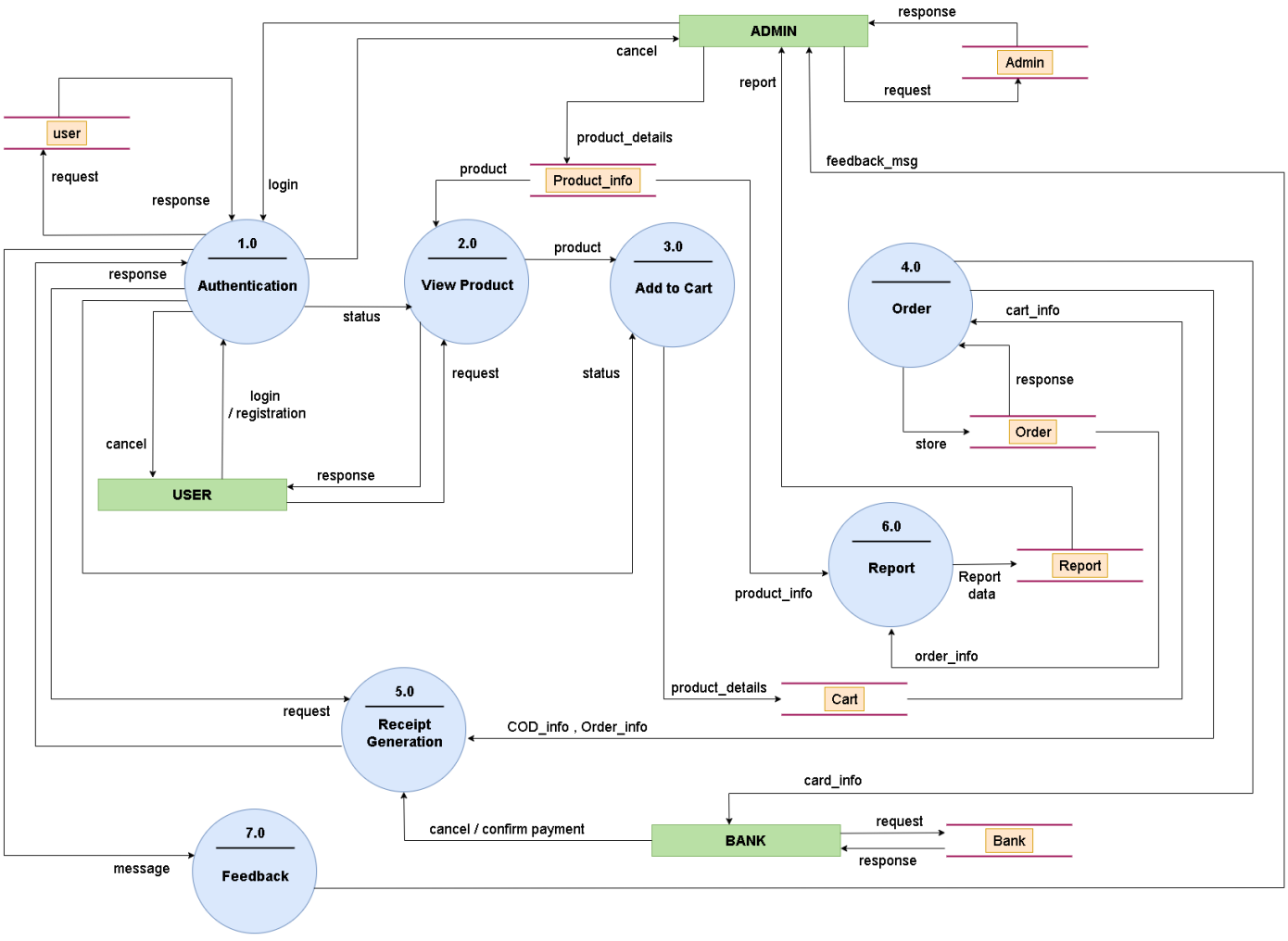


Fig 5 : 1-Level DFD

2 – Level DFD

2-level DFD goes one process deeper into parts of 1-level DFD. It can be used to project or record the specific/necessary detail about the system's functioning.

1.Authentication

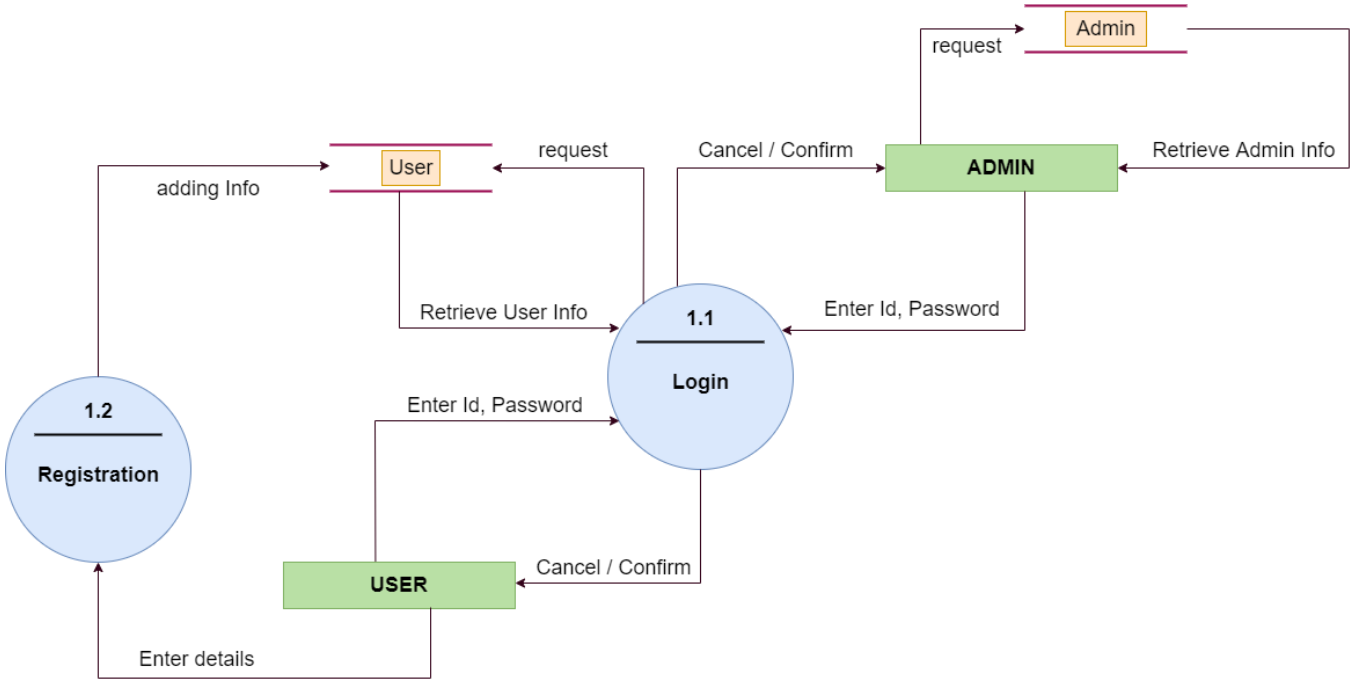


Fig 6 : 2-Level DFD - (Authentication)

2.Product Information

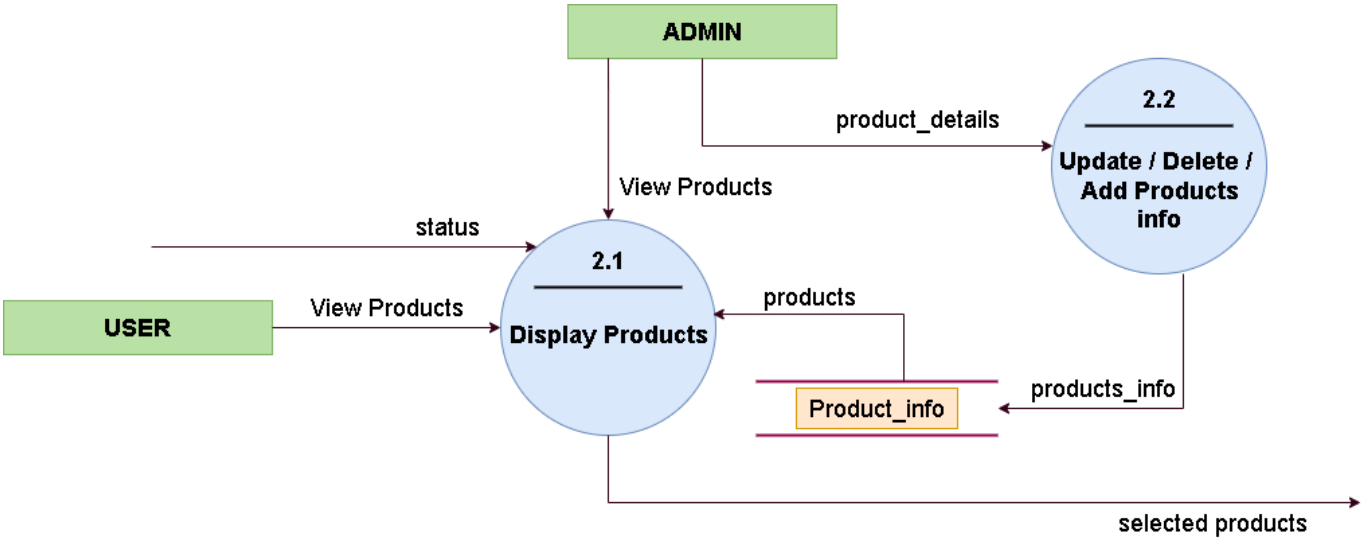


Fig 7 : 2-Level DFD - (Product Information)

3.Order Information

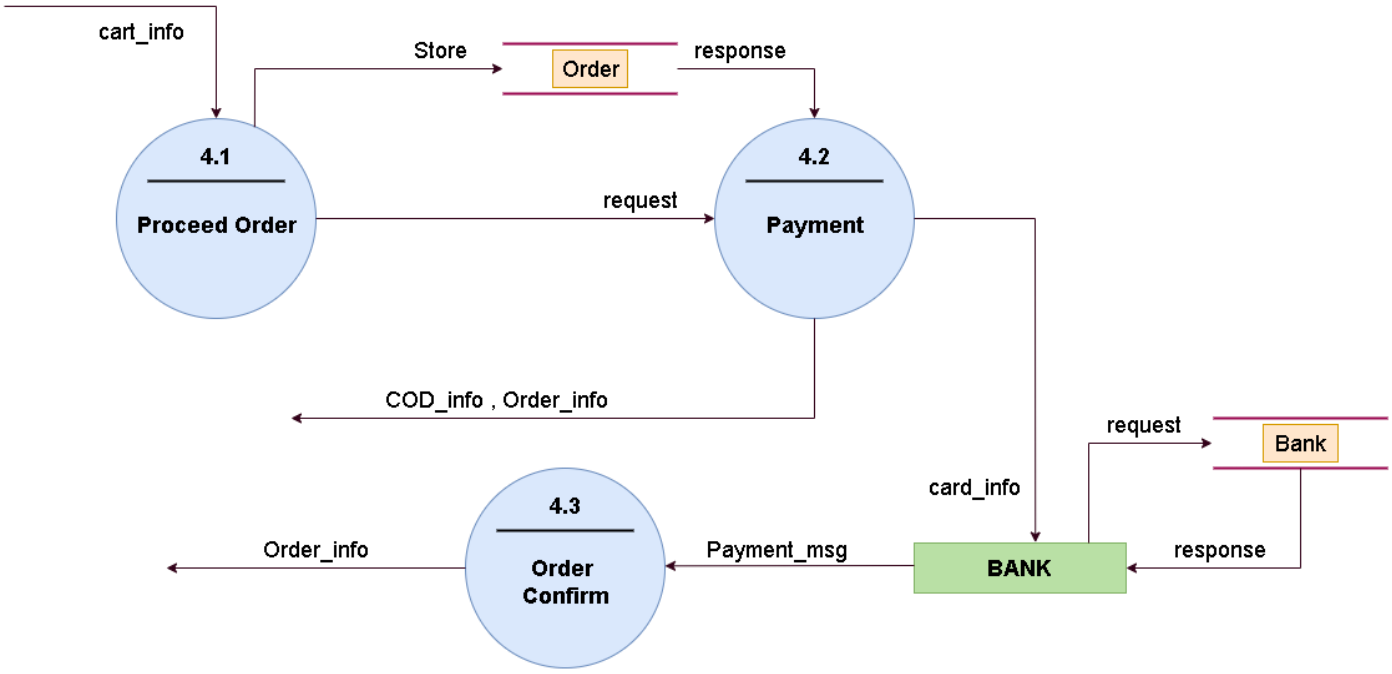


Fig 8 : 2-Level DFD - (Order Information)

2.5 Sequence Diagram

The sequence diagram represents the flow of messages in the system and is also termed as an event diagram. It helps in envisioning several dynamic scenarios. It portrays the communication between any two lifelines as a time-ordered sequence of events, such that these lifelines took part at the run time.

Purpose of a Sequence Diagram

1. To model high-level interaction among active objects within a system.
2. To model interaction among objects inside a collaboration realizing a use case.
3. It either models generic interactions or some certain instances of interaction.

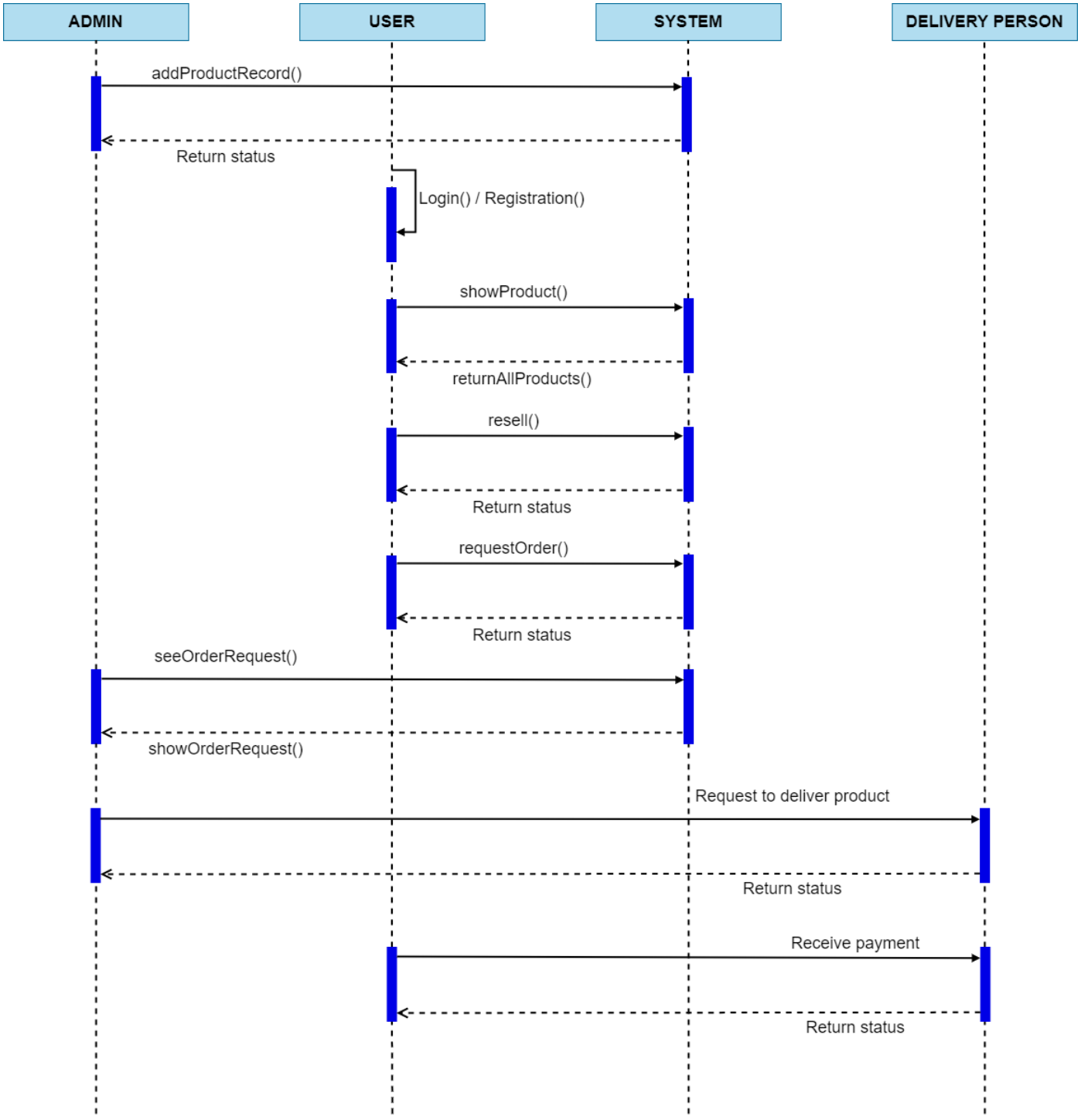


Fig 9 : Sequence Diagram

2.6 Data Dictionary

A data dictionary is a collection of the names, definitions, and attributes for data elements and models. The data in a data dictionary is the metadata about the database. These elements are then used as part of a database, research project, or information system.

The data dictionary contains information about the following –

- Names of all the database tables and their schemas.
- Details about all the tables in the database, such as their owners, their security constraints, when they were created etc.
- Physical information about the tables such as where they are stored and how.
- Table constraints such as primary key attributes, foreign key information etc.
- Information about the database views that are visible.

Databases of tables :

Table name		Database name
users	→	login_sample_db
producttb	→	productdb

Table - 1 : Data Dictionary

Table Name	Field	Type	Content
users	id	bigint(20)	index
	user_id	bigint(20)	users id
	user_name	varchar(100)	users name
	password	varchar(100)	password of user
	date	timestamp	date on which user registered
producttb	id	int(50)	product id
	product_name	varchar(500)	product name
	product_price	float	product price
	product_image	varchar(300)	product image

PROJECT MANAGEMENT

Project management involves the planning, monitoring and control of the people, process and events that occur as software evolves from a preliminary concept to an operational implementation. Effective software project management focuses on the four principles: people, product, process and project.

3.1 Functional Point Estimation

Table - 2 : Total Degree of Influence

Questions	VAFs
F1.Does the system require reliable backup and recovery? Yes, the system require backup of data for further use of information.	4
F2.Are specialized data communication required to transfer information to or from the application? Communication is required as to confirm selection of products.	4
F3.Are there distributed processing functions? Not much	2
F4.Is performance critical? Sometimes it gets critical, when product is selected and is not found in quantity and quality.	2
F5.Will the system run in an existing, heavily utilized operational environment? Beside some applications, most of the application of software can run in an existing, heavily utilized operational environment.	3

F6.Does the system require on-line data entry? The whole software is based on online data entry that is stored in online databases.	5
F7.Does the on-line data entry require the input transaction to be built over multiple screen or operations? Yes, the input data entry will get stored at multiple screen i.e. at admin website and at customers profile.	4
F8.Are the ILFs updated online? The data that reside within the applications boundary and is maintained via external input is updated as soon as user changes any of its information.	4
F9.Are the inputs, outputs, files, or inquiries complex? Yes a lot of time. Inquiries of the product and the selection or rejection of data maintenance can result in complexion.	3
F10.Is the internal processing complex? The database maintenance can be a little bit complex and operating system used also affects the internal processing.	3
F11.Is the code designed to be reusable? Not every part of the code, but some part of the code can be made reusable to use existing information.	3
F12.Are conversions and installations included in the design? Yes, Conversion of decimal to binary form.	3
F13.Is the system designed for multiple installations in different organizations? Yes, software is operating system independent.	5
F14.Is the application design to facilitate change and for ease of use by the user? Yes, the software facilitate the changes and ease of use and the information modified will be kept safe and private.	5
TOTAL	**50**

VALUE ADJUSTMENT FACTOR (VAFs) = Σfi = 50

Now ,

CAF(Complexity Adjustment Factor) = 0.65 + (0.01 * Σfi)

CAF = 0.65 + (0.01 * 50) = 0.65 + 0.5

CAF = 1.15

External Inputs (EIs) : 5

(User Login, Product Search, Product Specifications, Order Details, Payment Details)

External Outputs (EOs) : 5

(Product Specifications, Order Confirmations, Bill Generation, Feedback, Report Generation)

External Inquiries (EQs) : 3

(Fetching Product Details, Fetching Order Details, Calculating Purchase Details)

External Interface Files (EIFs) : 1

(Checking Bank/Card Details)

Internal Logical Files (ILFs) : 2

(User Table, Product Table)

Table - 3: Unadjusted Function Point

Information Domain Value	Count	Simple	Average	Complex	Weighing Count
External Input	5	3	4*	6	20
External Output	5	4	5*	7	25
External Inquiries	3	3	4	6*	18
Internal Logical Files	2	7	10*	15	20
External Interface Files	1	5	7*	10	7
Unadjusted Function Point (UFP) = TOTAL COUNT					**90**

COMPUTING FUNCTION POINT

To compute function point following relation is used :

FP = UFP * (0.65 + 0.01 * Σfi) OR UFP * CAF

Now ,

FP (Function Point) = UFP * CAF

FP = 90 * 1.15

FP = 103.5

3.2 Efforts Estimation

The average productivity for this kind of system = 6 FP/pm

Considering the labour rate = Rs.9000

Cost per FP = 1500

Total Efforts = FP (Calculated) / average productivity

= 103.5 / 6

= 17.25 ≈ 17

= 17 person-months

3.3 Cost Estimation

Total cost for the project = Total efforts * labour rate

= 17 * 9000

= Rs. 153000

Therefore, Project costing = 1,53,000 Rs

3.4 Risk Table

Table - 4: Risk Table

RISKS	CATEGORY	PROBABILITY	IMPACT
Technical fault and glitches	TE	45%	3
Large no. of user than planned	PS	50%	3
End users may resist the system	BU	45%	2
Delivery deadline will be tightened	BU	60%	2
Loss of Funding	CU	50%	3
Customer will change requirements	BU	80%	2
Technology will not meet expectation	PS	40%	3
Lack of training on tools	OP	45%	2
Staff inexperienced	ST	65%	2
A huge spike in staff turnover	ST	40%	3
Improper management of tasks	OP	30%	4

IMPACT VALUES –

PS – PROJECT SIZE RISK

BU – BUSINESS RISK

TE – TECHNICAL RISK

OP – OPERATIONAL RISK

1 – Catastrophic

2 – Critical

3 – Marginal

4 – Negligible

3.5 Timeline Chart

Table – 5: Timeline Chart

Tasks	Month 1				Month 2				Month 3				Month 4			
	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4
Complete Project Execution																
Problem Statement																
Proposed Solution																
Proceess Model																
Discussion With Clients																
Supervision and Meetings																
Requirement Analysis																
Use Case Approach																
Data Flow Diagrams																
Data Dictionary																
Sequence Diagram																
Computing FP																
Effort Estimation																
Schedule Estimation																
Cost Estimation																
Risk Table																
Architectural Design																
Pseudocode																
UI Design																
Coding Software																
Implementation																
Testing																
Maintenance																
Documentation																

DESIGN ENGINEERING

The design phase of software development deals with transforming the customer requirements as described in the SRS documents into a form implementable using a programming language.

The software design process can be divided into the following three levels of phases of design:

1. Interface Design
2. Architectural Design
3. Detailed Design

4.1 Architectural Design

Architectural design is the specification of the major components of a system, their responsibilities, properties, interfaces, and the relationships and interactions between them. In architectural design, the overall structure of the system is chosen, but the internal details of major components are ignored.

The architectural design adds important details ignored during the interface design. Design of the internals of the major components is ignored until the last phase of the design.

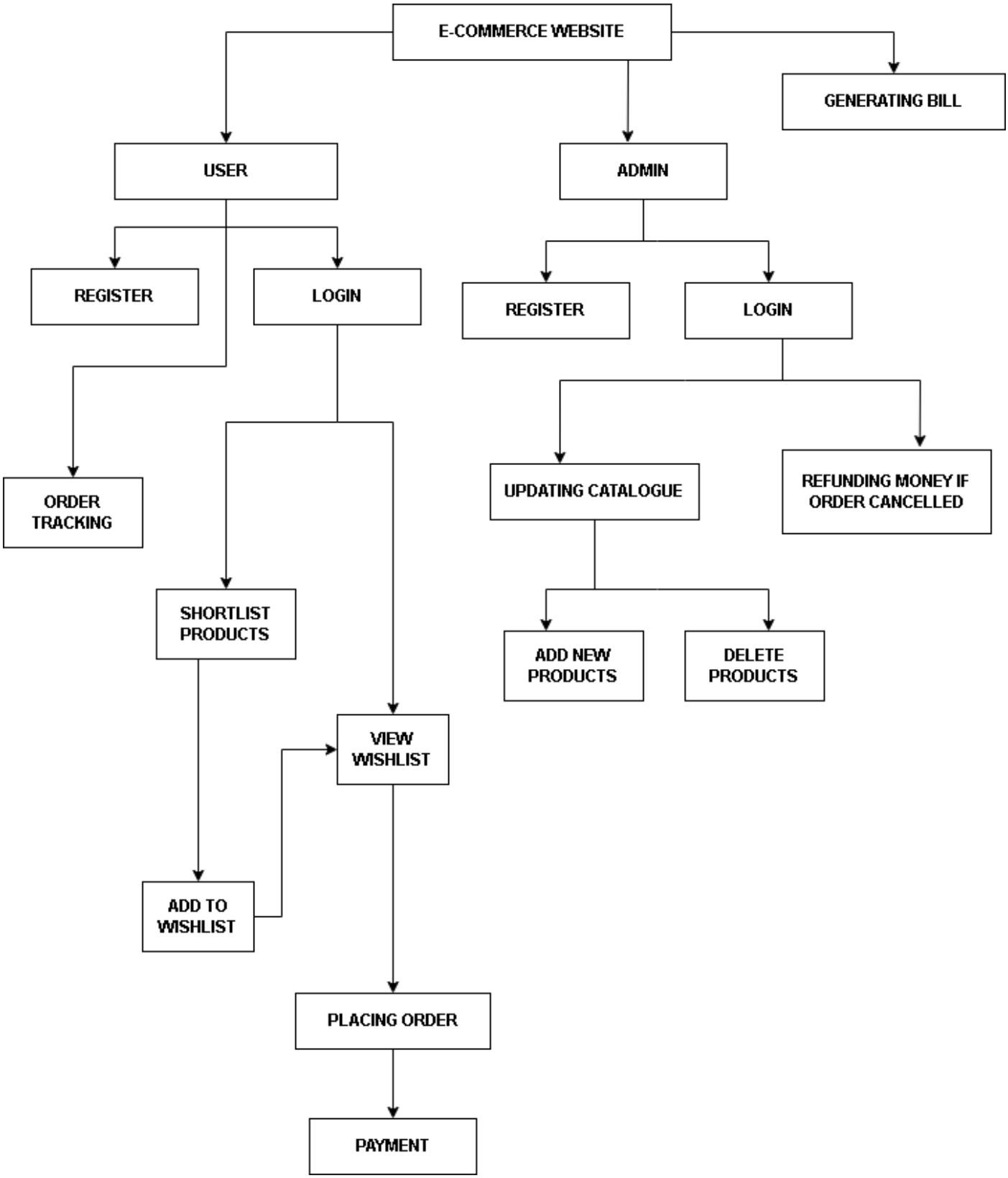


Fig 10 : Architectural Design

4.2 Coding of a small module

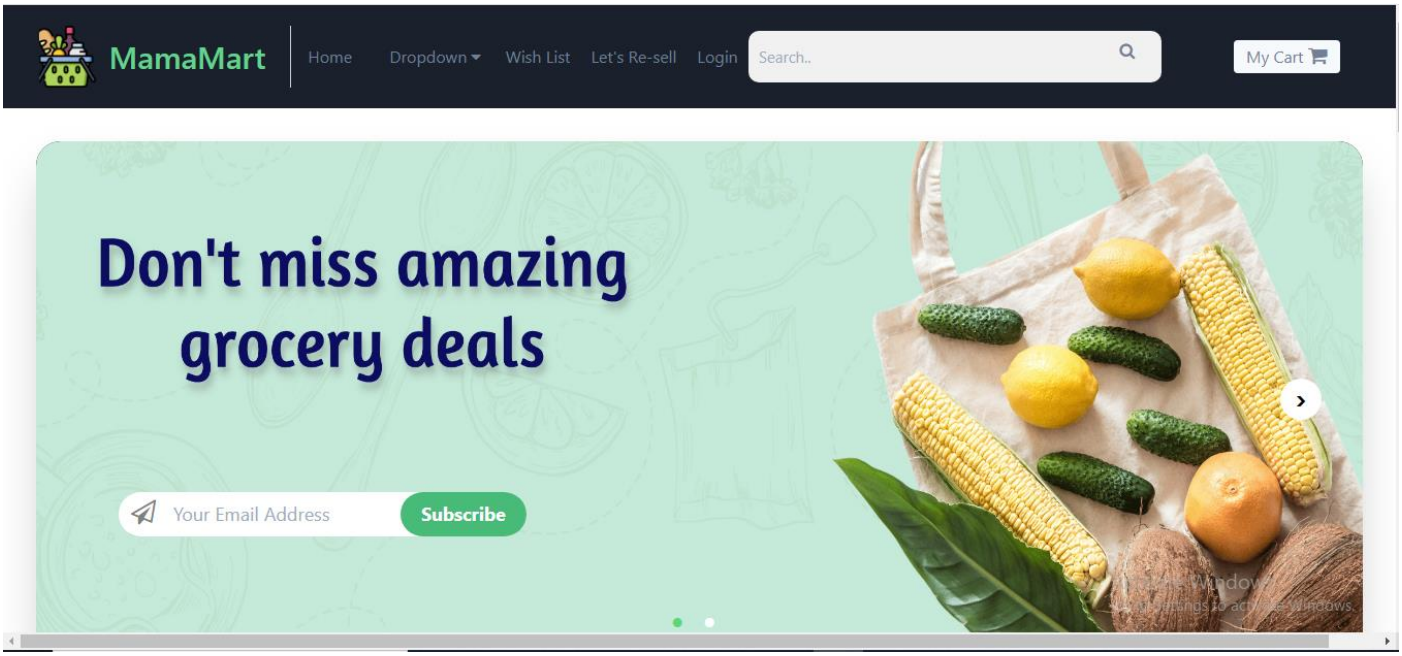
Login Module

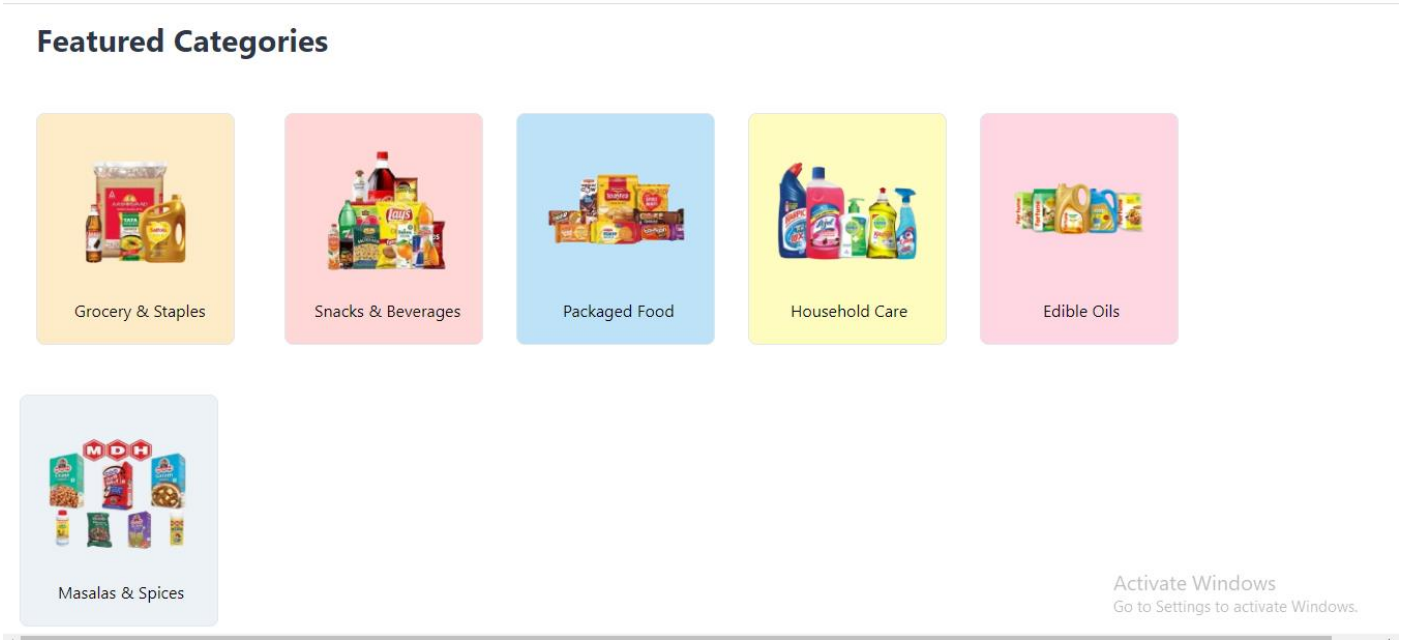
```
<?php
session_start();
	include("connection.php");
	include("functions.php");
	if($_SERVER['REQUEST_METHOD'] == "POST")
	{
		//something was posted
		$user_name = $_POST['user_name'];
		$password = $_POST['password'];
		if(!empty($user_name) && !empty($password) && !is_numeric($user_name))
		{
			//read from database
			$query = "select * from users where user_name = '$user_name' limit 1";
			$result = mysqli_query($con, $query);
			if($result)
			{
				if($result && mysqli_num_rows($result) > 0)
				{
					$user_data = mysqli_fetch_assoc($result);

					if($user_data['password'] === $password)
```

```
                        {
                            $_SESSION['user_id'] = $user_data['user_id'];
                            header("Location: index.php");
                            die;
                        }
                    }
                }
                echo "wrong username or password!";
            }else
            {
                echo "wrong username or password!";
            }
        }
?>
```

4.3 Website Screenshots

Landing Page





Activate Windows
Go to Settings to activate Windows.

Best prices & Offers
Orders ₹150 or more

Free Delivery
24/7 amazing services

Great daily deal
When you sign up

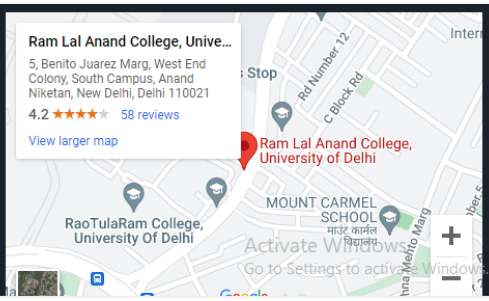
Wide assortment
Mega Discounts

Easy returns
Within 30 days

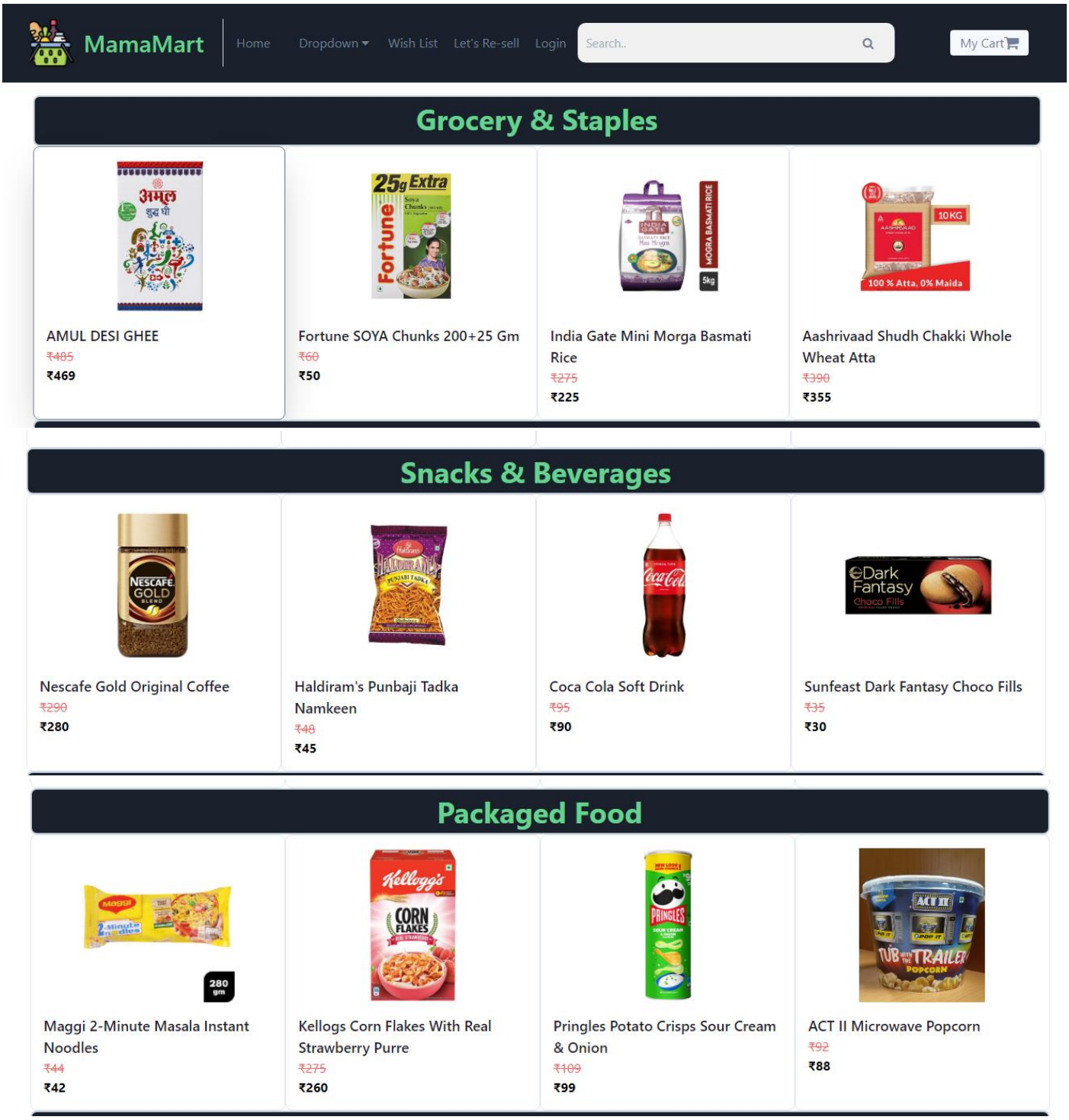
MamaMart
Grocery store website

ABOUT
- Contact Us
- About Us
- Press
- Information
- Privacy Policy
- Terms & Conditions

POPULAR
- Grocery & Staples
- Snacks & Beverages
- Packaged Food
- Household Care
- Edible Oil
- Masalas & Spices



Categories Page



Household Care

Surf Excel Liquid Detergent - Matic, Front Load
~~₹115~~
₹109

VIM BAR TUB 500G+100G FREE
~~₹50~~
₹48

Odonil Room Air Freshener Spray - Jasmine Fresh (240 ml)
~~₹155~~
₹109

Ezee Liquid Detergent (500 gm)
~~₹105~~
₹95

Edible Oils

Sundrop Super Lite Advanced - Sunflower Oil
~~₹1340~~
₹1310

Pantanjali Fortified Mustard Oil
~~₹1025~~
₹1015

Nature Fresh SoyaBean Oil JAR 5LTR
~~₹955~~
₹915

Fortune (Cooking Oil For Healthier Heart) Rice Bran Oil
~~₹1000~~
₹880

Masala & Spices

Everest Chole Masala (100 gm)
~~₹67~~
₹60

Everest Kutilal Red Chilli Powder
~~₹47~~
₹42

Catch Coriander Powder/Dhania
~~₹165~~
₹115

Catch Super Garam Masala
~~₹80~~
₹65

MamaMart

Air plant banjo lyft occupy retro adaptogen indego

ABOUT
- Contact Us
- About Us
- Press
- Information

HELP
- Payments
- Shipping
- Cancellation & Returns
- FAQ

POLICY
- Return Policy
- Terms of Use
- Security
- Privacy

POPULAR
- Milk & Flavoured Milk
- Sour Cream and Dips
- Cheese
- Ice Creams

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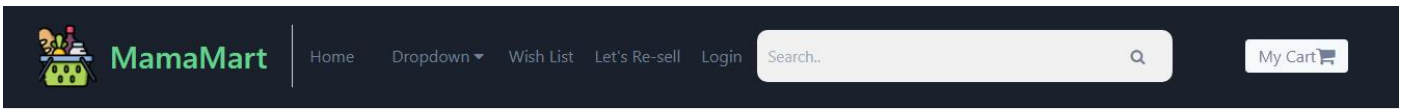
© 2022 MamaMart — @MMteve

Product Page



AMUL DESI GHEE

₹469

~~₹485~~

3% OFF

Variants

1 Litre

Order Now

Safe and Secure Payments. 100% Authentic products.

Highlights

Can be consumed directly or can be swapped for oil/butter

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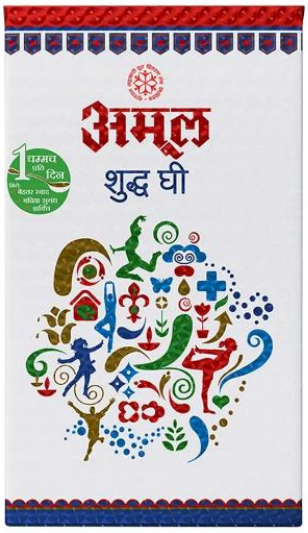
Manufacturer's details



Variants

1 Litre

Order Now

Safe and Secure Payments. 100% Authentic products.

Highlights

Can be consumed directly or can be swapped for oil/butter

Manufacturer's details

GCMMF Limited

Packer's Details

GCMMF Limited

Importer's Details

GCMMF Limited

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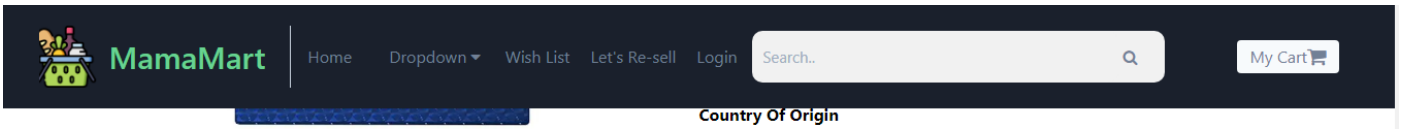
Country Of Origin



Country Of Origin

India

Delivery Option

Wide Assortment

Choose from 5000+ products across food, personal care, household & other categories.

Best Prices & Offers

Cheaper prices than your local supermarket, great cashback offers to top it off.

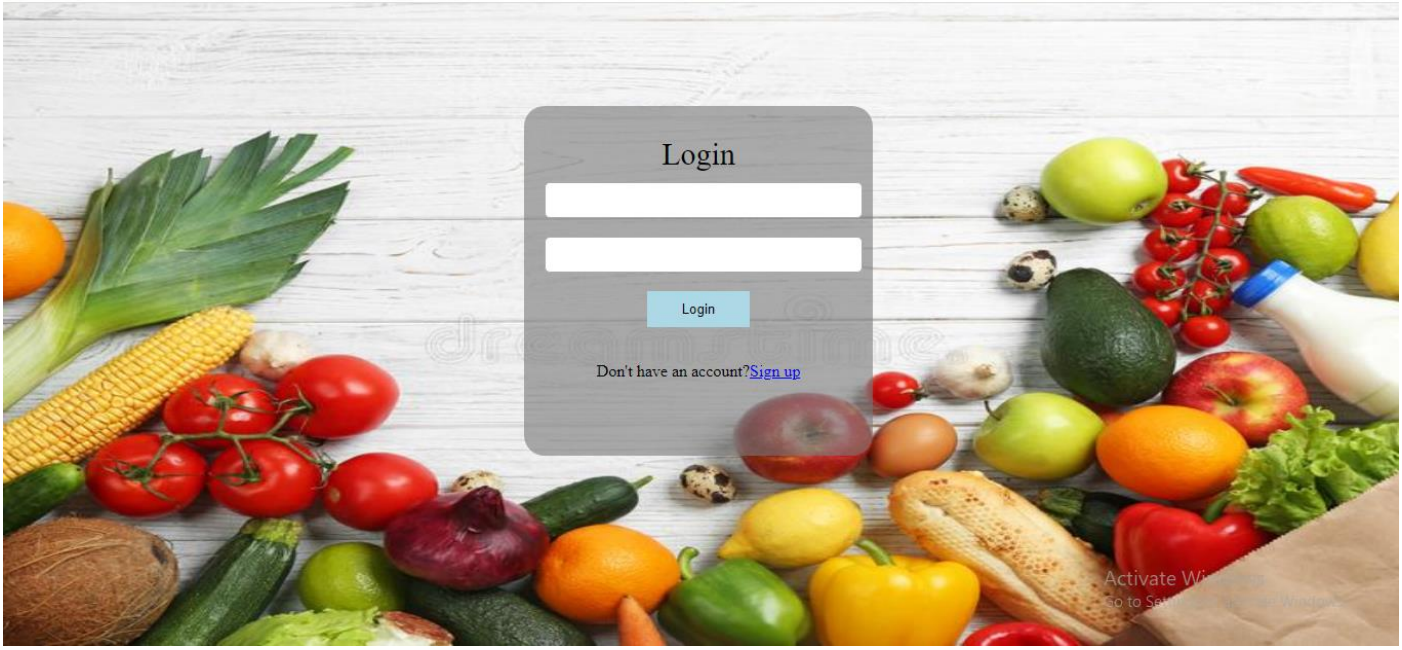
Case On Delivery

About The Product

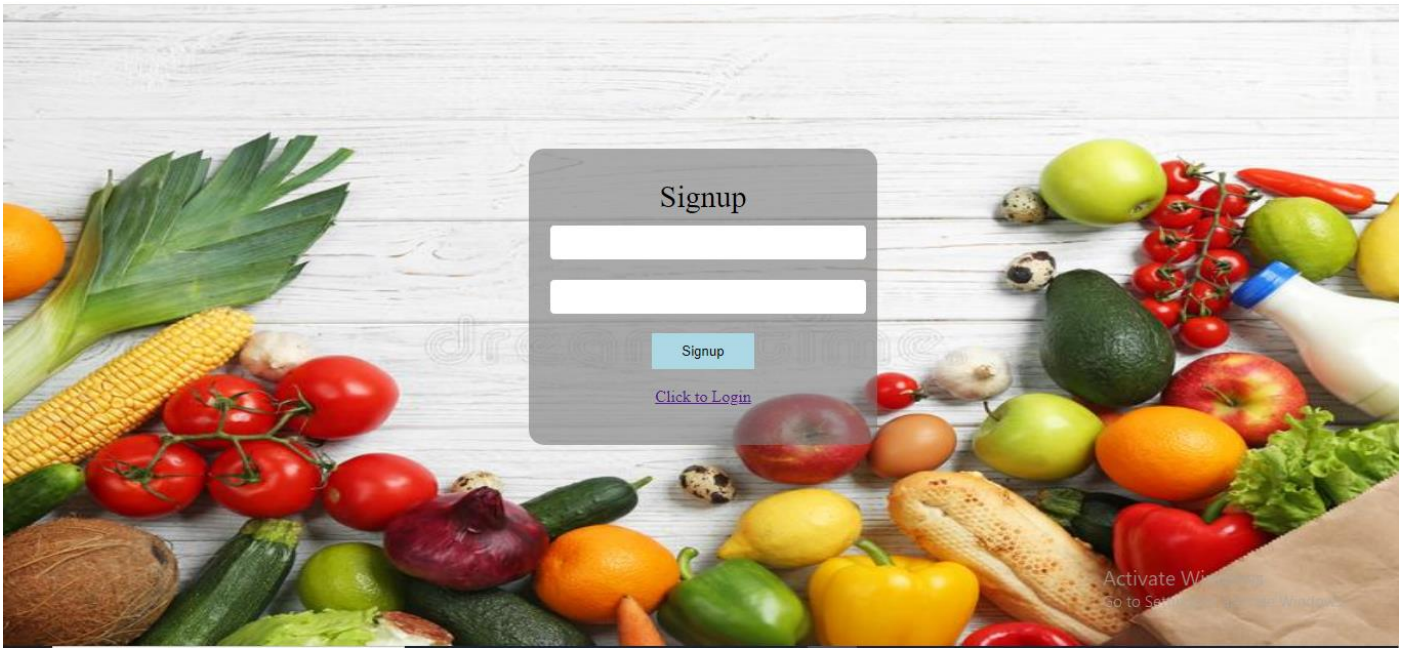
Ghee is a class of clarified butter that originated in ancient India. It is commonly used in Indian cooking. Amul Pure Ghee can be swapped for vegetable oil or coconut oil in baked goods or can be used for sautéing and deep-frying. Or simply melt it and spread it on roti, or pour it on vegetables/dal before serving. So go ahead and buy this product online today!

Activate Windows
Go to Settings to activate Windows.

Login Page



Singup Page



Shopping Cart

Shopping Cart Cart 0

Amul Desi Ghee

Some quick example text to build on the card.

~~₹519~~ ₹469

Add to Cart

Fortune SOYA Chunks

Some quick example text to build on the card.

~~₹519~~ ₹50

Add to Cart

India Gate Mini Morga Bas

Some quick example text to build on the card.

~~₹519~~ ₹225

Add to Cart

Aashirvaad Shudh Chakki W

Some quick example text to build on the card.

~~₹519~~ ₹355

Add to Cart

Activate Windows
Go to Settings to activate Windows.

Nescafe Gold Original Cof

Some quick example text to build on the card.

~~₹519~~ ₹280

Add to Cart

Haldirams Punjabi Tadka N

Some quick example text to build on the card.

~~₹519~~ ₹45

Add to Cart

Coca Cola Soft Drink

Some quick example text to build on the card.

~~₹519~~ ₹90

Add to Cart

Sunfeast Dark Fantasy Cho

Some quick example text to build on the card.

~~₹519~~ ₹30

Add to Cart

Activate Windows
Go to Settings to activate Windows.

Maggi 2-Minute Masala Ins

Some quick example text to build on the card.

~~₹519~~ ₹42

Add to Cart

Kellogs Corn Flakes With

Some quick example text to build on the card.

~~₹519~~ ₹260

Add to Cart

Pringles Potato Crisps So

Some quick example text to build on the card.

~~₹519~~ ₹99

Add to Cart

ACT II Microwave Popcorn

Some quick example text to build on the card.

~~₹519~~ ₹88

Add to Cart

Image1

Surf Excel Liquid Deterge

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹109

Add to Cart

Image1

Vim Bar Tub 500g+100g Fre

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹48

Add to Cart

Odonil Room Air Freshner

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹109

Add to Cart

Ezee Liquid Detergent(500

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹95

Add to Cart

Activate Windows
Go to Settings to activate Windows.

Sundrop Super Lite Advanc

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹1310

Add to Cart

Pantanjali Fortified Must

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹1015

Add to Cart

Nature Fresh SoyaBean Oil

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹915

Add to Cart

Fortune Rice Bran Oil

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹880

Add to Cart

Activate Windows

Everest Chole Masala(100g

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹60

Add to Cart

Everest Kutilal Red Chill

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹42

Add to Cart

Catch Coriander Powder

★★★★☆

Some quick example text to build on the card.

~~₹519~~ ₹115

Add to Cart

Catch Super Garam Masala

★★★★☆

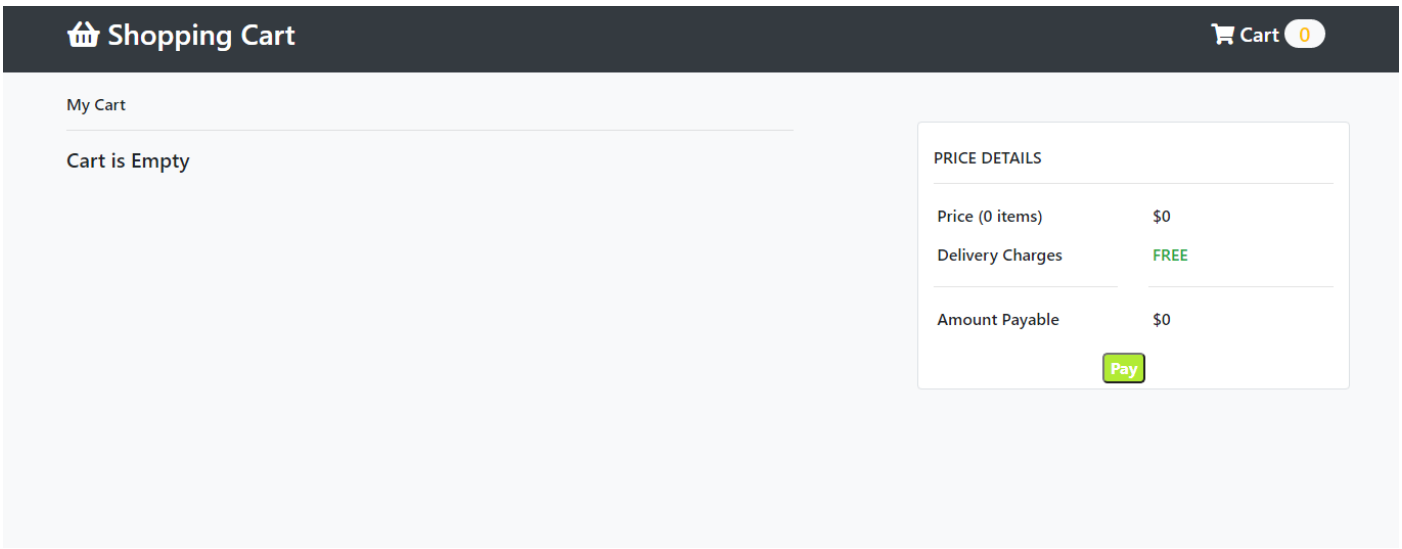
Some quick example text to build on the card.

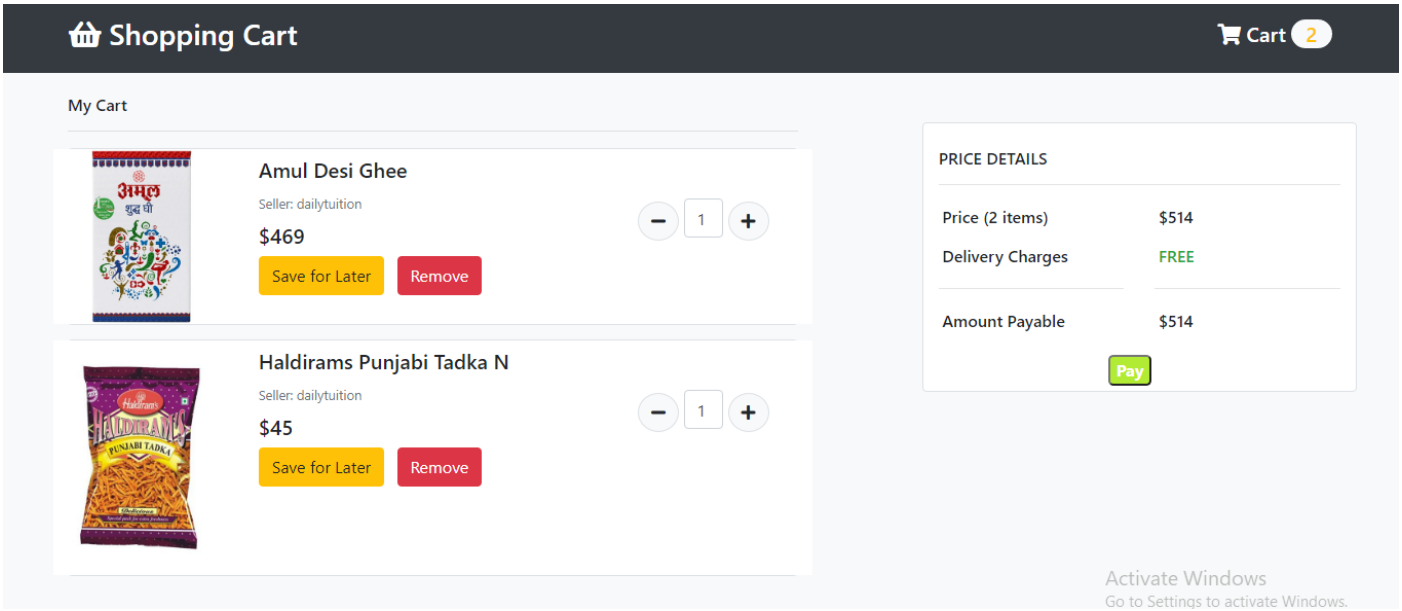
~~₹519~~ ₹65

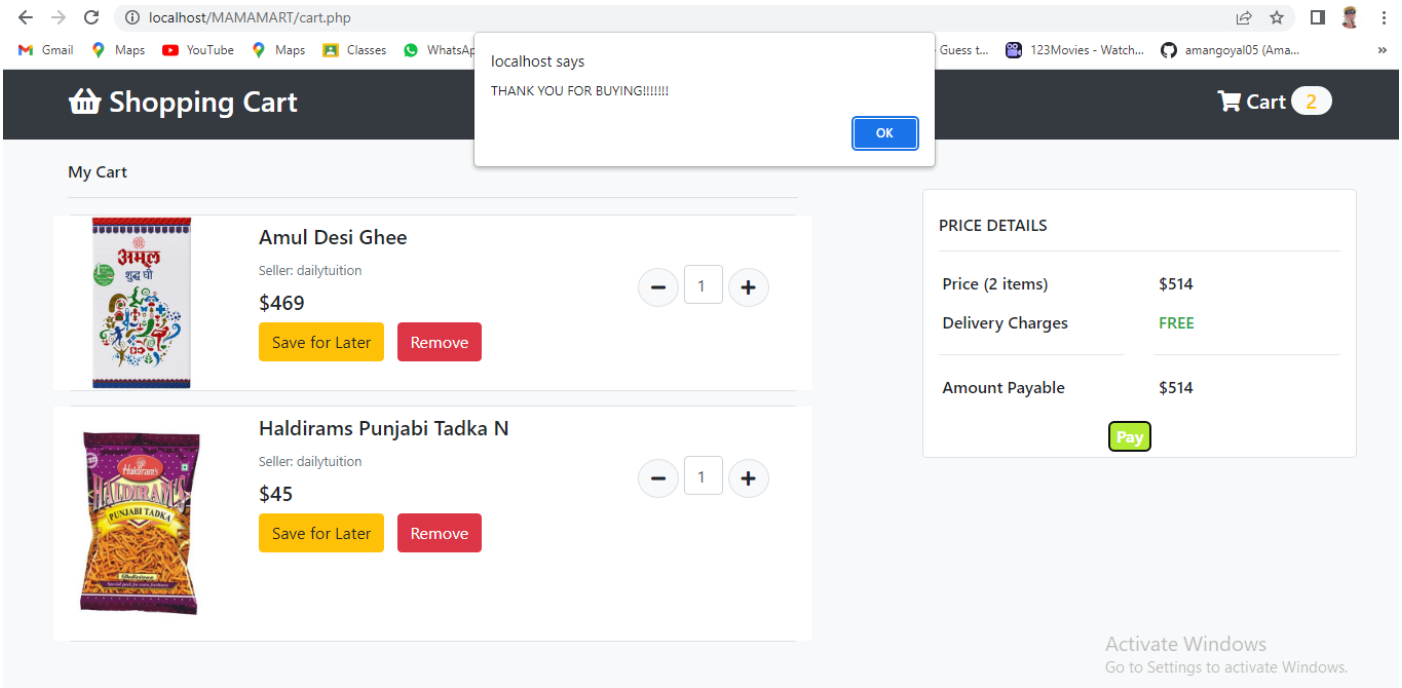
Add to Cart

Activate Windows
Go to Settings to activate Windows.

My Cart Page


Shopping Cart
Cart 0
My Cart
Cart is Empty
PRICE DETAILS
Price (0 items) $0
Delivery Charges FREE
Amount Payable $0
Pay


Shopping Cart
Cart 2
My Cart
Amul Desi Ghee
Seller: dailytuition
$469
Save for Later
Remove
1
Haldirams Punjabi Tadka N
Seller: dailytuition
$45
Save for Later
Remove
1
PRICE DETAILS
Price (2 items) $514
Delivery Charges FREE
Amount Payable $514
Pay
Activate Windows
Go to Settings to activate Windows.


localhost/MAMAMART/cart.php
localhost says
THANK YOU FOR BUYING!!!!!!!
OK
Shopping Cart
Cart 2
My Cart
Amul Desi Ghee
Seller: dailytuition
$469
Save for Later
Remove
1
Haldirams Punjabi Tadka N
Seller: dailytuition
$45
Save for Later
Remove
1
PRICE DETAILS
Price (2 items) $514
Delivery Charges FREE
Amount Payable $514
Pay
Activate Windows
Go to Settings to activate Windows.

TESTING

Login :

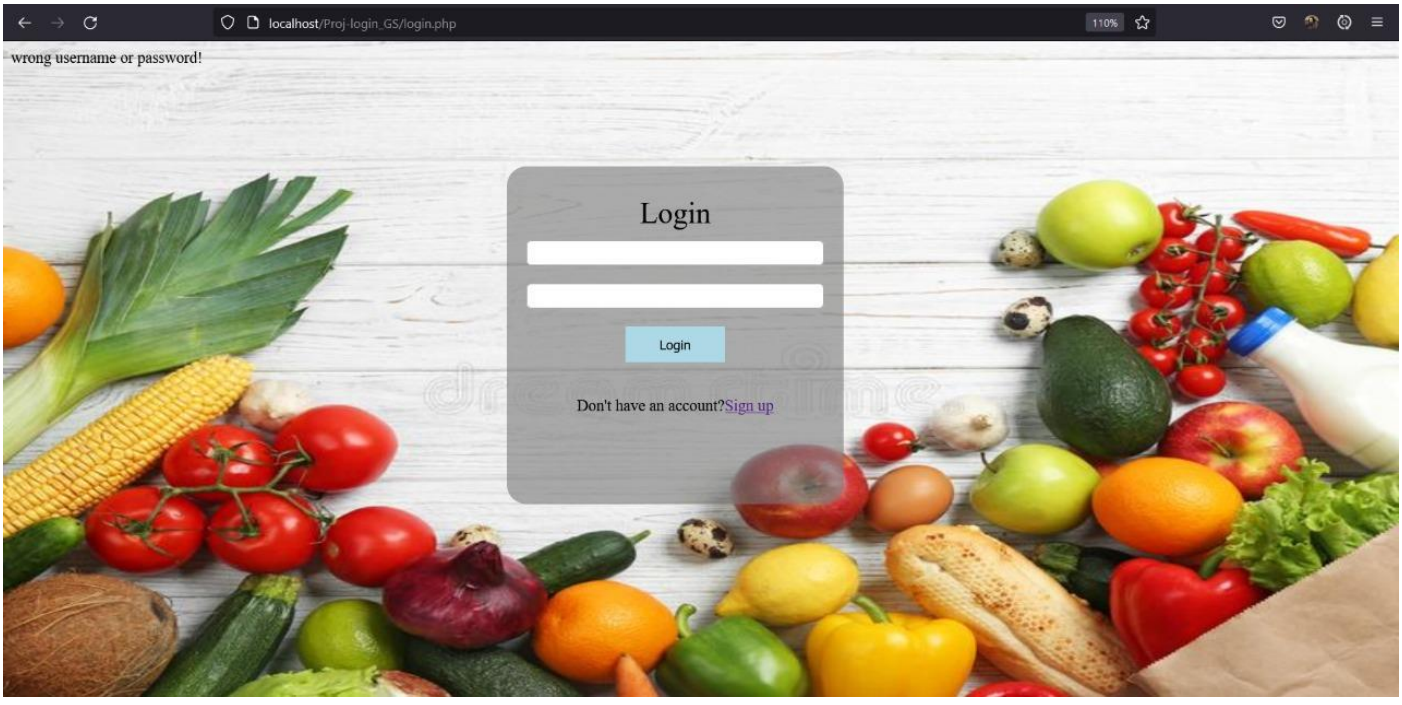
CHECK LOGIN FUNCTIONALITY

CHECK RESPONSE ON ENTERING INVALID USERNAME OR/AND PASSWORD

Table – 6: Test Case

TEST CASE ID	Description	Input	Expected Result	Actual Result	Pass/Fail
TC_01	Username or/and Password is/are wrong	Incorrect username or/and password	Wrong username or password! Don't have an account? Sign up	Wrong username or password! Don't have an account? Sign up	Pass

TC_01



CONCLUSION

- By implementing this website we are getting the more flexibility for the users
- Which can operate from the home itself by implementing the pay and pickup and pay now options

BIBLIOGRAPHY

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- https://www.google.com/
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- https://www.geeksforgeeks.org/
- https://app.diagrams.net/
- www.slideshare.net