

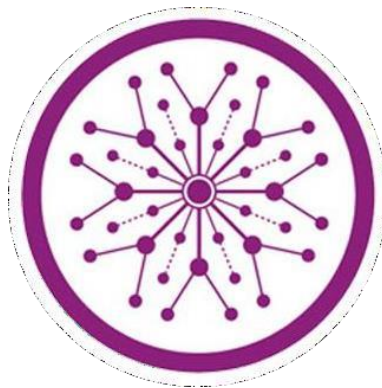
bare+Epitome

Final Year Project

Session 2018-2022

A project submitted in partial fulfillment of the degree of

BS in Computer Science



Department of Computer Science

Faculty of Computer Science & Information Technology

Superior University, Lahore

Spring 2022

Type (Nature of project)	[☒] Development [☐] Research [☐] R&D			
Area of specialization				
FYP ID	FYP-BCSM-F21-062			
Project Group Members				
Sr.#	Reg. #	Student Name	Email ID	*Signature
(i)	BCSM-F18-184	Farooq Ayub	BCSM-F18-184@superior.edu.pk	
(ii)	BCSM-F18-153	Mughees Haider	BCSM-F18-153@superior.edu.pk	
(iii)	BCSM-F18-178	Zeeshan Akram	BCSM-F18-178@superior.edu.pk	

*The candidates confirm that the work submitted is their own and appropriate credit has been given where reference has been made to work of others

Plagiarism Free Certificate

This is to certify that, I **Farooq S/D** of **Muhammad Ayub**, group leader of FYP under registration no **BCSM-F18-184** at Computer Science Department, The Superior University, Lahore. I declare that my FYP report is checked by my supervisor.

Name of Group Leader: **Farooq Ayub** Signature: _____

Name of Supervisor: **Sir Hasan Noor** Signature: _____

HoD: **Dr. Irfan Ud Din** Signature: _____

Project Report

bare+Epitome

Change Record

Author(s)	Version	Date	Notes	Supervisor's Signature
	1.0		<Original Draft>	
			<Changes Based on Feedback from Supervisor>	
			<Changes Based on Feedback From Faculty>	
			<Added Project Plan>	
			<Changes Based on Feedback from Supervisor>	

APPROVAL

PROJECT SUPERVISOR

Comments: _____

Name: _____

Date: _____

Signature: _____

PROJECT MANAGER

Comments: _____

Date: _____

Signature: _____

HEAD OF THE DEPARTMENT

Comments: _____

Date: _____

Signature: _____

Dedication

This work is dedicated to my company bare+Epetime.

Acknowledgements

I'd like to express my heartfelt gratitude to you. Sir, Hassan Noor, who also gave me the wonderful opportunity to do this wonderful project on the topic (bare+Epetome), which also helped me do a lot of research and learn a lot of new things. I am extremely grateful to them.

Executive Summary

bare+EPITOME is a line of 100 percent natural, organic, and Halal products designed to extract the goodness of nature and natural ingredients such as sea minerals, fruits, and plants. Because you're beautiful, each product contains the ideal blend to keep your body/skin healthy and fresh. Handcrafted from natural and organic materials sourced from around the world to create a product that enhances your natural beauty because we believe you are beautiful in every way.

Table Of Contents

bare+Epitome	1
Final Year Project Session 2018-2022	1
Plagiarism Free Certificate	iii
Dedication	6
Acknowledgements	6
Executive Summary	7
CHAPTER 1	10
Introduction	10
1.1. Motivations and Challenges	11
1.2. Goals and Objectives	11
1.3. Proposed Solution	11
1.4. Project Plan	12
CHAPTER 2	14
Software Requirement	14
1.1. Introduction	15
1.1.1. Purpose	15
1.1.3. Document Conventions	15
1.1.4. Product Scope	16
1.1.5. References	16
1.2. Overall Description	16
1.2.1. Product Perspective	16
1.2.2. User Classes and Characteristics	16
1.2.4. Operating Environment	16
1.2.6. Design and Implementation Constraints	17
1.2.8. User Documentation	17
1.2.10. Assumptions and Dependencies	17
1.3. External Interface Requirements	18
1.3.1. User Interfaces	18
Hardware Interfaces	18
1.3.2. Software Interfaces	18
1.4. System Features	18
1.4.1. System Feature 1	18
1.10. Other Nonfunctional Requirements	19
1.10.1. Performance Requirements	19
1.10.2. Safety Requirements	19
Security Requirements	19
1.10.8. Business Rules	20
1.11. Other Requirements	20
CHAPTER 3	21
Use Case Analysis	21
System Analysis:-	22
3.1. Use Case Model:-	22
3.2. Use Case Descriptions:-	23

CHAPTER 4 _____ 26

System Design _____ 26

- 4.1. Entity Relationship Diagram with data dictionary:- _____ 27
- 4.2. Class Diagram _____ 28
- 4.4. State Transition Diagram _____ 31
- 4.5. Component Diagram _____ 32
- 4.6. Deployment Diagram _____ 33
- 4.7. Data Flow diagram _____ 34

CHAPTER 5 _____ 35

Implementation _____ 35

- 5.1. Important Flow Control/Pseudo codes _____ 36
- 5.2. Tools and Techniques _____ 36
- 5.3. Best Practices / Coding Standards _____ 37
- 5.4. Version Control _____ 37

CHAPTER 6 _____ 38

Testing and Evaluation _____ 38

- 6.2. Use Case Testing _____ 39
- 6.1. Equivalence partitioning _____ 40
- 6.2. Data flow testing _____ 41
- 6.4. Integration testing _____ 42
- 6.5. Performance testing _____ 42

CHAPTER 7 _____ 43

Summary, Conclusion andFuture Enhancements _____ 43

- 7.1. Project Summary _____ 44
- 7.2. Achievements and Improvements _____ 44
- 7.3. Lessons Learnt _____ 44
- 7.4. Future Enhancements/Recommendations _____ 45

APPENDICES _____ 46

APPENDIX A: INFORMATION / PROMOTIONAL MATERIAL _____ 47

I _____ 47

Chapter 1

Introduction

Chapter 1: Introduction

We're working on a business project. bare+EPITOME is a natural, organic, and halal skincare cosmetics brand that produces a wide range of products such as skin whitening creams and cleaner, softer, and shinier hair creams.

1.1. Motivations and Challenges

Nowadays, not everyone has access to a laptop or a computer, and the website does not offer a user- friendly interface and a fully responsive view on all devices. We frequently encounter problems with browsing, DNS servers, and network connectivity. We also have issues with slow page load times, poor performance, and they were not designed or built with search engine optimization in mind (SEO).

1.2. Goals and Objectives

If we want to provide mobile-friendly content to a wide range of people, a website is probably the best way to go. However, if you want to better engage, interact, and communicate with your customers in order to retain them, a mobile app is a better option. If we can create an application for their website, it will be available to everyone because everyone nowadays owns a mobile device.

1.3. Proposed Solution

The selling process within this application will be much easier than on the website that has satisfied our customers. Our customers could see our new products on a daily basis. When a Customer purchases something from our store, we collect personal information such as your name, address, and email address as part of the buying and selling process.

When a customer browses our store, we also receive your computer's internet protocol (IP) address, which provides us with information that allows us to learn about your browser and operating system.

Email marketing (optional): We may send you emails about our store, new products, and other updates with your permission.

1.4. Project Plan

We collect personal information such as your name, address, and email address when you buy something from our store as part of the buying and selling process. We automatically receive your computer's

internet protocol (IP) address when you browse our store in order to provide us with information that helps us learn about your browser and operating system. When you provide us with personal information to complete a transaction, verify your credit card, place an order, arrange for delivery, or return a purchase, we imply that you consent to our collecting and using that information for that specific purpose only.

Shopify Inc. hosts our store. They provide the online e-commerce platform through which we can sell our products and services to you.

Your data is stored in Shopify's data storage, databases, and the Shopify application as a whole. They keep your information on a secure server behind a firewall.

Shopify stores your credit card information if you use a direct payment gateway to complete your purchase. The Payment Card Industry Data Security Standard is used to encrypt it (PCI-DSS). Your purchase transaction data is only retained for as long as it is required to complete your purchase transaction. After that, your purchase transaction information is erased.

All direct payment gateways adhere to the standards set by PCI-DSS as managed by the PCI Security Standards Council, which is a joint effort of brands like Visa, Mastercard, American Express and Discover. PCI-DSS requirements help ensure the secure handling of credit card information by our store and its providers of services. You should also read Shopify's Terms of Service for more information.

We recommend that you read the privacy policies of these providers so that you understand how these providers will handle your personal information. Remember that certain providers may be located in or have facilities in a different jurisdiction than either you or us. As a result, if you choose to proceed with a transaction involving the services of a third-party service provider, your information may become subject to the laws of the jurisdiction(s) in which that service provider or its facilities are located.. For example, if you are in Canada and your transaction is processed by a payment gateway in the United States, your personal information used to complete that transaction may be subject to disclosure under US legislation, such as the Patriot

Act. You are no longer subject to this Privacy Policy or our website's Terms of Service once you leave our store's website or are redirected to a third-party website or application.

By using this site, you represent that you are at least the legal age of majority in your state or province of residence, or that you are the legal age of majority in your state or province of residence and have given us permission to allow any of your minor dependents to use this site.

We reserve the right to change this privacy statement at any time, so please check it frequently.

Changes and clarifications will take effect as soon as they are posted on the website. If we make significant changes to this policy, we will notify you here so that you are aware of what information has been updated.

Chapter 2

Software Requirement Specifications

Chapter 2: Software Requirement Specifications

1.1. Introduction

1.1.1. Purpose

- 1.1.2.** It offers its customers a very convenient service by allowing them to save an item in their personal shopping bag and purchase it later. Shopping through the Application is only available to those who have a valid credit card, debit card, or internet bank account. Direct online sales expand your reach.

1.1.3. Document Conventions

intended readership and reading suggestions Bare+Epitome is our project. We are creating our project "Bare+Epitome" for everyone. This project can also be used in any Cosmetics Shop. We created it in SRS format. This SRS is primarily designed for the project management team. Our project team will include a project manager, a developer, a coder, a tester, and a documentation writer. Customer user This intention is the responsibility of the customer and the user. It is simply to ensure that the document meets their requirements. This SRS document is also required by the project manager. It is critical for the project manager to estimate the costs that will be incurred during the construction of this project. This is accomplished through SRS document implementation Readership target and reading recommendations Our project is called Bare+Epitome. We are making our project "Bare+Epitome" available to everyone. This project is also applicable in any Cosmetics Store. We designed it in SRS format. This SRS is intended primarily for the project management team. A project manager, a developer, a coder, a tester, and a documentation writer will be on our team. The customer user This intention is the customer's and user's responsibility. Its sole purpose is to ensure that the document meets their specifications. The project manager will also require this SRS document. The project manager must estimate the costs that will be incurred during the project's construction. This is accomplished through the use of SRS documents. It is mandatory that document standards will meet users' standards.

1.1.4. Product Scope

The Software requirements specification captures all requirements in a single document. The upcoming project will provide all Cosmetics information and facilities to bare+Epitome members and employees. The following statements will be defended by bare+Epitome: Members hand over the product with online

blocking of facility books, and Bare+Epitome runs all day. The system will provide users with the ability to login. Users have the ability to check their accounts and change their passwords and other content. We also have a department where admin can add or remove products from the App. This feature that is classified in this document will be used in the future of the software development circle.

1.1.5. References

<https://www.Bare+Epetome.com>

1.2. Overall Description

1.2.1. Product Perspective

This system was created to pique the interest of members. As a result, the system established a Cosmetics catalogue and all types of information, assisting members in selecting the Product to be hired from the System. The system Shopkeeper should keep the Product catalogue updated all the time so that all system members can access the restore information at all times.

Product Functions

The online system gives us quick information about the Cosmetics Product. It is quick to search and returns immediate results about the Product. System objects are also included in system functions that provide various types of services organised based on the type of users. Members will apply with the most recent Product stack information..

1.2.2. User Classes and Characteristics

1.2.3. The system's users are the administrators who manage them all. All members have little knowledge of computers and internet browsing, so they can use their seats properly. He has no trouble using our app.

1.2.4. Operating Environment

1.2.5. Software prerequisites Database: MySQL React Native system Windows 10

Hardware requirements include 512 RAM and a Dell 5/40GB hard disc. Constraints in Design and Implementation All user information should be saved in a database so that the online Cosmetics system can be accessed easily.

1.2.6. Design and Implementation Constraints

1.2.7. All user information should be saved in the database so that Bare+Epitome can easily access it. The shopkeeper's or any other general person's information security system should be compatible with the internet application. The user or any other authorized person can access data online through our application, which has good browsing capabilities and a fast internet connection to an online data server. Users must have the correct password and username information to login to the online Bare+Epitome system.

1.2.8. User Documentation

1.2.9. provided. An online help system will assist users with all applications. The entire system's nature will be distinct from application development. The installation document contains all of the installation instructions and guidelines because it provides a complete solution. As a standard component, a "Read me" file is also included. A The online help should be available for each feature available with the online Bare+Epitome system, and this file should include the "what's new with this release" section. The majority of users will define any bugs and errors in this file of documentation. As the installation of the Bare+Epitome system becomes more complex, no user will be provided with installation instructions. This installation will be completed by our brilliant expert employee.

1.2.10. Assumptions and Dependencies

Applicable users have a greater understanding of computers. The computer or other device must be connected to the internet and have server capabilities. If the system's interface is in English, the user must be fluent in the language.

1.3. External Interface Requirements

1.3.1. User Interfaces

Interfaces for Users The design and layout of each form will be very good, clear, and appealing to all users so that they do not distract. When the user launches this software, a welcome window will appear immediately. In the login window, users can easily enter their passwords and usernames. When the login is complete, a message will appear. There must be a relative link in all windows for other windows so that users can easily navigate to other windows. Every window will have a help option for the user, and Mac should have a support option window for ease of use. There must be a comprehensive collection of graphical user interfaces that provide a pleasing look and feel.. The graphic and font family sizes will be in a good and well-organized manner, and the background colour in the screen layout should be very light. When users type an error statement by accident, error messages will be displayed properly. An alert and confirmation message will be displayed when messages are displayed in each window. A Mac user can search and find data from a record by using a guideline that is in the window. When a user enters the system, a menu window will appear, containing all of the software's table contents, and the user can use this window to obtain any desired window and Mac. Users and other authenticated individuals can easily save data in the database and control the path of records of user purchases and other vendors.

Hardware Interfaces

Interfaces with Hardware Existing local area network LAN networks will be used to collect data from users and update the Bare+Epitome system catalogue.

1.3.2. Software Interfaces

Software Interfaces Unauthorized person is present everywhere so to prevent this type of user in the system we use a firewall.

1.4. System Features

1.4.1. System Feature 1

1.4.1.1. Description and Priority

- 1.5. 1.4.1.2. This form was used by users and other authenticated people to login to the system by entering their passwords and good usernames. As we all know, priorities are

important, so the user's priorities should always be communicated through his 1.4.1.3. Functional Requirements.

1.6. Functional Requirement of the Customer

1.7. FR-001 Product Search

1.8. FR-020 Product can be viewed

1.9. Can Purchase Product FR-003

1.10. Other Nonfunctional Requirements

1.10.1. Performance Requirements

1. When information from the system is updated at regular intervals. The system should update that information for all users within two seconds.
2. The system should provide more time when performing large processing tasks.
3. Its performance should be quick and responsive to tasks within 5 seconds of being clicked.
4. The system should be able to handle more load, which means it should not crash if thousands of users log in at the same time. It should be organised and classified, such as documents and files. Prerequisites for safety The system must be secure in order for all software functions to function properly.

1.10.2. Safety Requirements

The system must be secure in order for the software to function properly.

1. System coding should be done sequentially, which is essential for system safety.
2. The system should not perform irrelevant tasks, for example.
3. The system should be less time consuming and less expensive.

Security Requirements

1.10.3. Security is critical to the system's functionality.

1.10.4. 1. The system should provide security to both the customer and the administrator.

1.10.5. 2. If the user enters his id and password, ensure that all of his data is secure.

1.10.6. 3. Users should not be permitted to view personal information about other users via this system.

1.10.7. 4. The system should not be attacked by another source, and no one should be allowed to steal sensitive system information.

1.10.8. Business Rules

The main business rule for software development is to accept development work widely. The analysis of requirement specifications is critical in software development. The analysis and expression phase of the system development process is critical for him. Every field is divided into several types. SLDC and requirement specification are also classifications for software development. Concentrate on accesscontrol and company policy.

1.11. Other Requirements

Performance requirements

1. Whenever information from the system is updated at regular intervals. The system should update that information every two seconds for all users.
 2. The system should give more time when performing large processing tasks.
 3. Its performance should be quick, with tasks responding within 5 seconds of being clicked.
 4. The system should be able to handle more load, which means it should not hang if thousands of users log in at the same time. It should be organised and classified, for example, as documents or files.
- Safety requirements The system must be secure in order for the software to perform all of its functions.

Chapter 3

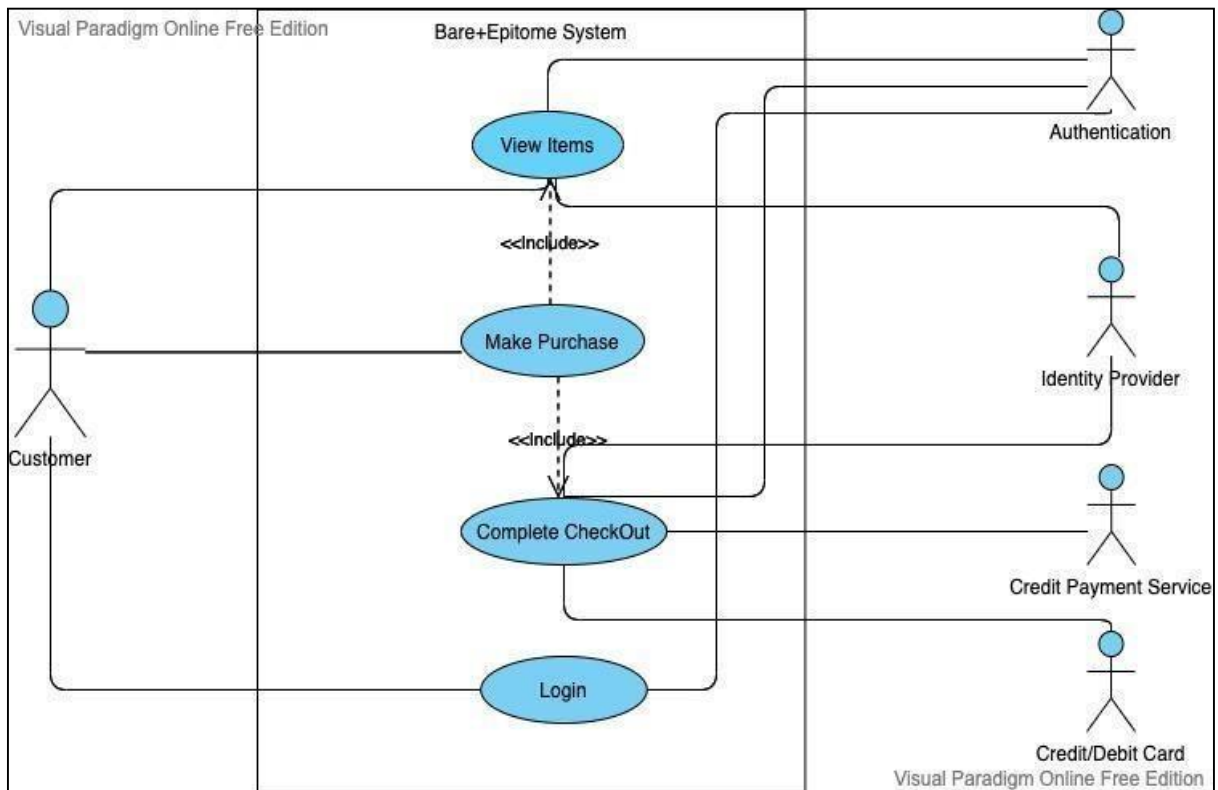
Use Case Analysis

System Analysis:-

bare+Epitome is a type of electronic/online commerce that allows consumers to buy goods or services directly from a seller over the internet using a Web Browser and Mobile app.

3.1. Use Case Model:-

The Use Case Model of **Bare + Epitome** is given below:-



3.2. Use Case Descriptions:-

The Use Case Description is describe in following points:-

- First of all the user can login if they have an account otherwise signup.
- Then View all items and choose the favorite item/product.
- Then he add to cart and set payment method.

Number	1	
Name	View items	
Summary	In this case, user can walk through the products and check the potential items for purchase	
Priority	High	
Pre-conditions	Customer has to login and has active internet connection	
Post conditions	Maintain stable internet connection	
Primary Actor(s)	Customer	
Secondary Actor(s)	Supplier	
Triggers	Customer logged in	
Main Scenario	Step	Action
	1.	User can walk through the items
	2.	User can click on the item to see the related details like price and supplier etc
	3	User can setup his/her profile
Open Issues	1	What if the customer has totally no idea how to use the interactive table?

Name	Login
Summary	In this case, user enter his/her credentials to login in to the app
Priority	High
Pre conditions	Customer has to enter phone number or email and password
Post conditions	Id and password is correct
Primary Actor(s)	Customer
Secondary Actor(s)	supplier

Number	3	
Name	Make Purchase	
Summary	In this case, user can add the items in the cart he wants to buy	
Priority	High	
Pre conditions	Customer is login and has active internet connection	
Post conditions	Maintain stable internet connection	
Primary Actor(s)	Customer	
Secondary Actor(s)	None	
Triggers	User click on add to cart button	
Main Scenario	Step	Action
	1.	User can walk through the items
	2.	User can click on the item to see the related details like price and supplier etc
	3	User can add the items to the cart
Open Issues	1	What if the customer has totally no idea how to use the interactive table?

Number	4	
Name	Complete checkout	
Summary	In this case, user can review the orders	
Priority	High	
Pre conditions	Customer has already place the order	
Post conditions	Customer has to pay the cash	
Primary Actor(s)	Customer	
Secondary Actor(s)	Admin	
Triggers	Customer click on the review order button	
Main Scenario	Step	Action
	1.	User can walk through the items
	2.	User can check the bill
	3	User can edit the order
Open Issues	1	What if the customer has totally no idea how to use the interactive table? Customer select cancel on an order that is nearly done.

Chapter 4

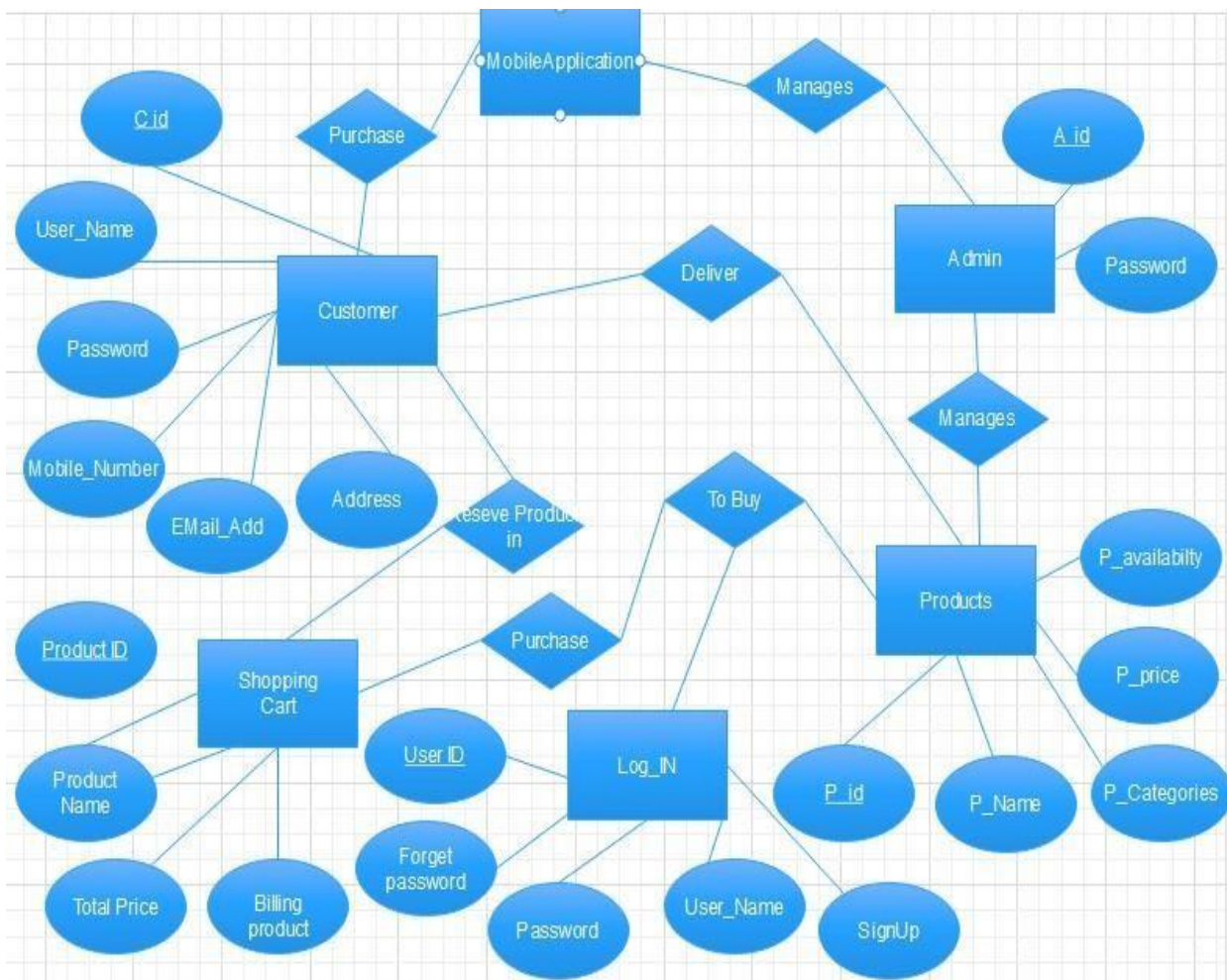
System Design

Chapter 4: System Design

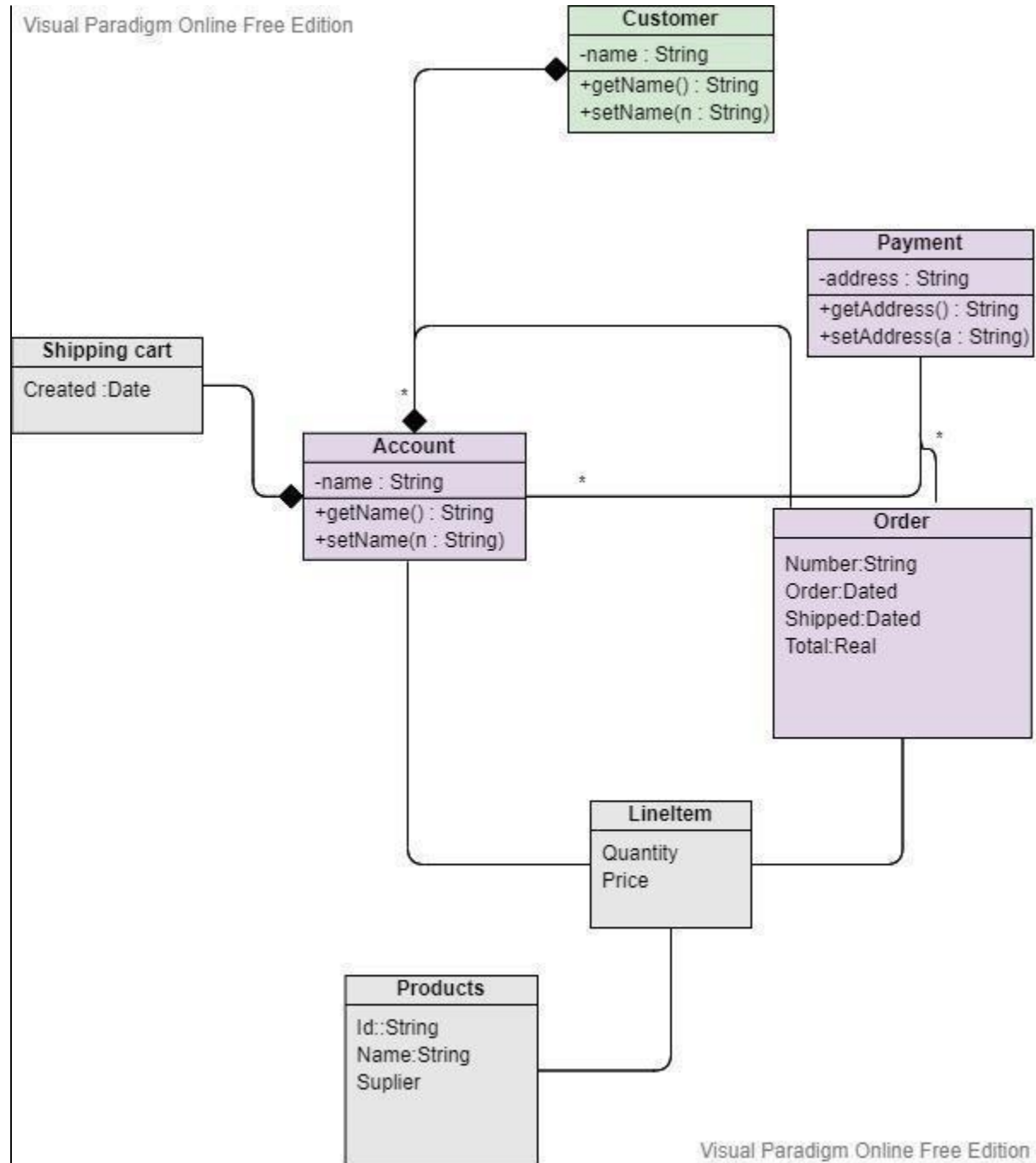
Online shopping is a type of electronic commerce in which consumers buy goods or services directly from a seller over the Internet using a web browser or a mobile app.

4.1. Entity Relationship Diagram with data dictionary:-

The ERD of **Bare+Epitome** is given below:-

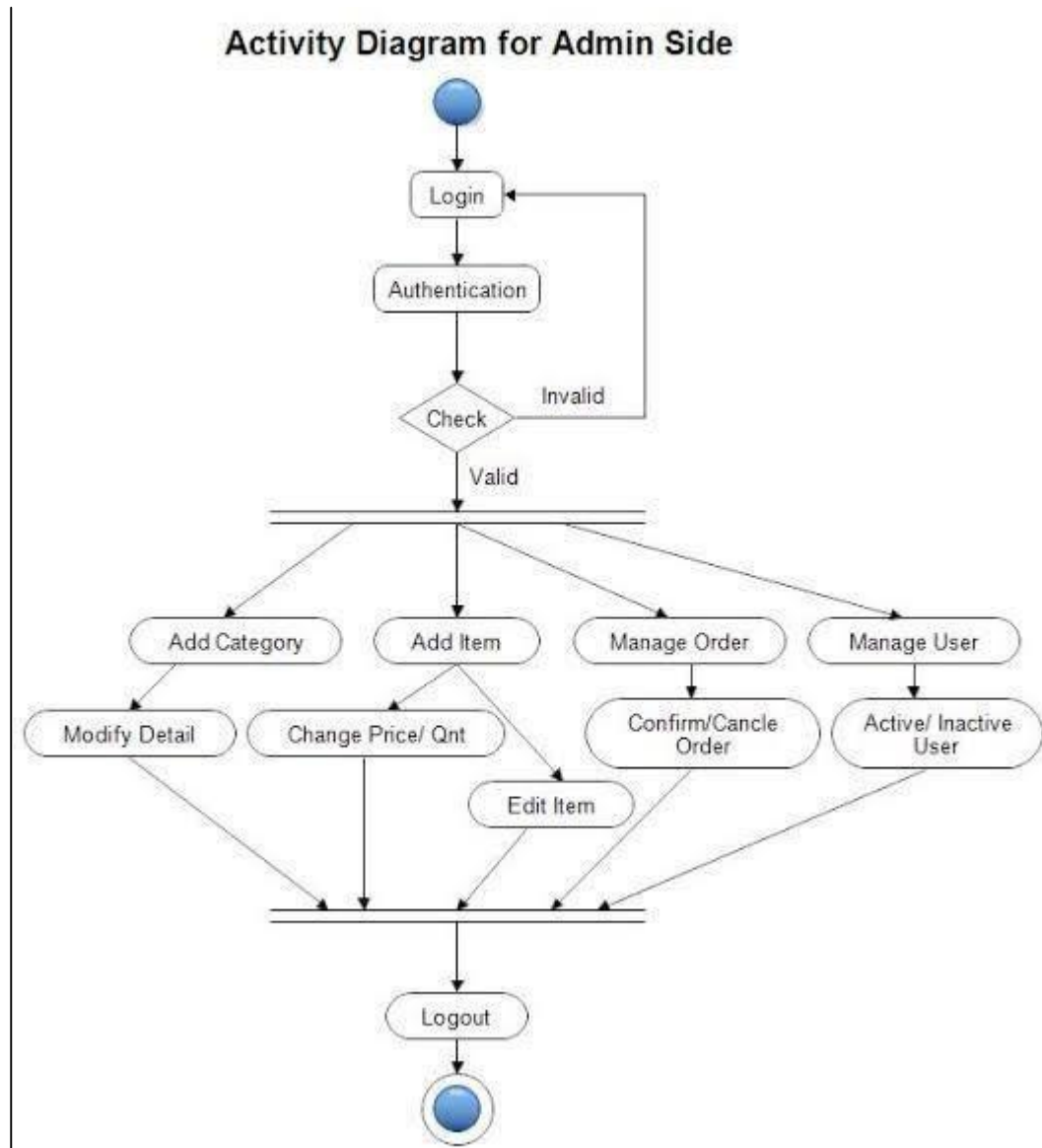


4.2. Class Diagram

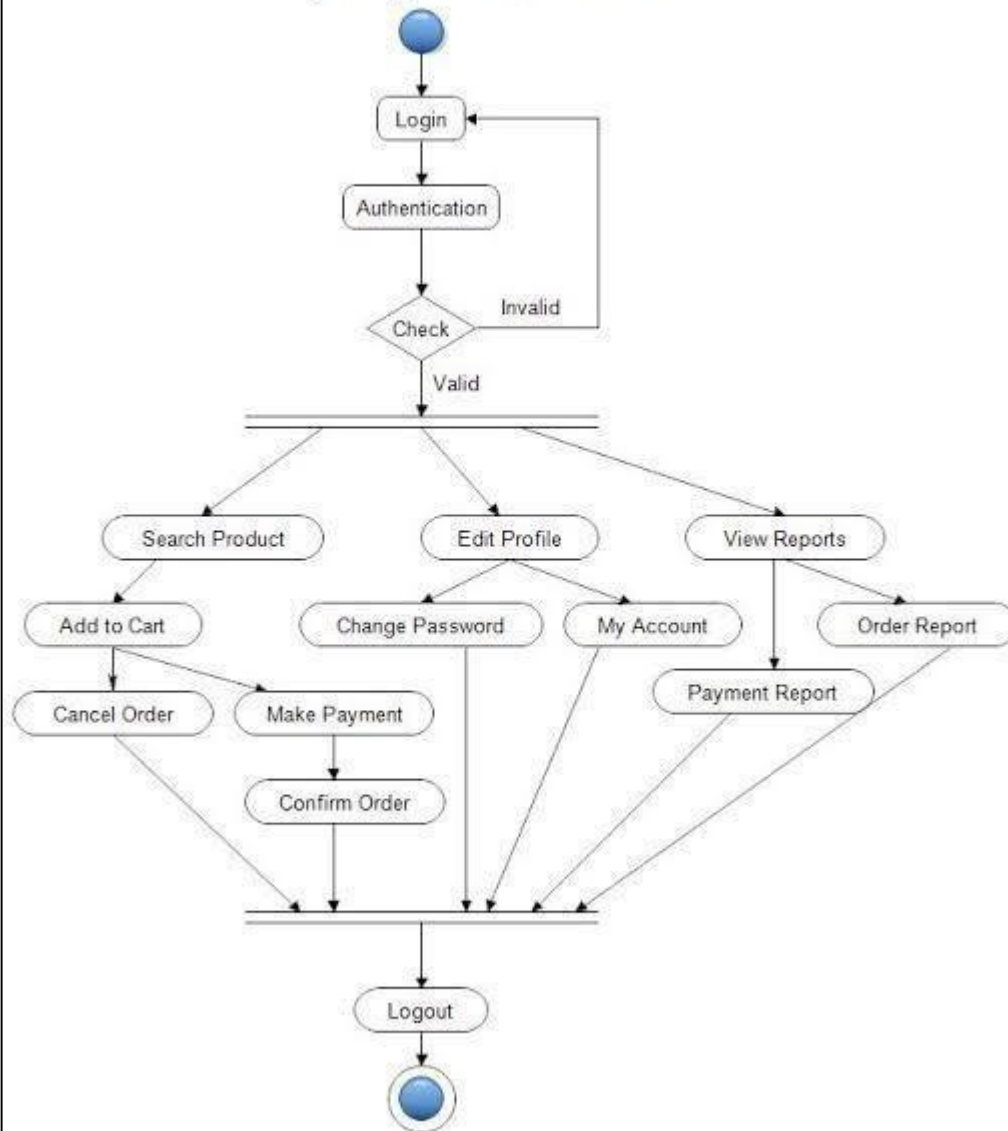


4.3. Activity Diagram

The **Activity Diagram** of Bare+Epitome is below:-

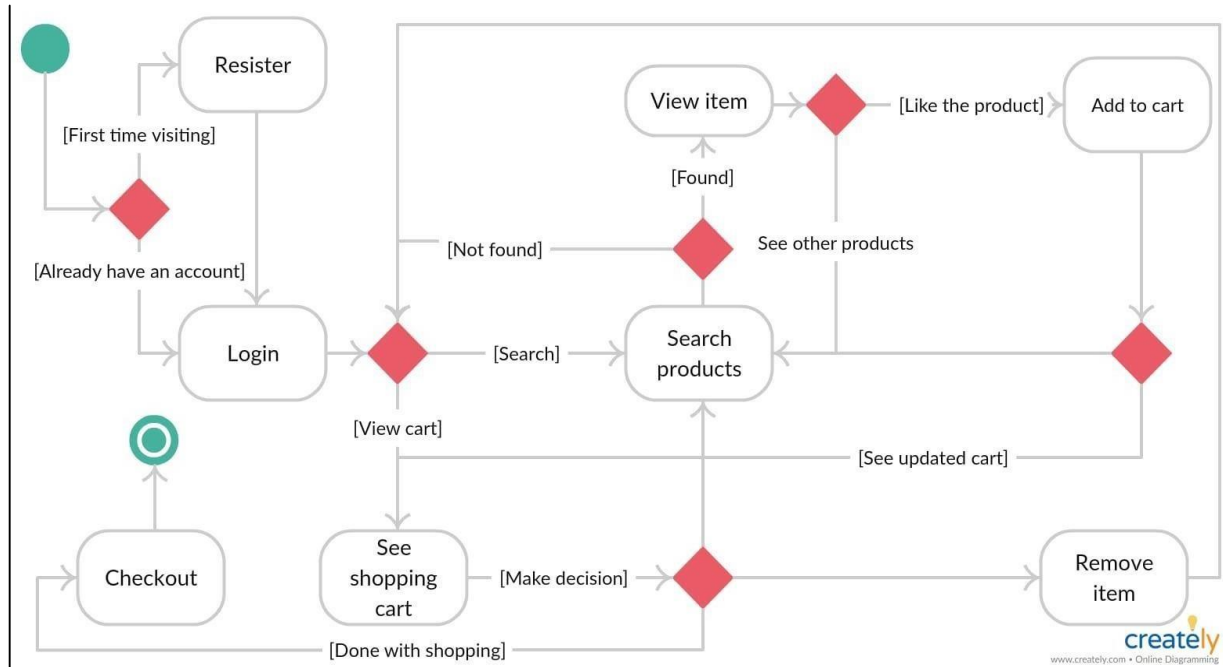


Activity Diagram for User Side



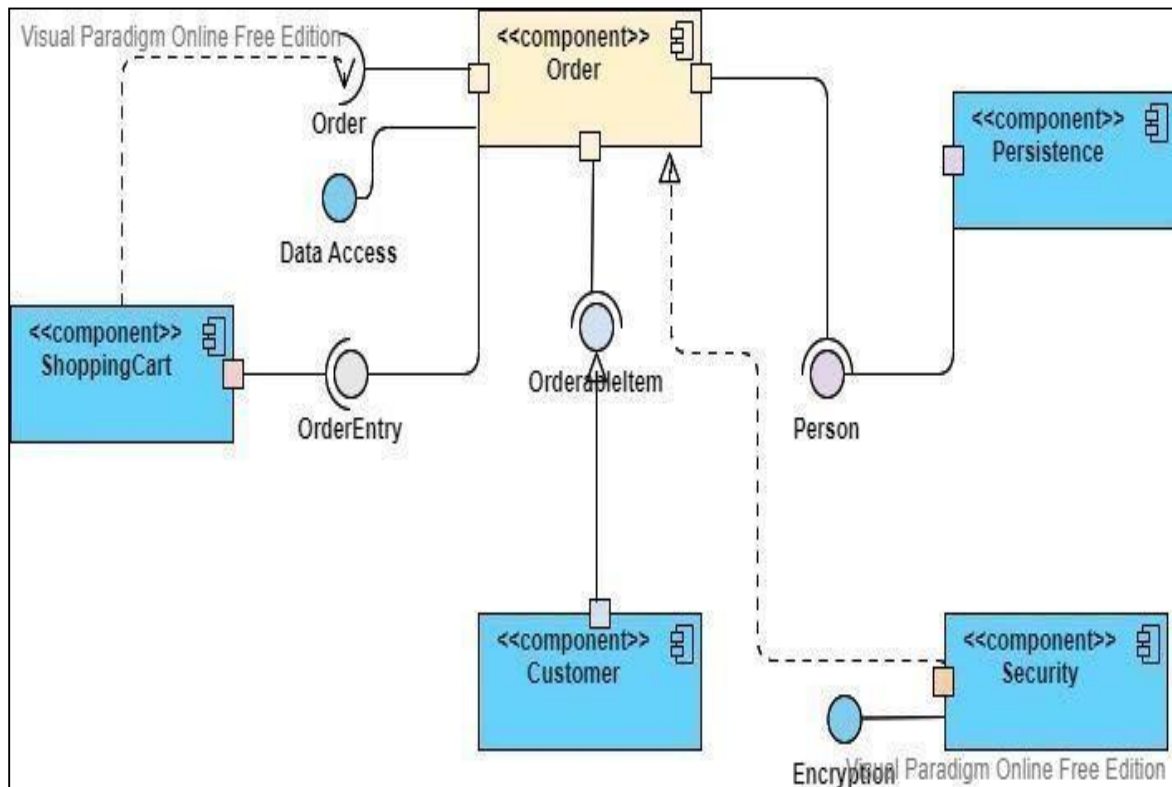
4.4. State Transition Diagram

The **State Transition Diagram** of Bare+Epitome is below:-



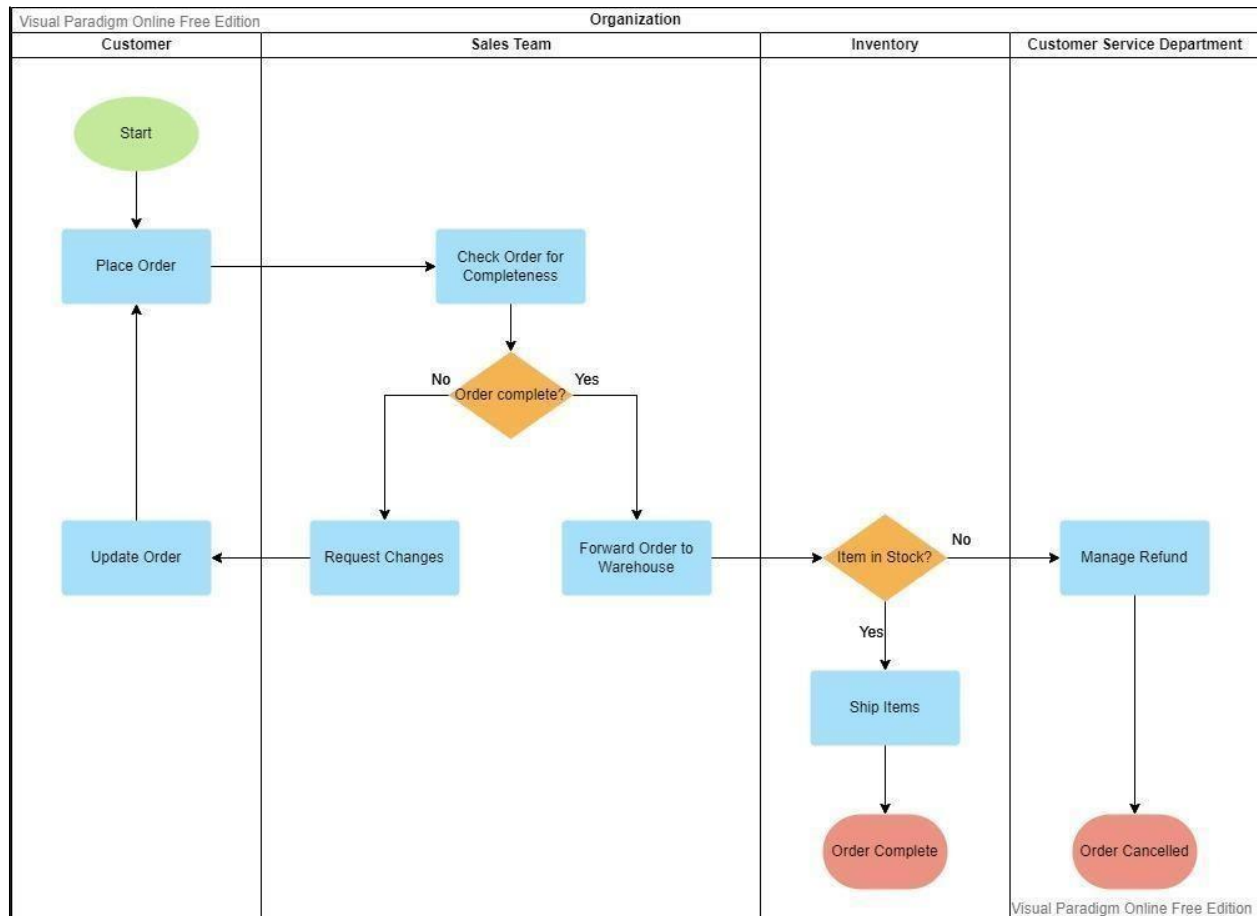
4.5. Component Diagram

The **Component Diagram** of Bare+Epitome is below:-



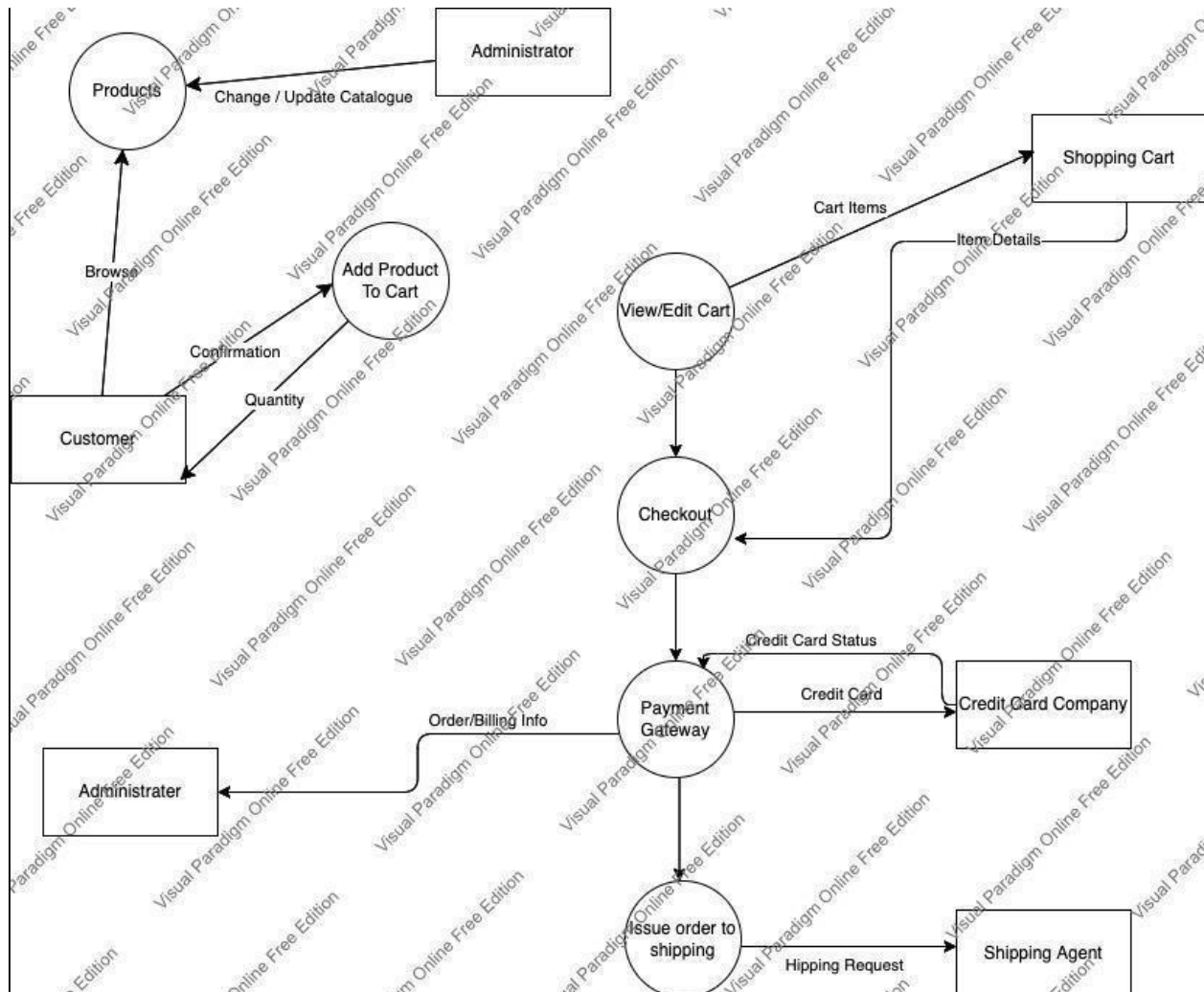
4.6. Deployment Diagram

The **Deployment Diagram** of Bare+Epitome is below:-



4.7. Data Flow diagram

The Data Flow Diagram of Bare+Epitome is below:-



Chapter 5

Implementation

Chapter 5: Implementation

E-commerce is quickly becoming a recognised and widely used business paradigm. More and more companies are implementing websites with functionality for conducting commercial transactions via websites and applications. The goal of this project is to create a general purpose e-commerce store where products such as creams can be purchased from the comfort of one's own home via the Internet. However, for the purposes of implementation, this paper will focus on online cream shopping. A virtual store on the Internet where customers can browse the catalogue and select products of interest is known as an online store. The chosen items can be placed in a shopping cart. The items in the shopping cart will be presented as an order during the checkout process.. More information will be required at that time to complete the transaction. The customer is usually asked to fill out or select a billing address, a shipping address, a shipping option, and payment information such as a credit card number. As soon as the order is placed, the customer receives an e-mail notification.

5.1. Important Flow Control/Pseudo codes

```
fetch('Your URL to fetch data from', {  
  method: 'POST',  
  headers: {  
    Accept: 'application/json',  
    'Content-Type': 'application/json',  
  },  
  body: JSON.stringify({  
    firstParam: 'yourValue',  
    secondParam: 'yourOtherValue',  
  }),  
});
```

5.2. Tools and Techniques

Android: This project has been developed over the Android
Platform.Java: All the coding has been written with java.

Api: This is an api based system and we develop api with native api.

MYSQL: MYSQL database has been used as a database for the project an api server

Visual Studio: We have used visual studio for developing the project

5.3. Best Practices / Coding Standards

In this project we are using react native language with java, css and using mysql for database.

5.4. Version Control

We are working on React native version 0.66.

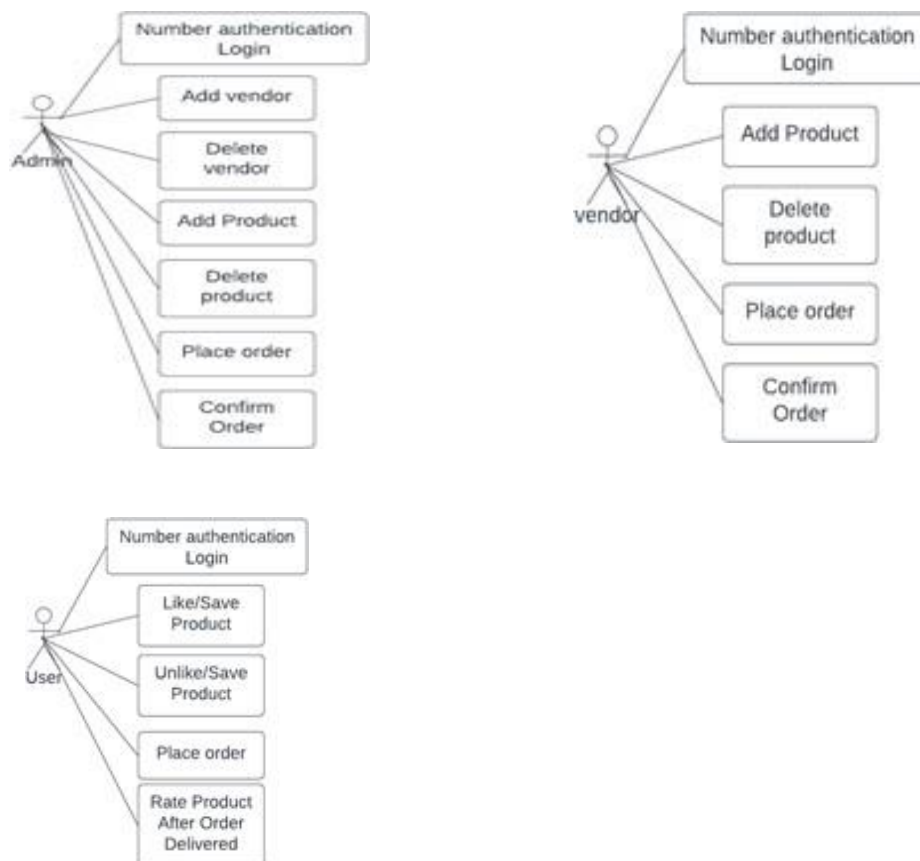
Chapter 6

Testing and Evaluation

Chapter 6: Testing and Evaluation

6.1. Our app is currently in the testing and evaluation phase. We examine the app's workflow, look for errors and bugs, and remove them. Test the app by presenting various scenarios and observing how the app responds. Check the application through various testing phases, such as integration, to ensure that the user interface and database are properly connected. Examine all possible scenarios for the application to ensure that no errors occur. Examine the app to ensure that it works properly in all situations.

6.2. Use Case Testing



4.

6.1. Equivalence partitioning

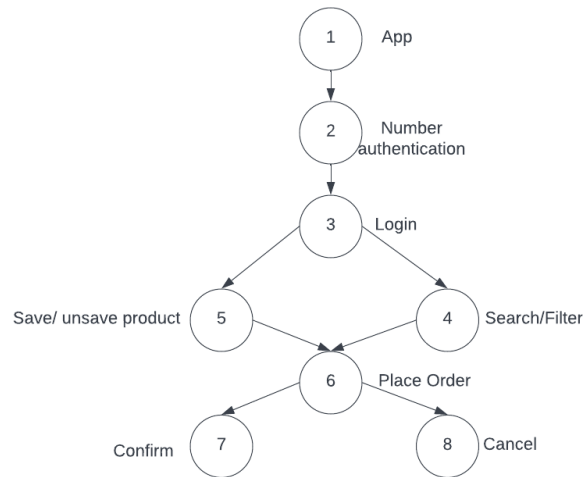
Enter OTP

*Must include six digits

Equivalence Partitioning			
INVALID	INVALID	INVALID	VALID
Digits>=7	Digits<=5	Digits=6(not same)	Digits=6
8787872	4328	989987	586534

To log in to the application, an OTP is generated; there are different cases of valid and invalid OTP. An OTP number with more than six digits, or even less than six digits, will be rejected, and the application will redirect the customer or user to an error page. If the user enters a password that is less than or greater than six characters, the equivalence partitioning method will display an invalid OTP. If the password is exactly six characters long, the equivalence partitioning method will return a valid OTP.

6.2. Data flow testing



No:	Defined at Node	Used at Node
Authentication	1	2
Login	2	3
Save/Unsave, Search/Filter	3	4,5
Place Order	4,5	6
Confirm/Cancel	6	7,8

6.3. Unit testing

Name	Details	Result
start	Sometimes app crash or only show black screen	Pass
OTP	Firebase authentication verify	Pass
Fetch Data	Sometimes not loading all products	Pass/fail
Product save	Like button failing sometimes	Pass/fail

6.4. Integration testing

Check the application integration to ensure that the frontend and backend are perfectly connected, as well as the firebase connectivity and user authentication to determine whether the user is valid or not. The application's database and frontend are flawless.

6.5. Performance testing

Maximum response time: less than 6 sec.

Average response time:

less than 4 sec

Constraints	Response Time
Application Startup	Less than 5 sec
Data Fetching	Less than 2sec
Application Sate Update	Less than 1sec
Transition in Application	0.5sec
Redirecting between inner pages of app	Less than 3sec

Chapter 7

Summary, Conclusion and Future Enhancements

Chapter 7: Summary, Conclusion & Future Enhancements

7.1. Project Summary

The bare+Epetome application provides a platform for entrepreneurs to take their businesses online. They can add their products and details to our app, and our customers can simply order the product online using our app. Not only can the consumer order products for daily use, but he can also order products for months of use. If the consumer is a shopkeeper, he can order the products based on his needs, and if the consumer is just a person with a household, he can order it based on his one-day needs. This application offers various opportunities for business owners to increase their profits by taking their operations online.

7.2. Achievements and Improvements

We fix bugs and errors and improve the flow of the application so that user satisfaction increases and he can easily use the app and order from it. The style and theme of the application which is improved and make it look cooler and more attractive. The application is now running perfectly we make it more user-friendly by adding searching and filter of the product so if a user only wants to see a selective category then he can select it like vegetables then the user only sees the products which category is vegetables. The vendor order details confirm order can help him to track the amount that how many orders are delivered and his profit from it.

7.3. Lessons Learnt

This project make us learn many new things that how we can manage things and which things should not be compromised when we build a project. How to tackle different problems finds bugs and errors make it according to the user and check all the possibilities which a human being can do to this application. We have learned the complexity of a system with respect to new trends in the market

7.4. Future Enhancements/Recommendations

In the future, we implement more features in this app like map integration so that the order and rider can track by the user how time will require to reach him. All details of vendors where any vendor can contact another vendor for business and they can easily buy or sell their products to users or other vendors. According to the user experience, we add more features. Easy paisa and jazz cash option for payment.

Appendices

Appendix A: Information / Promotional Material

For promotions of our system, we can use different mediums like using social media marketing digital marketing on platforms like: YouTube, Facebook and Instagram. Other than these other marketing tactics will also be implemented that can promote our application.

C.1. Logo

bare + **EPITOME**

|

Reference and Bibliography

[WWW.https://bareepitome.com/](https://bareepitome.com/)

<https://dl.acm.org/doi/abs/10.4018/IJEIS.2019070105>

<https://en.wikipedia.org/wiki/API>

<https://www.w3.org/TR/reporting/>

<https://arxiv.org/abs/2006.10481>

Bare+Epitome

ORIGINALITY REPORT

9%

SIMILARITY INDEX

8%

INTERNET SOURCES

0%

PUBLICATIONS

8%

STUDENT PAPERS

PRIMARY SOURCES

1

Submitted to Higher Education Commission
Pakistan

Student Paper

4%

2

www.coursehero.com

Internet Source

4%

3

Submitted to American Public University
System

Student Paper

<1%

4

Submitted to Monash University

Student Paper

<1%

5

Submitted to University of Strathclyde

Student Paper

<1%

6

pt.scribd.com

Internet Source

<1%

7

Submitted to University of Technology,
Sydney

Student Paper

<1%

8

Submitted to colorado-technical-university

Student Paper

<1%