CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Smt.Chandaben Mohanbhai Patel Institute of Computer Applications

Project Topic

On
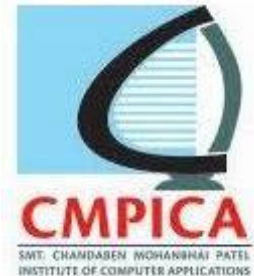
I – product Selling website

BCA – III

Semester – VI

CA323 Minor Project

Submitted By :-

Guided By :-

Dr. Ankit Faldu

CMPICA
SMT. CHANDABEN MOHANBHAI PATEL
INSTITUTE OF COMPUTER APPLICATIONS

By :-
20BCA006 UTSAV SHAH
20BCA040 SHIVAM JAVIYA
20BCA105 NEEL PATEL

Project Profile :

Project Name :

I – product Selling website

Type of Application :

WebApplication

Font End :

- HTML5
- CSS
- JAVASCRIPT
- BOOTSTRAP
- Jquery

Back End :

- PHP
- MYSQL

Tools userd :

Visual Studio Code 2019

XAMPP

Project Description:

The objective of project on Online Shopping Portal is to developing a GUI based automated system, which will cover all the information Related to the all products which is used in our daily life. For example – Mobiles Phones, Laptops, Electronic Items and many more. So by this GUI based automated system a user want to purchase something then it only a mouse click away to purchase these products.

System Study :

1. **Existing System :**

- Customer has to visit the shop physically by taking out time from their busy lives to buy Electronics Gadgets.

2. **Proposed System :**

- Shopping Online is less time-consuming.

- Customer can get the Electronic gadgets of the famous brands they want anywhere they want, be it in a city or village.

3. **Scope Of Proposed System :**

- E-COMMERCE is envisioned to include authentication, authorization, User management, Cart management, Order Management, Payment.

1. **Authentication:** The system shall allow Only Non Active Directory Approach(Non AD)

2. **Authorization:** The system shall allow Only role based Authorization.

3. **User Management:** Admin Can be Add new User(Customer). Admin Can be View User(Customer). Admin can be edit User(Customer)Profile.

4. **Cart-Management:** User(Customer) Can Be Add Or Remove In Own Cart. User Can be Add Product in Own cart. User Can be Remove Product In Own cart.

5. **Order-Management:** User(Customer) can be Show all previous place order. User can be Order show month wise and year wise.

6. **Payment:** user(Customer) can show a type of payment method that is cash on delivery(COD).

4. **Aim And Objective Of Proposed System : –** It is a System designed specially for Customers who love Electronic Gadgets.

- Place order Method is very simple.

5. Feasibility Study :

The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. All system is feasible if they are unlimited resources and infinite time.

- Operational Feasibility

- Technical Feasibility

- Economical Feasibility

❖ Operational Feasibility :-

- Operational feasibility aspects of the project are to be taken as an important part of the project implementation. The management issues and user requirements have been taken into consideration. So there is no question of resistance from the users that can undermine the possible application benefits

❖ Technical Feasibility :-

- The current system developed is technically feasible. Thus it provides an easy access to the users.

❖ Economical Feasibility :-

- In the economical feasible, the development cost in creating the system is evaluated against the ultimate benefit derived from the new systems. Financial benefits must equal or exceed the costs.

System Analysis :

Software Requirements :

- A software requirements specification (SRS) is a detailed description of a software system to be developed with its functional and non-functional requirements. The software requirement specification document consistent of all necessary requirements required for project development.

Hardware Requirements :

- The most common set of requirements defined by any operating system or software application is the physical computer resources, also known as hardware, a hardware requirements list is often accompanied by a hardware compatibility list (HCL), especially in case of operating systems.
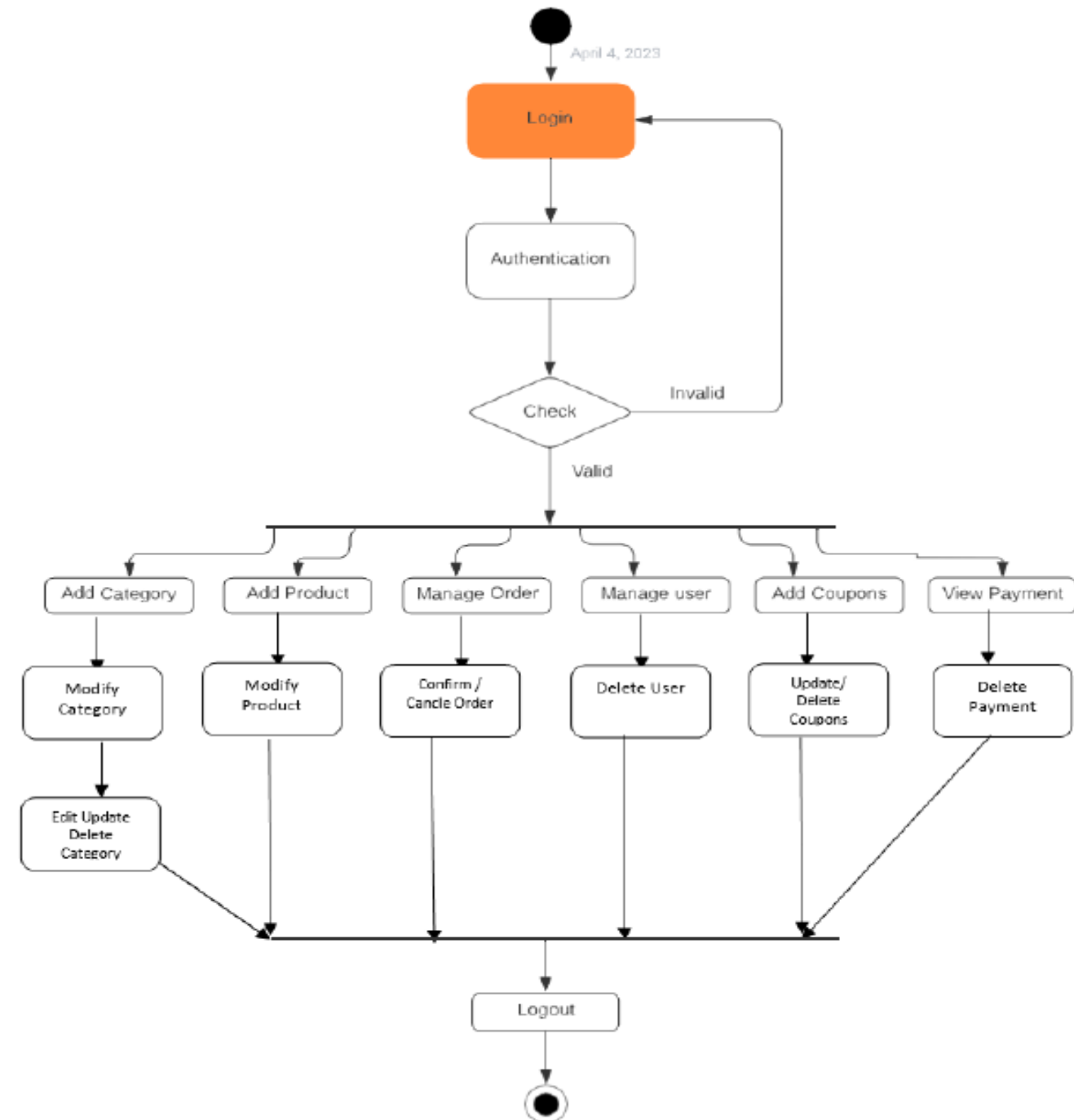
Software Requirements :

- Language: Bootstrap, CSS, HTML ,JavaScript, JQuery
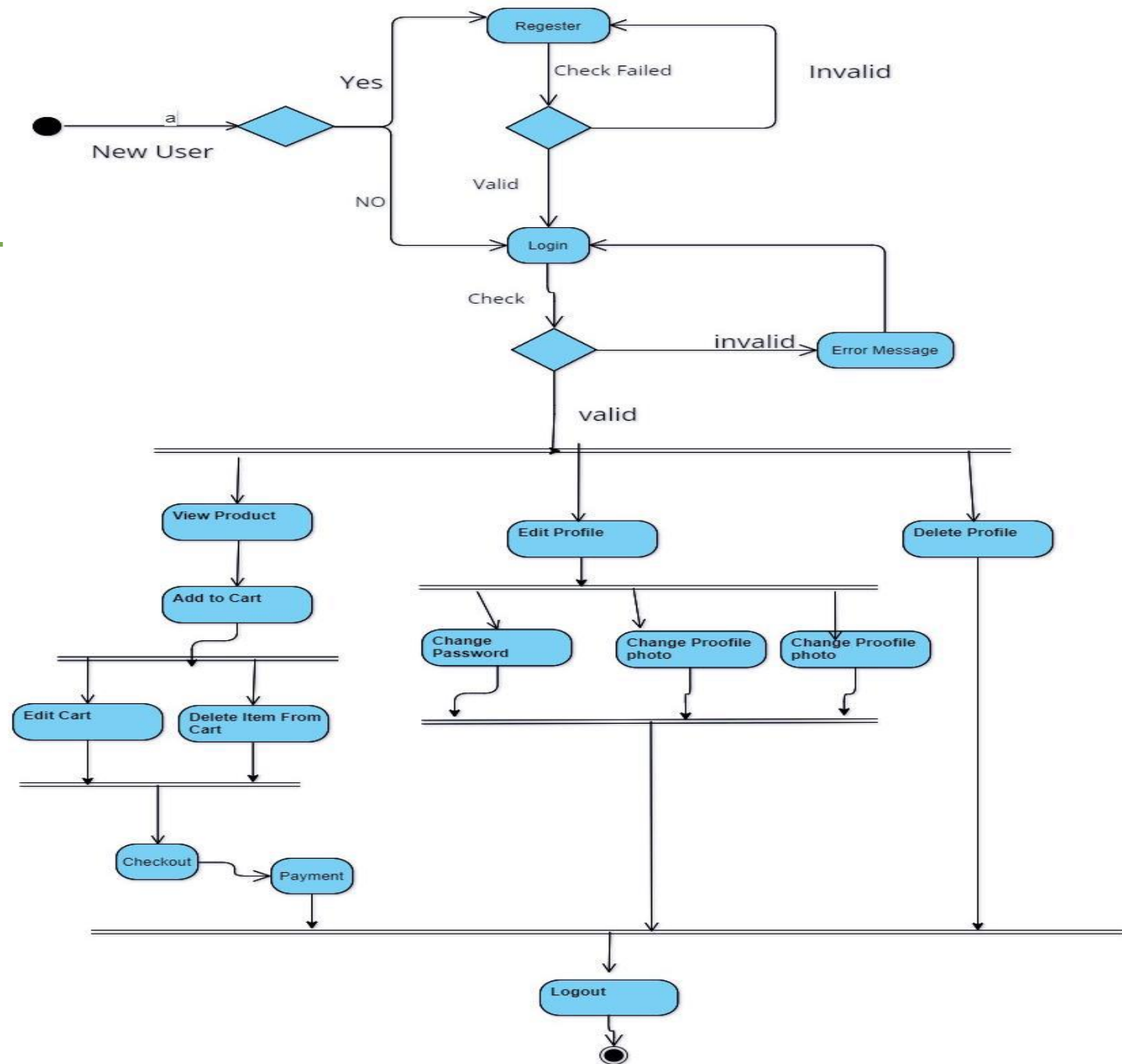- Database : Sql Server Studio
- Operating System: Microsoft Windows

Use Case Diagram :-
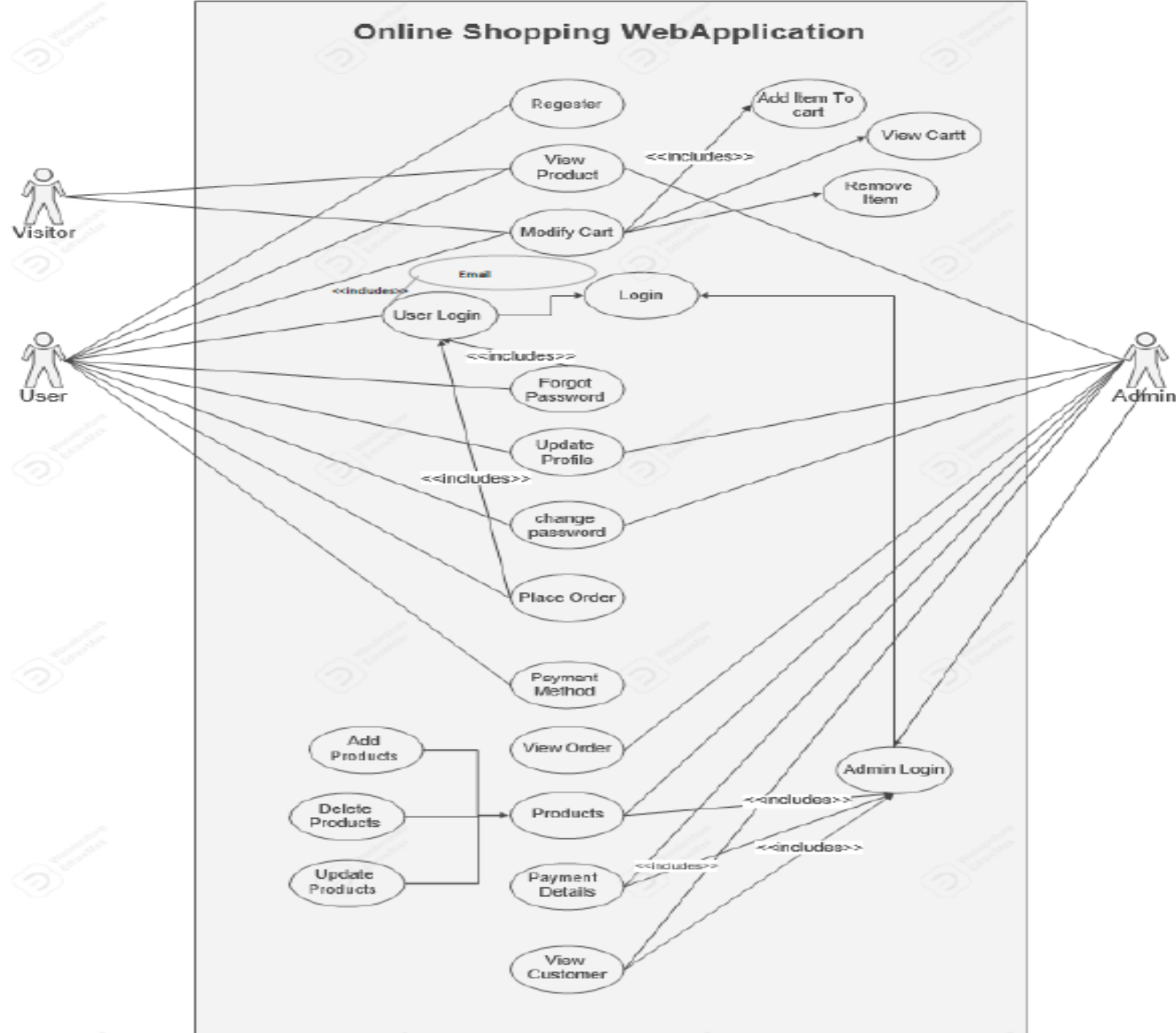
Activity Diagram for Admin : -

Activity Diagram for User : -

Class Diagram :-
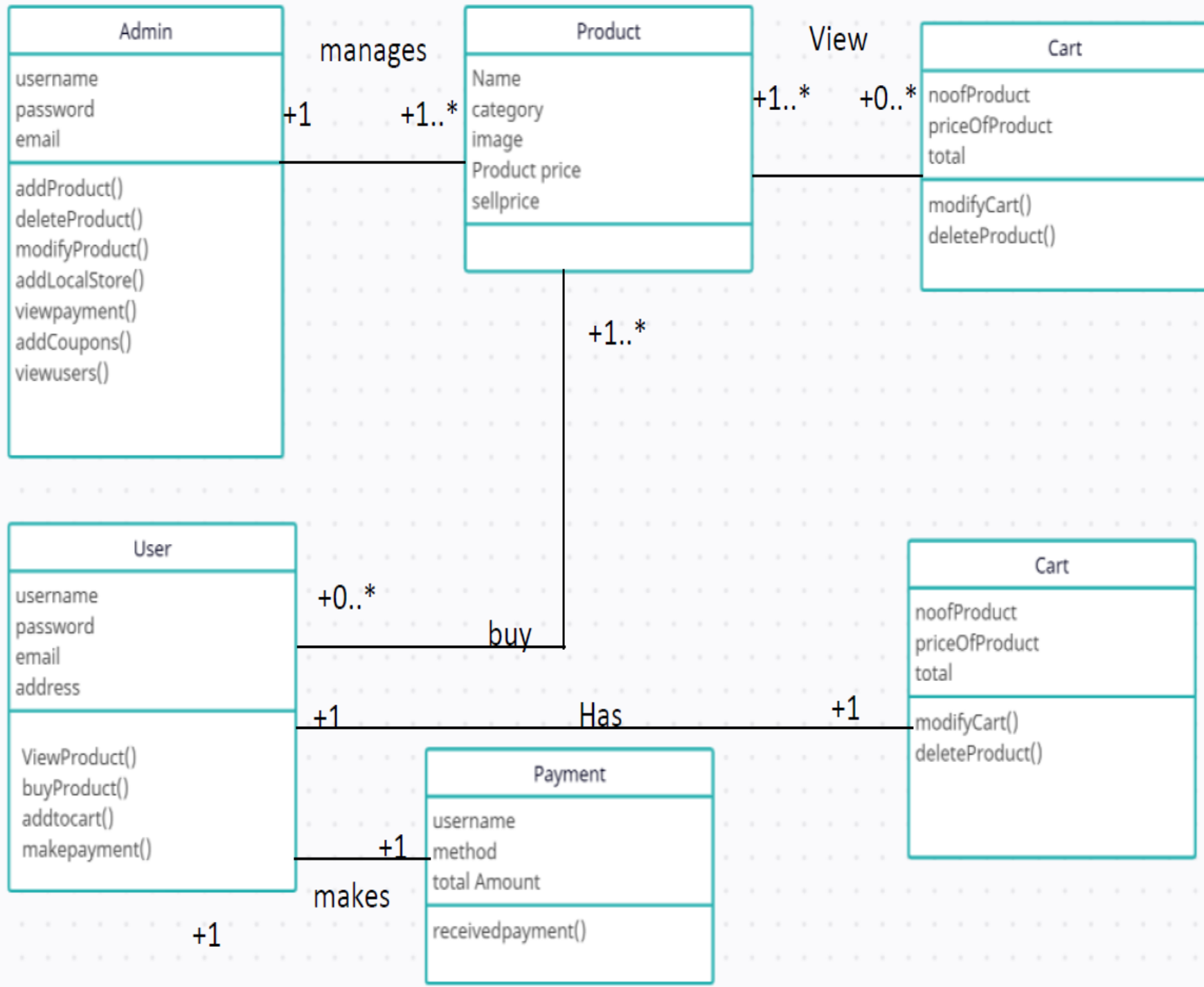
Data Dictionary

User Table : −

Sr.No	Column Name	Datatype	Constraint	Allow Null
1	id	Int(100)	primaryKey	Null
2	name	Varchar (100)	-	Not Null
3	email	Varchar (100)	-	Not Null
4	password	Varchar (100)	-	Not Null
5	user_type	text	-	Not Null
6	Token	Varchar (100)	-	Not Null
7	status	text	-	Not Null

Add Product Table : –

Sr.no	Column Name	Data Type	Constraint	Allow Null
1	Id	int(10)	primary key	Null
2	name	varchar(100)	-	Not Null
3	Price	int(100)	-	Not Null
4	Image	varchar(100)	-	Not Null
5	Details	varchar(100)	-	Not Null

Orders :-

Sr.no	Column_Name	Data_Type	Constraint	AllowNull
1	Id	int(10)	primary Key	Null
2	User_id	int(100)	-	Not Null
3	name	Varchar(100)	-	Not Null
4	number	int(10)		Not Null
5	email	Text	-	Not Null
6	Method	Varchar(100)	-	Not Null
7	Address	Varchar(100)	-	Not Null
8	Total_product	Varchar(100)	-	Not Null
9	Total_price	Int(100)	-	Not Null
10	Placed_on	Varchar(50)	-	Not Null
11	Paymet_satatus	Varchar(20)	-	Not Null

Messages Table :-

Sr.no	Column Name	Data Type	Constraint	Allow Null
1	Id	int(10)	primary key	Null
2	User_id	varchar(100)	-	Not Null
3	Name	int(100)	-	Not Null
4	Email	varchar(100)	-	Not Null
5	Number	varchar(100)	-	Not Null
6	Message	Varchar(100)	-	Not Null

Cart Table :-

Sr.no	Column Name	Data Type	Constraint	Allow Null
1	Id	int(10)	primary key	Null
2	User_id	varchar(100)	-	Not Null
3	Name	varchar(100)	-	Not Null
4	price	Int(100)	-	Not Null
5	Quantity	int(100)	-	Not Null
6	image	Varchar(100)	-	Not Null

Hardware Requirements :-

- Hardware Requirements ▪ Processor: Pentium or Greater

- RAM: 4GB

- Hard Disk: 256GB

The most common set of requirements defined by any operating system or software application is the physical computer resources, also known as hardware, a hardware requirements list is often accompanied by a hardware compatibility list (HCL), especially in case of operating systems.

Software Requirements :-

- Language: Bootstrap, CSS, HTML ,JavaScript, JQuery

- Database : Sql Server Studio

- Software: XAMP, Visual Studio

- Operating System: Microsoft Windows

A software requirements specification (SRS) is a detailed description of a software system to be developed with its functional and non-functional requirements. The software requirement specification document consistent of all necessary requirements required for project development.

Future enhancement :-

o   Order Tracking.

o   Promo Code & discount code tools.

o   Product Replacement

o   SEO friendly code and layout.

o   Advanced eCommerce SEO capabilities.

o   AI Based ChatBot to communicate with user.

o   An integrated blog or articles section.

o   Email marketing features or integration.

o   Multiple payment options (Credit card, PayPal, PO, Terms, etc.).

o   Blockchain integration.

o   Enhanced Product Reviews.

o   Subscription services.

o E-commerce has grown significantly during the past 12 years. E-commerce has not only change the way consumers view their purchasing power but also help skyrocketed the economy.

Conclution :)

o E-commerce is a helpful technology that gives the consumer access to business and companies all over the world.

o Once consumers and businesses realize some of the dangers of e-commerce, there could less incidents of identity theft and credit card fraud.

o Online Shopping Web Applications have revolutionized the way people shop and have opened up a whole new world of opportunities for businesses to reach their target customers.

o The popularity of online shopping is expected to continue to grow in the future, and businesses that are not utilizing this technology may fall behind their competitors.While online shopping does have its risks, such as potential fraud and identity theft, the benefits far outweigh the risks. It is important for consumers to exercise caution when shopping online and to only use reputable and trusted Web Applications.In conclusion, the Online Shopping Web Application is an excellent option for both consumers and businesses. It is a convenient and efficient way to shop, and it offers a wide range of benefits. As technology continues to advance, we can expect online shopping to become even more prevalent in our daily lives.