



INSTITUTE FOR ADVANCED
COMPUTING AND SOFTWARE
DEVELOPMENT AKURDI, PUNE

Documentation On

“MOBILE SHOPPING SITE”
PG-DAC FEB 2020

Submitted By:

Group No: 56

Names & roll numbers

Chaitali Shinde (1125)

Swaranjali Muchwad (1163)

Prashant Karhale
Centre Coordinator

Mr. Milind Arjun
Project Guide

Table of Contents

1. Introduction	4
1.1 Problem Statement	4
1.2 Product Scope	5
1.3 Aim & Objectives	5
2. Overall Description	5
2.1 Product Perspective	5
2.2 Product Function	5
2.3 User and Characteristics	6
2.4 Operating Environment.....	7
2.5 Design and Implementation Constraints	8
3. Specific Requirement.....	8
3.1 External Interface Requirements	8
4. System Design	10
4.1 Activity Diagram	10
4.2 Use Case Diagram.....	12
4.3 ER Diagram	13
5. Screenshots	14
6. Conclusion	17
7. Future Scope	17
8. References	18

List of Figures

Figure 1 Admin Activity Diagram	10
Figure 2 User Activity Diagram	11
Figure 3 Use Case Diagram	12
Figure 4 ER Diagram	13

Introduction

The project entitled “Online Mobile Shop” enables customer to buy mobiles or accessories from anywhere through online. This application advertises some of the products for shopping. To buy products, customer has to create an account. Those who does not have an account, they can only view the available product. They can’t buy it. Once the customer has created account, not only he can view the products, he can also add the product to the cart and also, he can place an order to buy those products. The application then generates bill for that particular customer. After the confirmation, the customer has to enter his credit card details to buy those products.

Problem Statement

The main reason behind developing this project is the problems which were faced By the customer because of shortage of time and convenience.

Convenience: Unlike your street markets, online shopping sites never close ; They are available 24 hours a day, seven days a week, and they are only a mouse click away.

Accessibility: If you are out of state or even out of the country when a money problem Arises, you can log on instantly to online bank and take care of business , 24/7.

Product Scope

This project traverses a lot of areas ranging from business concept to computing field, and required to perform several researches to be able to achieve the project objectives.

The area covers include:

- J2EE Technology used for the development of the application.
- General customers as well as the society’s staff will be able to use the system

IACSD

effectively.

- Web-platform means that the system will be available for access 24/7 except when there is a temporary server issue which is expected to be minimal.

Aims & Objectives

Specific goals are: -

- The main goal to increase the quantity of sales by making the new technology of web pages design more attractive and to search a lot of customers and company to their location.
- The main objective of the Online Shopping System is to manage the details of shopping, internet, payment bills, customer.

Overall Description

Product Perspective:

The product will be developed completely independent and dynamic website.

customer must have an account to purchase the product.

This application stores all the information in the database which can be retrieved whenever needed and all the validations are performed during the entry of the data by the user thus ensuring that the user cannot enter any wrong data which could cause problem later.

Product Function:

Initially customer has to register to the website to access most of the features of the application. The customer has to enter the details like username, password...etc. After registration customer will be able to purchase products and the purchased product can be added to the cart. Later customer has to enter his credit card details to buy the products. The confirmation of debit card numbers will be handled by the Pay pal website.

Users and Characteristics:

The user of this product is supposed to be fairly educated about the usage of the computers. He should understand how to store products and he should have knowledge about various products so that they could be saved. A person who has no knowledge of computers will find it difficult to understand the system. But with a little knowledge it will be very easy to handle the project.

Admin: Admin adds the new product and accessories and stores in the database which can be retrieved and used whenever needed and all the validation are performed during the entry of the data. Thus, it ensures that the user cannot enter any wrong data which would cause problem later.

User: This application allows the user to access all the products available. To buy the products, customer must create an account in this website.

Operating Environment:

Server Side:

Processor: Intel® Xeon® processor 3500 series

HDD: Minimum 500GB Disk Space

RAM: Minimum 2GB

OS: Windows 8.1, Linux 6

Database: Oracle 11g

Client Side (minimum requirement):

Processor: Intel Dual Core

HDD: Minimum 80GB Disk Space

RAM: Minimum 1GB

OS: Windows 7, Linux

Design and Implementation Constraints:

- The application will use Ajax, JavaScript, jQuery and css as main web technologies.
- HTTP and FTP protocols are used as communication protocols. FTP is used to upload the web application in live domain and the client can access it via HTTP protocol.
- Several types of validations make this web application a secured one and SQL Injections can also be prevented.
- Since Society Management system is a web-based application, internet connection must be established.
- The Society Management System will be used on PCs and will function via internet or intranet in any web browser.

Specific Requirement

External Interface Requirements:

User Interfaces:

- All the users will see the same page when they enter in this website. This page asks the users a username and a password.
- After being authenticated by correct username and password, user will be redirect to their corresponding profile where they can do various activities.
- The user interface will be simple and consistence, using terminology commonly understood by intended users of the system. The system will have simple interface, consistence with standard interface

Hardware Interfaces:

- No extra hardware interfaces are needed.
- The system will use the standard hardware and data communication resources.
- This includes, but not limited to, general network connection at the server/hosting site, network server and network management tools.

Application Interfaces:

OS: Windows 7, Linux

Web Browser:

The system is a web-based application; clients need a modern web browser such as Mozilla Firebox, Internet Explorer, Opera, and Chrome. The computer must have an Internet connection in order to be able to access the system.

Communications Interfaces:

- This system uses communication resources which includes but not limited to, HTTP protocol for communication with the web browser and web server and TCP/IP network protocol with HTTP protocol.
- This application will communicate with the database that holds all the booking information. Users can contact with server side through HTTP protocol by means of a function that is called HTTP Service. This function allows the application to use the data retrieved by server to fulfil the request fired by the user.

System Design

Activity Diagram

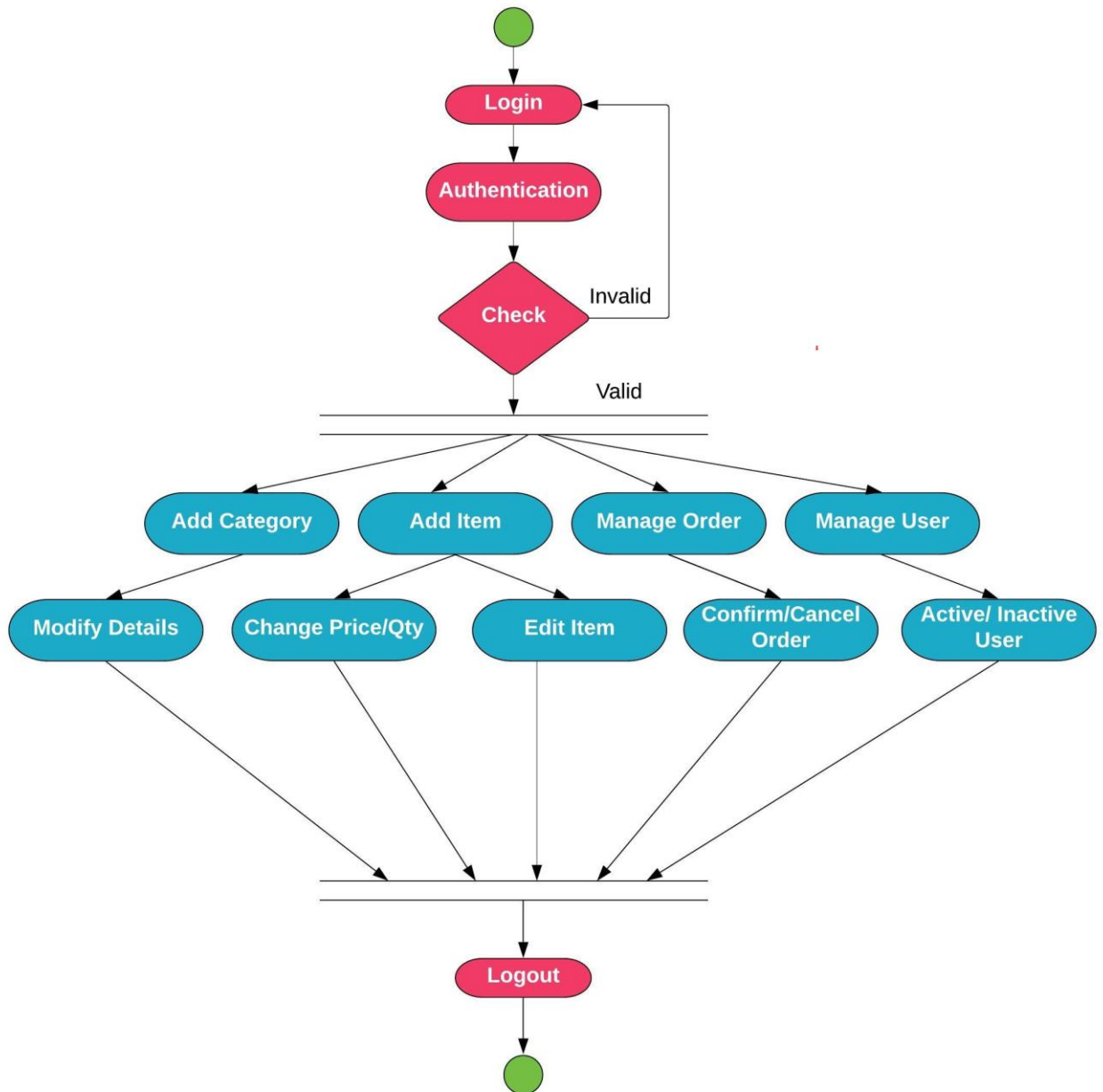


Figure 1: Admin Activity Diagram

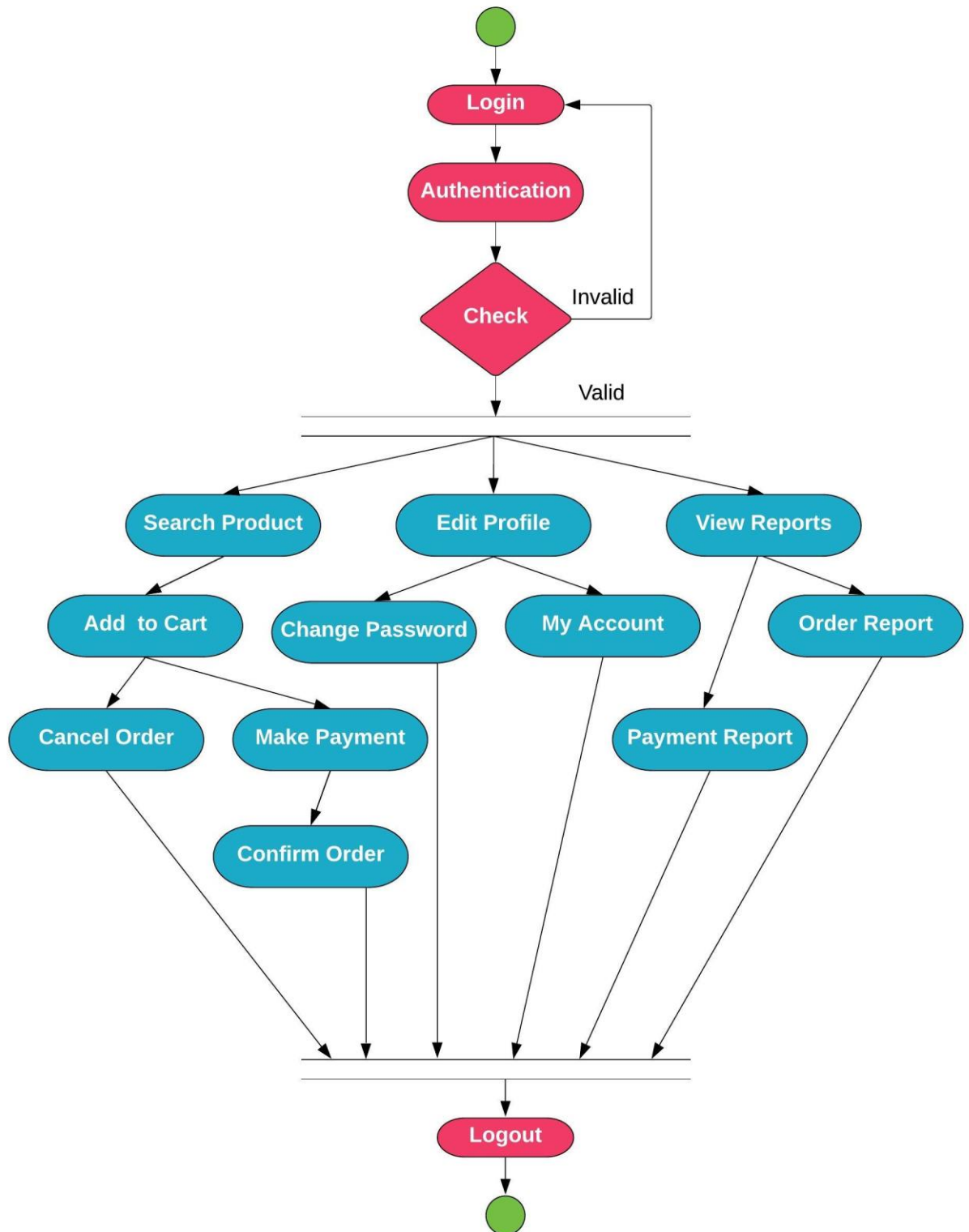


Figure 2: User Activity Diagram

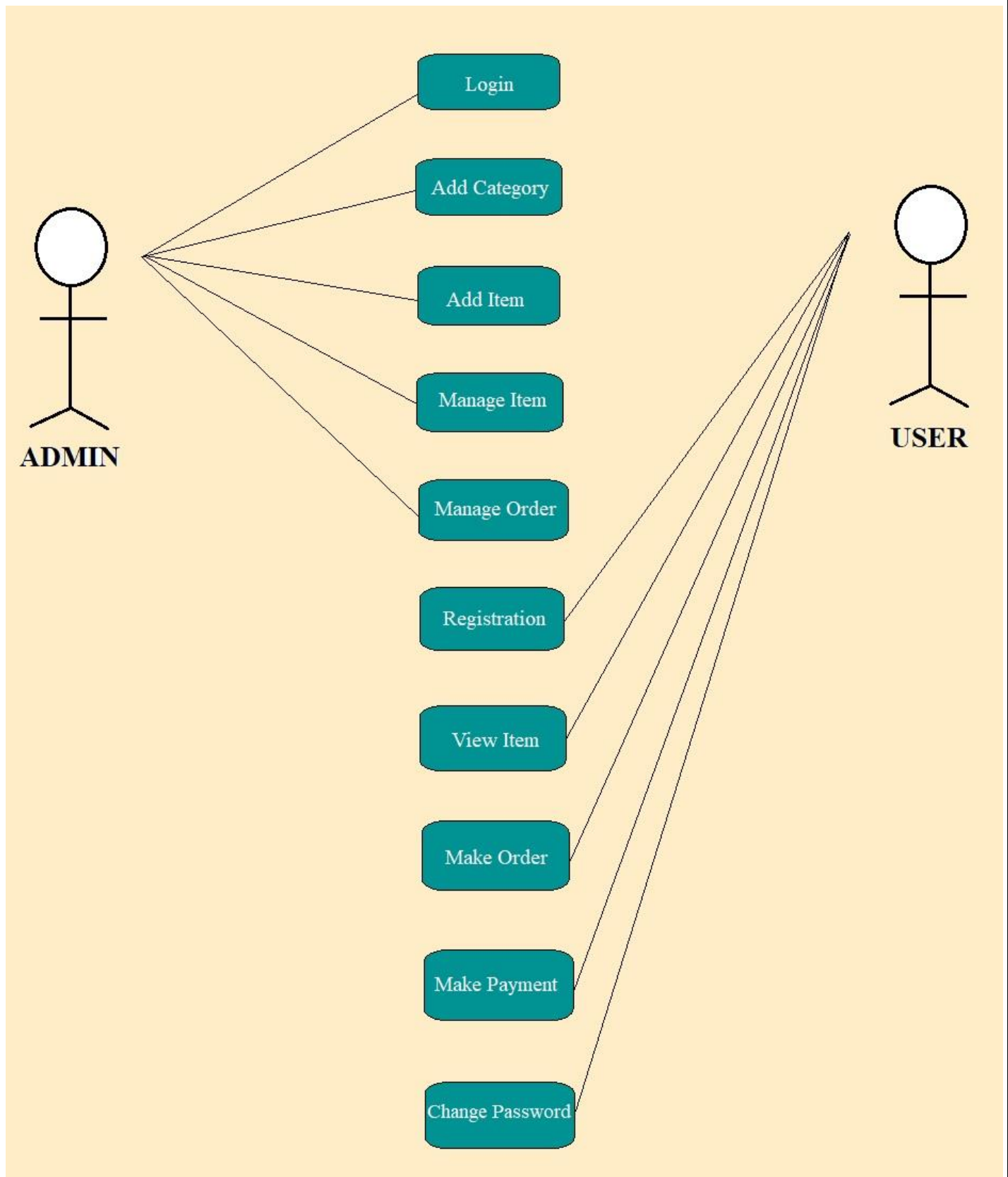
Use Case Diagram

Figure 3: Use Case Diagram

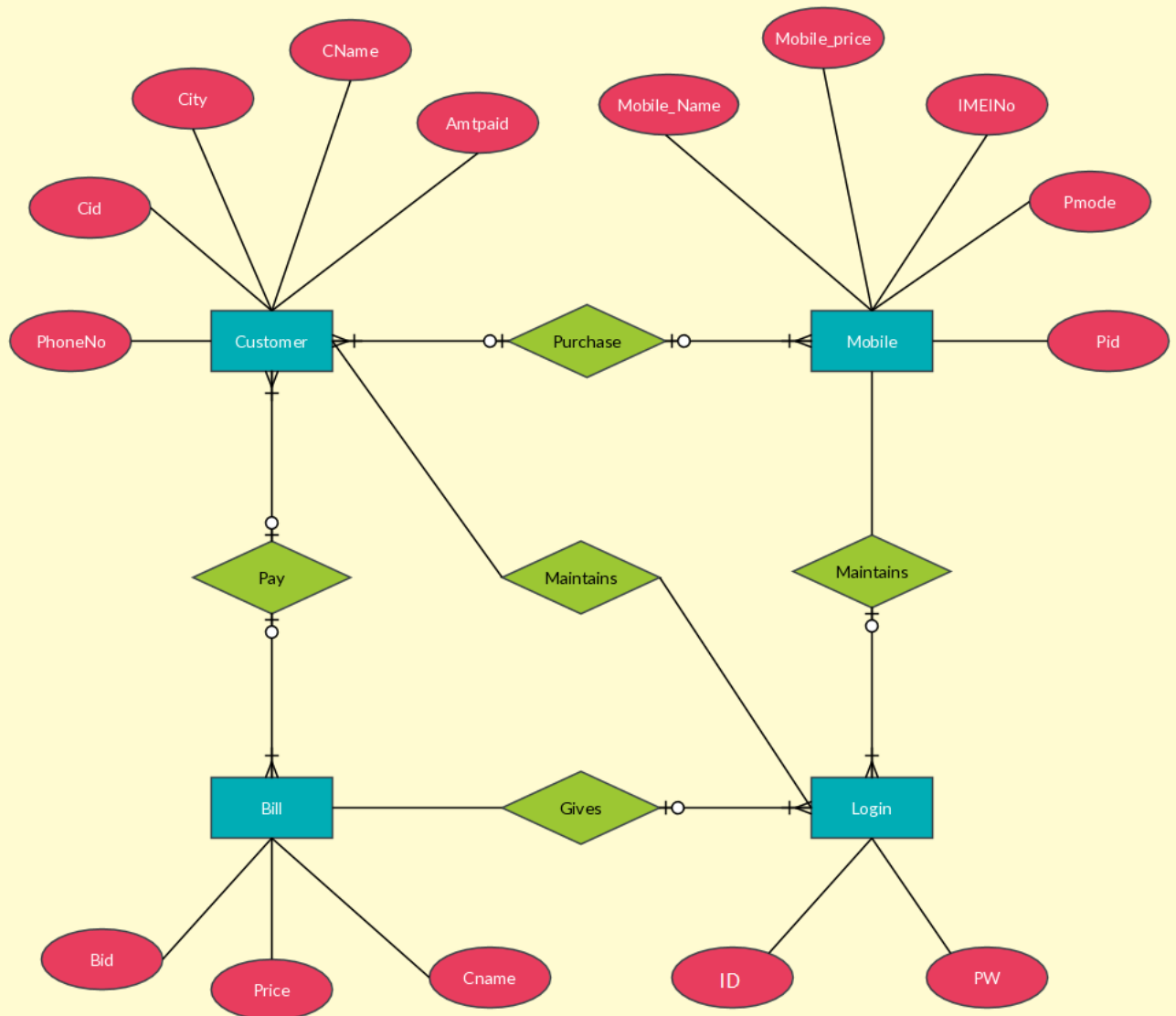
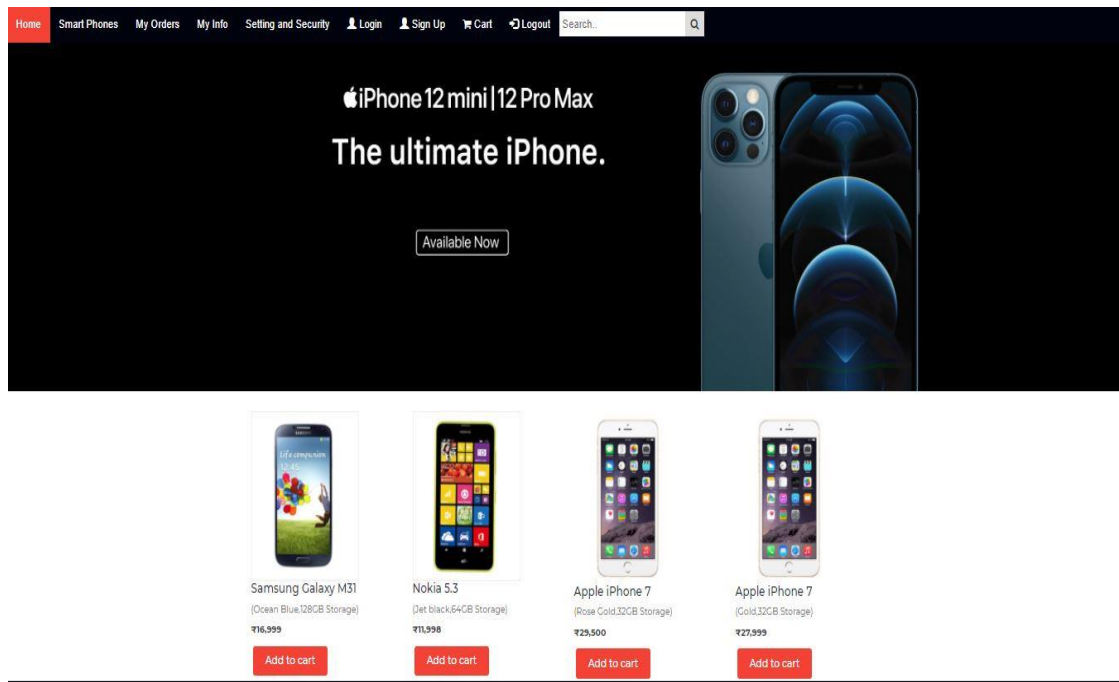
ER Diagram

Figure 4: ER Diagram

Screenshots:



The screenshot shows the "Create Account" form on the same e-commerce website. The navigation bar is identical. The form is titled "Create Account" and contains the following fields:

- Name***: Alex
- Email***: abc@gmail.com
- Date of birth***: dd-yyy (with a calendar icon)
- Phone Number***: 0
- Country***: India
- State***: Maharashtra
- City***: Pune
- Apartment***: Pegasus tower 1
- Street***: MG road
- Pin***: 0
- Role***: Admin/Buyer
- Password***: 1234

Below the fields, there is a link: "By creating an account you agree to our [Terms & Privacy](#)." At the bottom is a red "Submit" button.

Login

Email

samsung@gmail.com

Password

....

Submit

Forgot [password?](#)

ABOUT US

Our mission is to be the largest customer-centric company.

📍 17 Viman Nagar,Pune

☎ 1800 1000 9605

✉ cs-reply@gadgets.com

CATEGORIES

Hot deals

Smartphones

INFORMATION

About Us

Contact Us

Privacy Policy

Orders and Returns

Terms & Conditions

SERVICE

My Account

View Cart

Wishlist

Track My Order

Help

Upload Image

Name:

Name

Category:

Category

Price:

0

Description:

Description

[Choose File](#) No file chosen[Upload](#)[Back to home page.](#)

ABOUT US

Our mission is to be the largest customer-centric company.

📍 17 Viman Nagar,Pune

☎ 1800 1000 9605

✉ cs-reply@gadgets.com

CATEGORIES

Hot deals

Smartphones

INFORMATION

About Us

Contact Us

Privacy Policy

Orders and Returns

Terms & Conditions

SERVICE

My Account

View Cart

Wishlist

Track My Order

Help

[Home](#) [Smart Phones](#) [My Orders](#) [My Info](#) [Setting and Security](#) [Login](#) [Sign Up](#) [Cart](#) [Logout](#)

Add new Smartphones

[View Wallet](#)
[Add Product](#)

Name	Category	Price	Description	Action
Samsung s8	Smart phones	1000	This is best smart phone	Delete
IPhone New S	ios type	5000	This i iphone	Delete
Iphone 10X	ios type	15000	Best phone to buy	Delete
Samsung Note	Android	20000	Best Android Phone	Delete
Samsung S12 Pro	Android	22520	Best Buy	Delete

ABOUT US

Our mission is to be the largest customer-centric company.

📍 17 Viman Nagar,Pune

☎ 1800 1000 9605

✉ cs-reply@gadgets.com

CATEGORIES

Hot deals

Smartphones

INFORMATION

About Us

Contact Us

Privacy Policy

Orders and Returns

Terms & Conditions

SERVICE

My Account

View Cart

Wishlist

Track My Order

Help

[Home](#) [Smart Phones](#) [My Orders](#) [My Info](#) [Setting and Security](#) [Login](#) [Sign Up](#) [Cart](#) [Logout](#)

Wallet

Wallet Balance:

100000

Add Amount:

0

[Add](#)

[Back to home page](#)

ABOUT US

Our mission is to be the largest customer-centric company.

📍 17 Viman Nagar,Pune

☎ 1800 1000 9605

✉ cs-reply@gadgets.com

CATEGORIES

Hot deals

Smartphones

INFORMATION

About Us

Contact Us

Privacy Policy

Orders and Returns

Terms & Conditions

SERVICE

My Account

View Cart

Wishlist

Track My Order

Help

My Cart Items

Order

Name	Amount	Seller	Action
Iphone 10X	15000	Sam karan	Remove
Samsung S12 Pro	22520	Sam karan	Remove

[Back to home page](#)

ABOUT US

Our mission is to be the largest customer-centric company.

📍 17 Virman Nagar,Pune

☎ 1800 1000 9605

✉ cs-reply@gadgets.com

CATEGORIES

Hot deals

Smartphones

INFORMATION

About Us

Contact Us

Privacy Policy

Orders and Returns

Terms & Conditions

SERVICE

My Account

View Cart

Wishlist

Track My Order

Help

Billing Address

👤 Full Name

Chaitali shinde

✉ Email

chaitalishinde@gmail.com

🏠 Address

Gandharv nagri,P.6,A304,Gandharv nagri,Pune-nashik highway

🏙 City

Pune

State

Maharashtra,India

Zip

412105

Payment

Accepted Cards

Name on Card

Chaitali Shinde

Credit card number

1111-2222-3333-4444

Exp Month

September

Exp Year

2018

CVV

352

☒ Shipping address same as billing

Confirm

[Back to home page](#)

Conclusion :

It is an user friendly application and promotes user to purchase and shop faster.
With new technology comes better way of doing things. Being able to buy anytime anywhere.
Allows to place order before purchasing. Home delivery you don't have to travel to shop.
Widespread effects on economy and e-commerce.

Future Scope :

This project can be enhanced further by adding club house booking, online voting system,online payment facility for the members to reduce the extra work of the admin. The software is flexible enough to be modified and implemented as per future requirements. We have tried our best to present this free and user-friendly website to Society members. Message and Email alerts for various happenings in the society can be added to the system so that users do not miss the updates and happenings of the society.

References

- The Effectiveness of Branded Mobile Phone Apps by Bellman, Steven, Robert F. Potter.
- Worldwide Smartphone Usage to Grow 25% in 2014 (<http://www.emarketer.com/Article/Worldwide-Smartphone-Usage-Grow-25-2014/1010920>).
- How Is the Mobile Internet Different? By Anindya Ghose , Avi Goldfarb, Sang Pil Han.

