

A Project Report On

H.K. Online Electronics

Kamani Science & Technical Arts
College, Amreli

(Online electronics shopping site)

Developed By

Kuchhadia Harsh

Guide By

Mr. Vipul Baudha.

Year of Submission

2020 - 2021

Saurashtra University - Rajkot

Preface

The main objective of any computer science is to get practical knowledge as possible. Being able to have a practical knowledge by developing a project is a lifelong experience. As practical knowledge is important as theoretical knowledge we are thankful of having a project.

Through the development of the project we had a great experience of various strategies. They can be applied in development of the project. This project is the stepping stone for our career.

We are pleased to present this project report.

Proper care has been taken while organizing the report so that it is easy to comprehend.

Also, various software engineering consults have been implemented.

Acknowledgement

We are Student of BCA Sem-
string in the Karmeli Science
College. Amari. we Thanks of the
entire Person who has given
their Support in Making of
the System

we thanks
for giving us guidance and
co-operation in understanding the
System we also thanks them
for their unconditional help
in making of this Project.

we have clear of gratitude
towards our head of department
who encourage us in setting up this
activity.

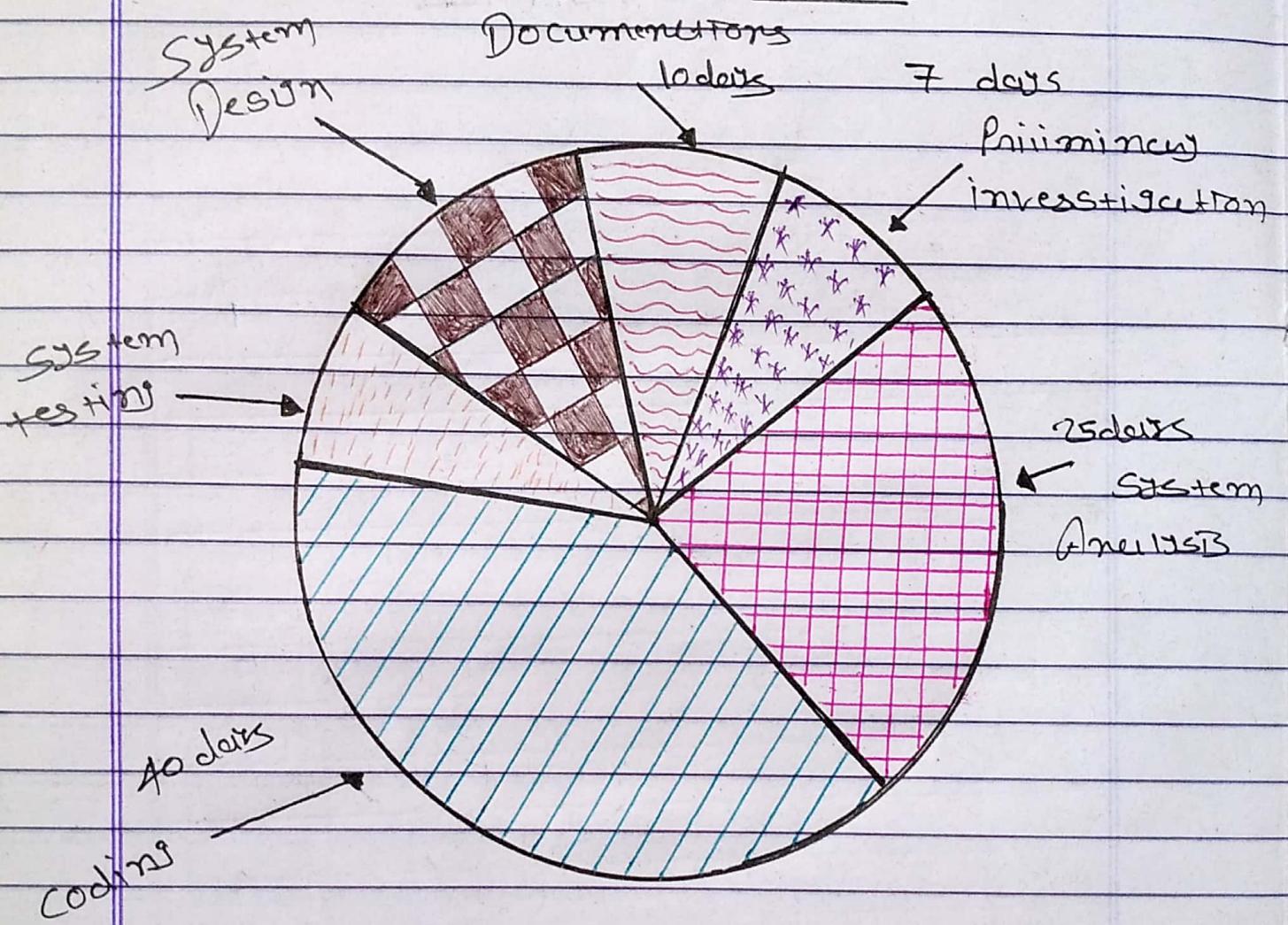
Thanks to all!!

Kreshna Hars

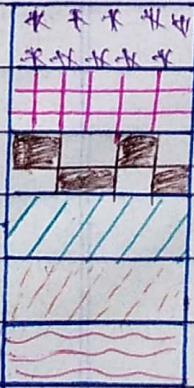
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Time Line Chart



- Preliminary investigation
 - System Analysis
 - System Design
 - Coding
 - System testing
 - Documentation



Project Profile

1. Project Name :
2. Developed By: Kachhadia Harsh
3. Front End Tool : PHP , HTML , Javascript , Swine TEXT 3
4. Back End Tool : MySQL
5. Operating System: Pentium -IV or higher . RAM : 256 MB
6. Project Details : In this site customer can buy any new design (TV, Led, AC, mobile etc.) easily and payment method easy.
7. Completion Time :
8. Guide By: Mr. Vipul Bhalerao
9. Submitted By: Saviesh Patel University, Rajkot

Hardware Requirements

- 512 + MB of RAM
- Multimedia keyboard and mouse
- 10 + MHz Processor
- Monitor
- Printer
- Scanner

Software Requirements

1. Operating System: Microsoft windows 7 & windows 10
2. Front end tool: HTML, JavaScript, PHP
3. Back end tool: MySQL
4. Documentation Tool: Microsoft word, zorot
5. Browser Specification: Mozilla Firefox or Google Chrome

Requirement

Specification

In this Section Provides Requirement overview of the system.

MySQL RDBMS used to maintain the all concerned data.

uses special views to display data.

Display all type of data using class field reports with combination multiple fields.

Special Searching of friends in work.

Controlling the information regarding whole network site.

*

Problem Definition

- Maintain user Information.
- Multiple choice for buying any item.
- Searching any items in website.
- Maintaining loading a site.
- Multiple choice for payments.
- Fast delivery to the customer.

Problem Definition

- Maintain User information.
- Multiple choice for buying any item.
- Searching any items in website.
- Maintain location of site.
- Customers can easy to buy item.
- Multiple choice for Payments.
- Fast delivery to the customer.

Project Planning

Scheduling

Project Planning and Scheduling are under:

Preliminary investigation

System Analysis

System Design

Coding

Testing

Maintenance

Implementation

System Analysis

System analysis is the process of identification of objective and requirements, execution of tentative solution and communication for a more feasible solution. In other words, system analysis is the step by step process of gathering, recording and interpreting facts.

→ System analysis itself breaks into two steps:

1.] Preliminary analysis

2.] Detailed analysis

During analysis decide up converted from the circulic files, decision points and transaction of the system using various tools like data flow diagram (DFD).

Feasibility Study

A Purpose of Feasibility Study is to check out the Possibility of a Computerized Solution to the Organization observed Problem because very much money that has been spent on.

A Feasibility Study is carried out to select the best system that meets performance requirement.

Only by spending the time to examine the feasibility do I reduce the chances for extreme embarrassment and later waste on the System Project.

For the complete Feasibility Study I need to concentrate on following:

They are at Three types:

1. Technical

2. Operational

3. Economical

► Technical.

Technical Feasibility considers whether the desired Project can be completed within the framework of available technology. As our project was website designing, this was met at a problem, as many advanced web-editing tools were available.

► Operational

Operational Feasibility was done to assure that the Product that would be developed would be used.

Since a ~~cards and gifts~~ has to have a website at its own stores at later, there won't much at a problem.

→ Economical

Our commercial website is Economically Feasible Because we have developed this website only for one time.

Only future enhancement is required on the other hand every client can view our site any time as many time as per their requirement.

So the future economic expenses are null. So we can say that this website is totally feasible.



Project Page Structure

Admin side

Login

Logout

User

Logout

User side

Register

View

Product

Add to

Cart

Buy

Product

Login

Out

Login

Select

Product

Buy

Product

Feed

Back

Data Dictionary

→ The data dictionary is a set of table MySQL uses it to maintain information about this own database.

→ Data dictionary contains the following information.

- ✓ Name of the table of database.
- ✓ User Information such as privileges.
- ✓ Name and data-type of all columns in database table.

→ Database name: Online Electronics . SQL

→ Tables :

1. Registration:

Stores information related to registered user into our website.

Field	Type	Size	Attribute
U_id	int	10	Primary Key
user name	varchar	13	not null
e-mail	varchar	40	not null
Password	varchar	12	not null
Consent no	int	10	not null
Pincode	int	6	not null
State	varchar	15	not null
City	varchar	12	not null

2. Feed back

Stores informations related to comment made by user the website

Field	Type	Size	Attribute
F_id	int	10	Primary key
Name	varchar	14	not null
E-mail	varchar	15	not null
message	varchar	40	not null

3. User:

This table is used to store all user's information.

Field	Type	Size	Attribute
U- Id	int	7	Primary key
U- Fname	varchar	15	not null
U- name	varchar	15	not null
U- email	varchar	20	not null
U- Password	varchar	10	not null
U- DOB	varchar	11	not null
U- Gender	varchar	4	not null
U- city	varchar	15	not null
U- State	varchar	13	not null
U- counter	varchar	20	not null
U- contact no	int	10	not null

4. Add to cart

Field	Type	Size	Attribute
Transaction - id	int	11	Primary key
User - id	int	15	Primary key
Product - id	int	10	Primary key
Order no	int	6	Primary key
Customer - name	varchar	20	not null
Customer - Address	varchar	30	not null
Quantity	int	10	not null
Price	int	9	not null

5. Product

Field	Type	Size	Attribute
P_id	int	10	Primary key
P_name	Varchar	15	not null
P_color	Varchar	9	not null
P_size	Varchar	10	not null
P_barcode	Varchar 2	8	not null
P_price	Varchar	10	not null

5. Payment

This table used to store all payment information.

Field	Type	Size	Attribute
Id	int	11	Primary key
Transaction_id	int	15	Primary key
user_id	int	10	Primary key
P_id	int	9	Primary key
Quantity	int	10	not null
Price	int	10	not null

Data Flow Diagram

The data flow diagram (DFD) gives brief idea on how the designed system B working. It also suggests the type of users who using this system and the process into work in the system.

Represents
Entity

Represents a system
processing

Represents Data Flow

Represents a data
store table.

Context Level Diagram

Create Account

Process Accounts

User

0.0

Online
Electronics

Admin

Account

Created

Create Account

1st

1st Level Diagram

make login

Login

1.0

Login

Process to login

Login Success Fully

view Product

Product view

1.1

view

Product

Select Product

1.2

Product Selected

Select Product

Process to Select

Product Select

Customer

Add to cart

1.3

Add to many

Add to
Cart

Process to

Add to cart

Admin

Add to cart
successfully

buy Product

1.4

Buy Product

Process to buy Product

Buy Product

make Payment

1.5

Process to payment

Get Receipt

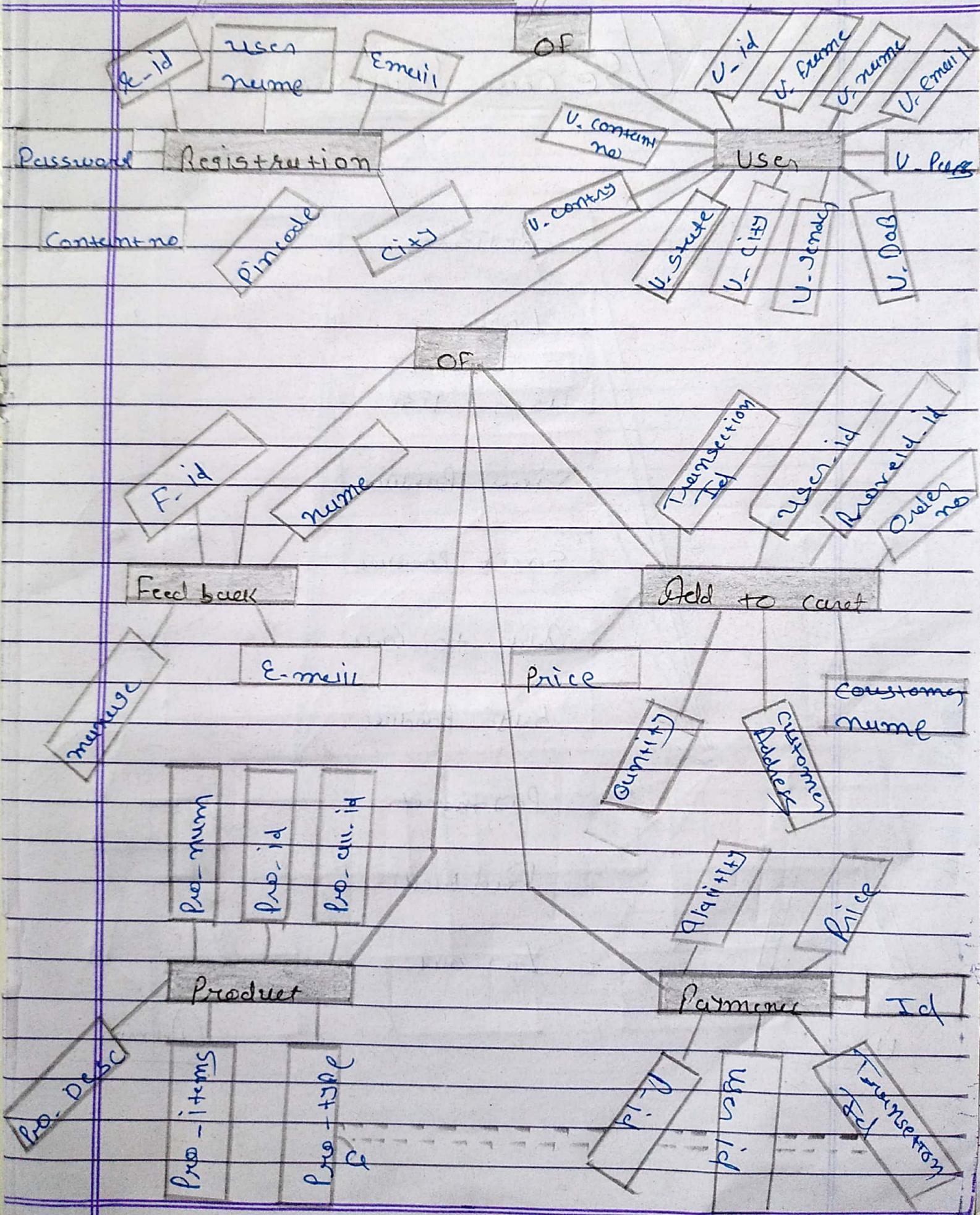
Payment

Payment success fully

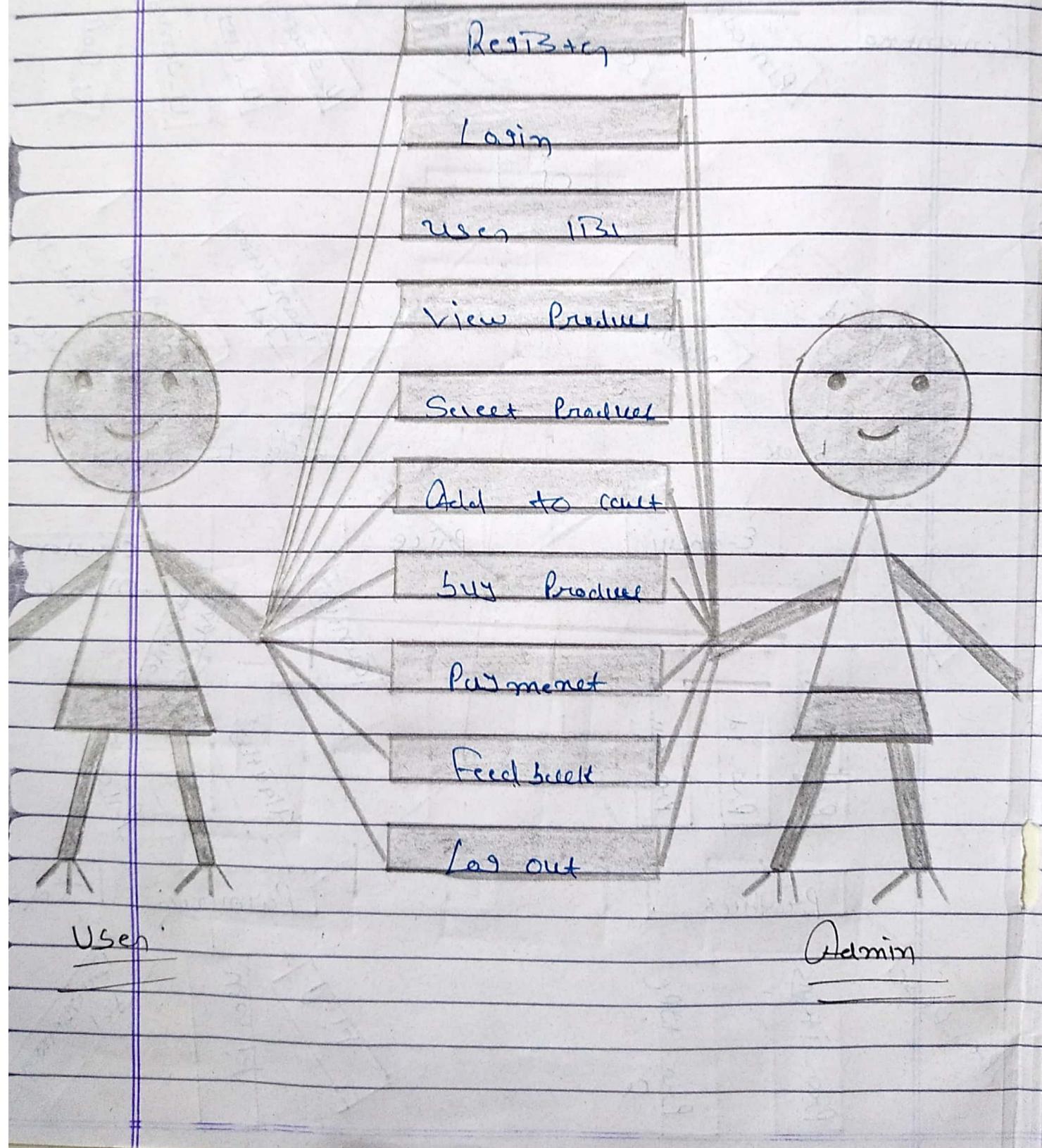
ER-Diagram

Date _____

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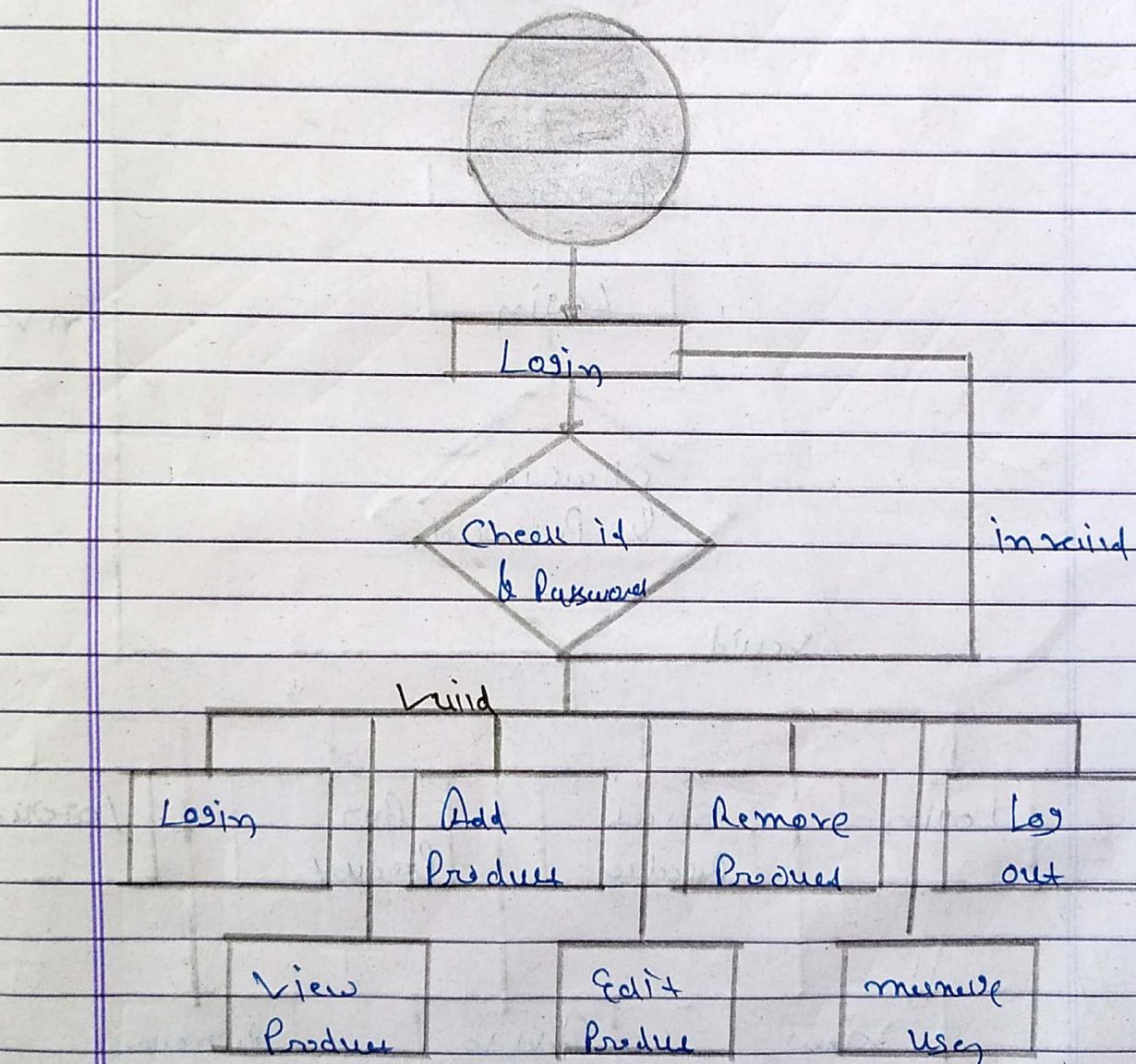


Use Case Diagram



Activity Diagram

Admin Side

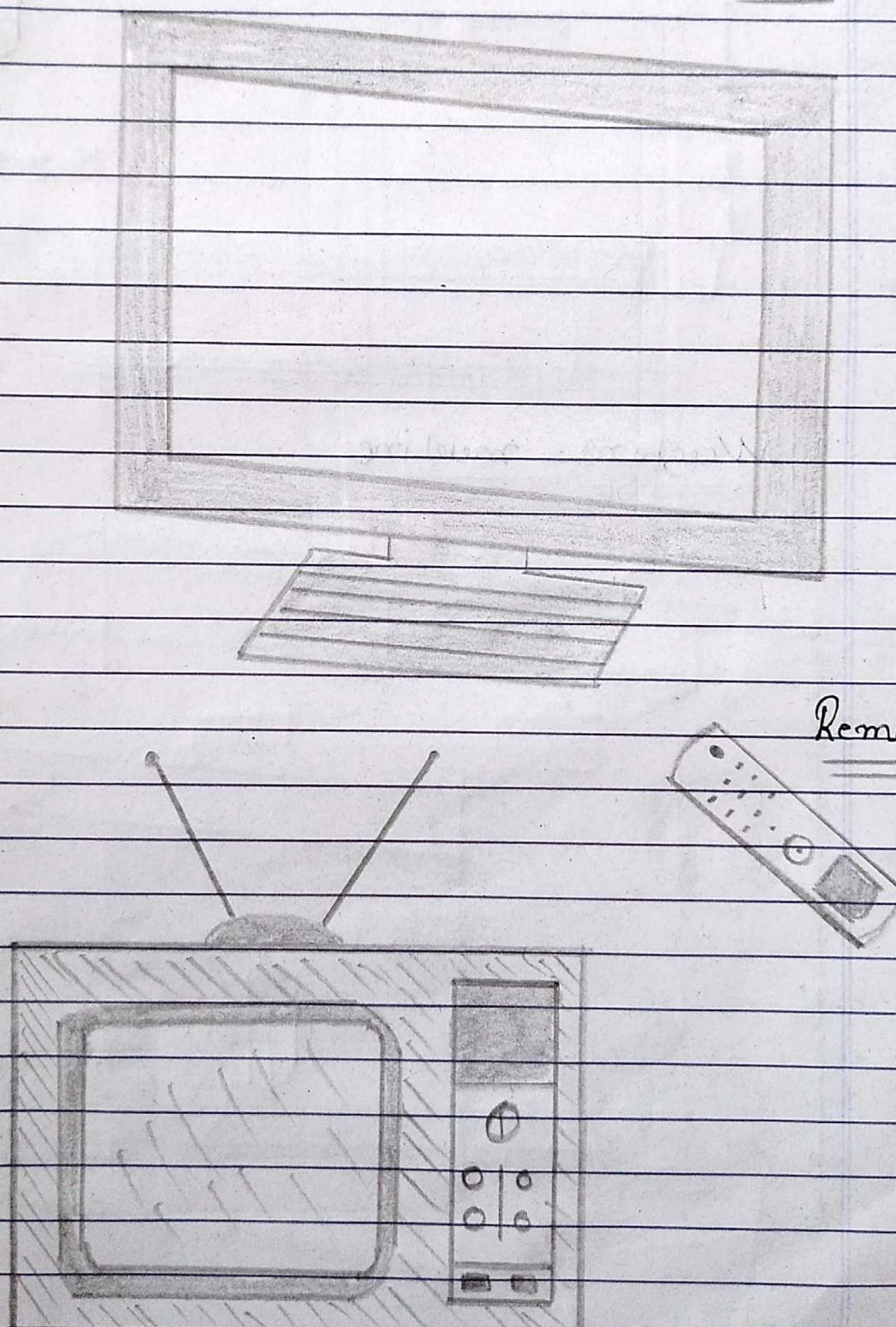


Users side



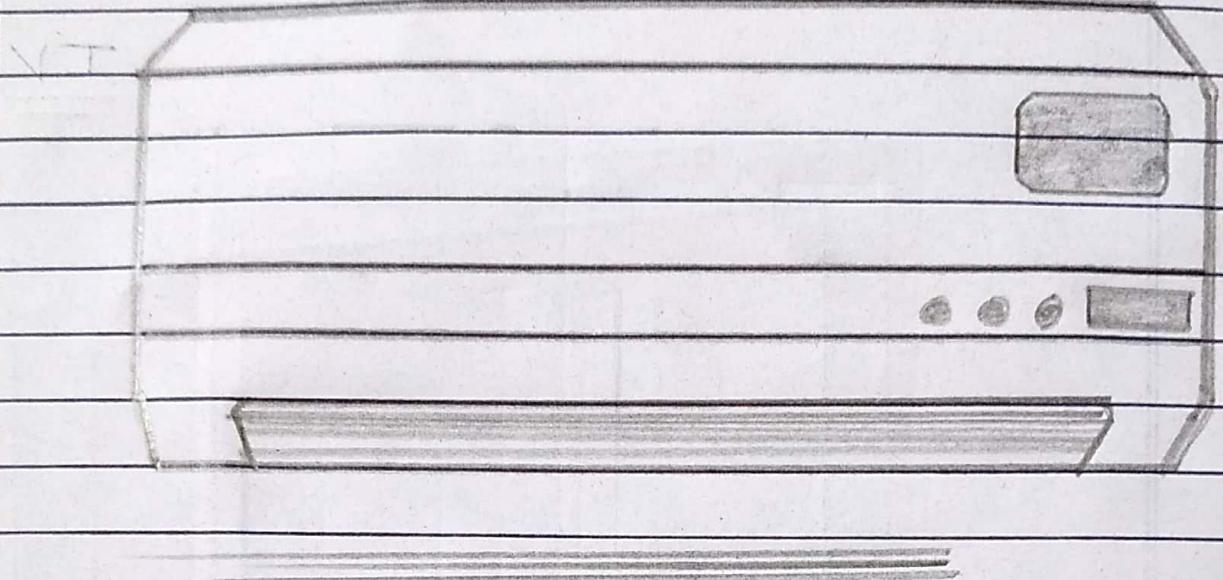
Screen Shots

T.V

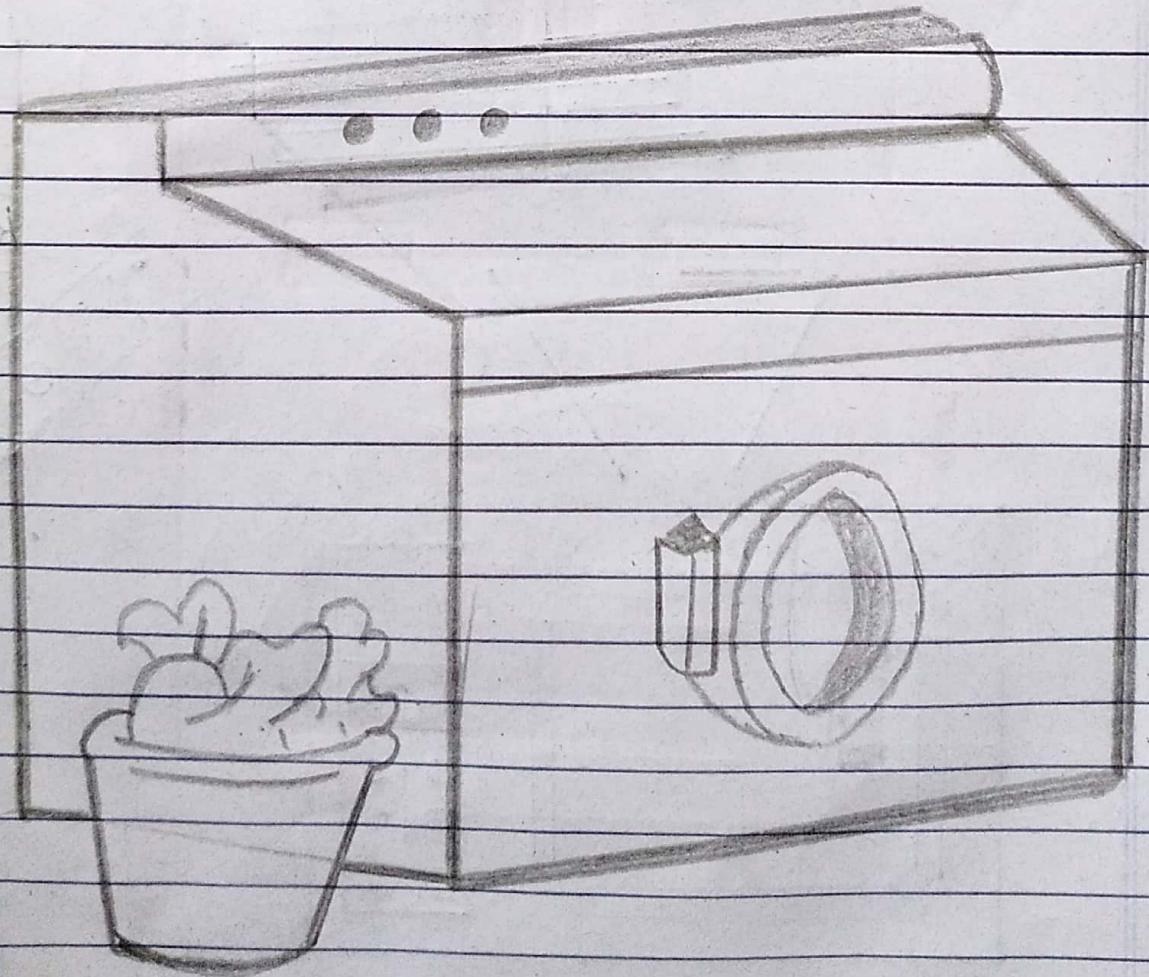


Remark

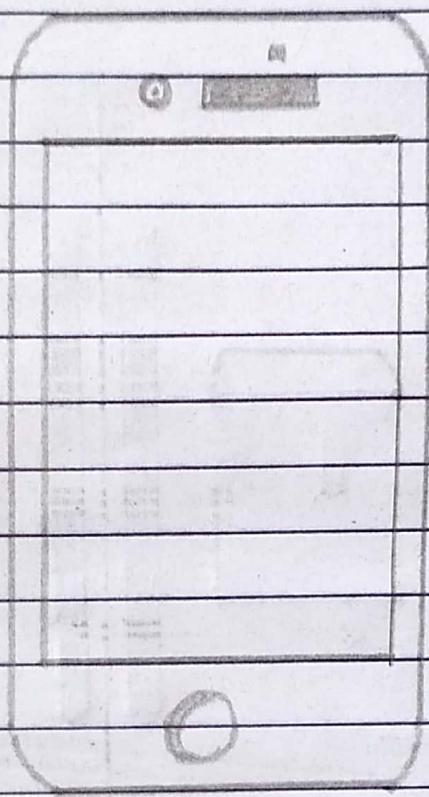
Aircondition C.A.C



Washing machine

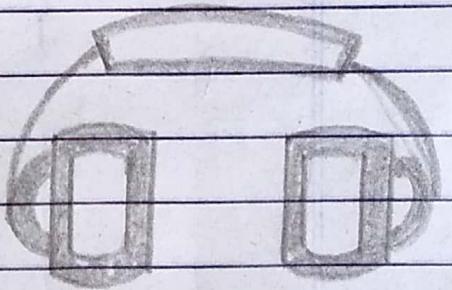
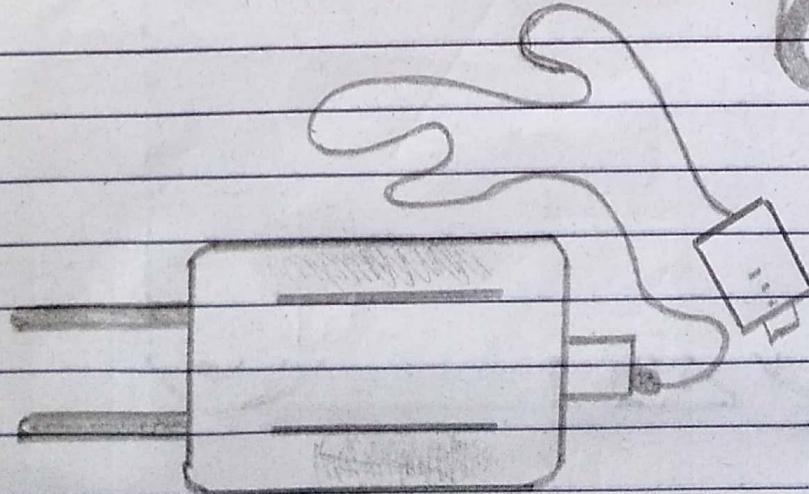


Mobile Phone

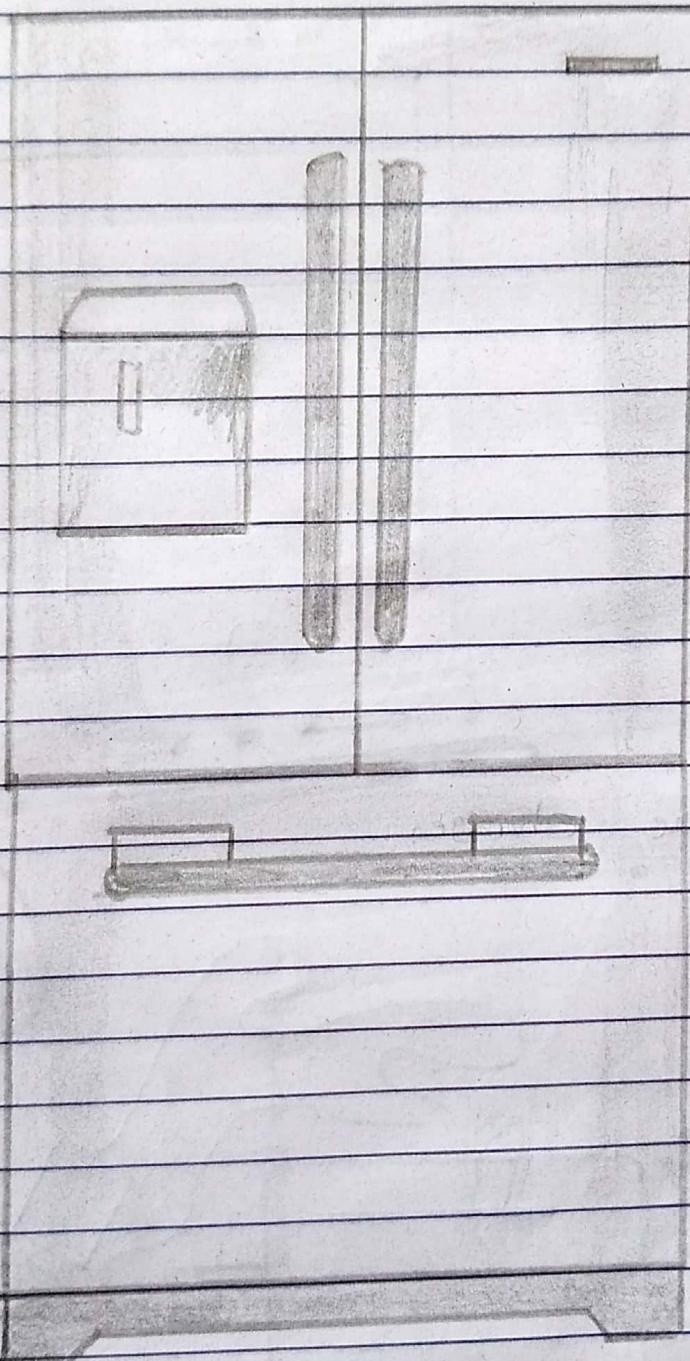


Headphones

mobile charger



Refrigerator



// Future Scope //

The Future Scope of this website can add more functionality like more security and easy to purchase. Add product video etc.

// Bibliography //

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