

Kamani Science & Pritaprai Arts Collage,

Amreli

A project report on,

Online Laptop Sales & Purchase

Year of Submission,

2020-2021

Saurashtra University,

Rajkot

Developed by,

Nandan bhuva
(Roll No : **3026**)

Guide by,

Mr. Vipul Baldha



Preface:

The dream of every computer science student is to develop a new product for the user, which is giving the experience to achieve their goals.

During the development of this project, I had great experience to faces the problems and also familiar to the various strategies, which can be applied in the development of the project.

In this project, different software engineering concepts have been implemented. I am thankful of having this project.

Acknowledgement

I am the student of BCA sem-3, studying in the Kamani science collage, Amreli. I would like to thanks the person, who helps me to understand the system and for this support the system and for his support to all the students.

I am heartily thanks to Mr. Vipul Baldha, who inspired me to develop the project. He also guides me to expand my ideas & thoughts.

At last, I would also like to thankful to our experienced faculties and the head of department to give the chance to present our innovations.

Thanks to our project guide Mr. Vipul Baldha, all faculty members and our respected head of department Mr. Rakesh Savaliya.

-Nandan bhuva

Index

No	Title	Page no
1	Introduction	5
2	Time Line Chart	6
3	Project Profile	7
4	Hardware Requirement	8
5	Software Requirement	8
6	Requirement Specification	9
7	Problem Definition	9
8	Project Planning & Scheduling	10
9	System Analysis	11
10	Project Page Structure	14
11	Data Dictionary	15
12	Data Flow Diagram	19
13	ER - Diagram	22
14	Use case Diagram	23
15	Activity Diagram	24
16	Screen Shot	26
17	Testing	-
18	Bibliography	28

Introduction

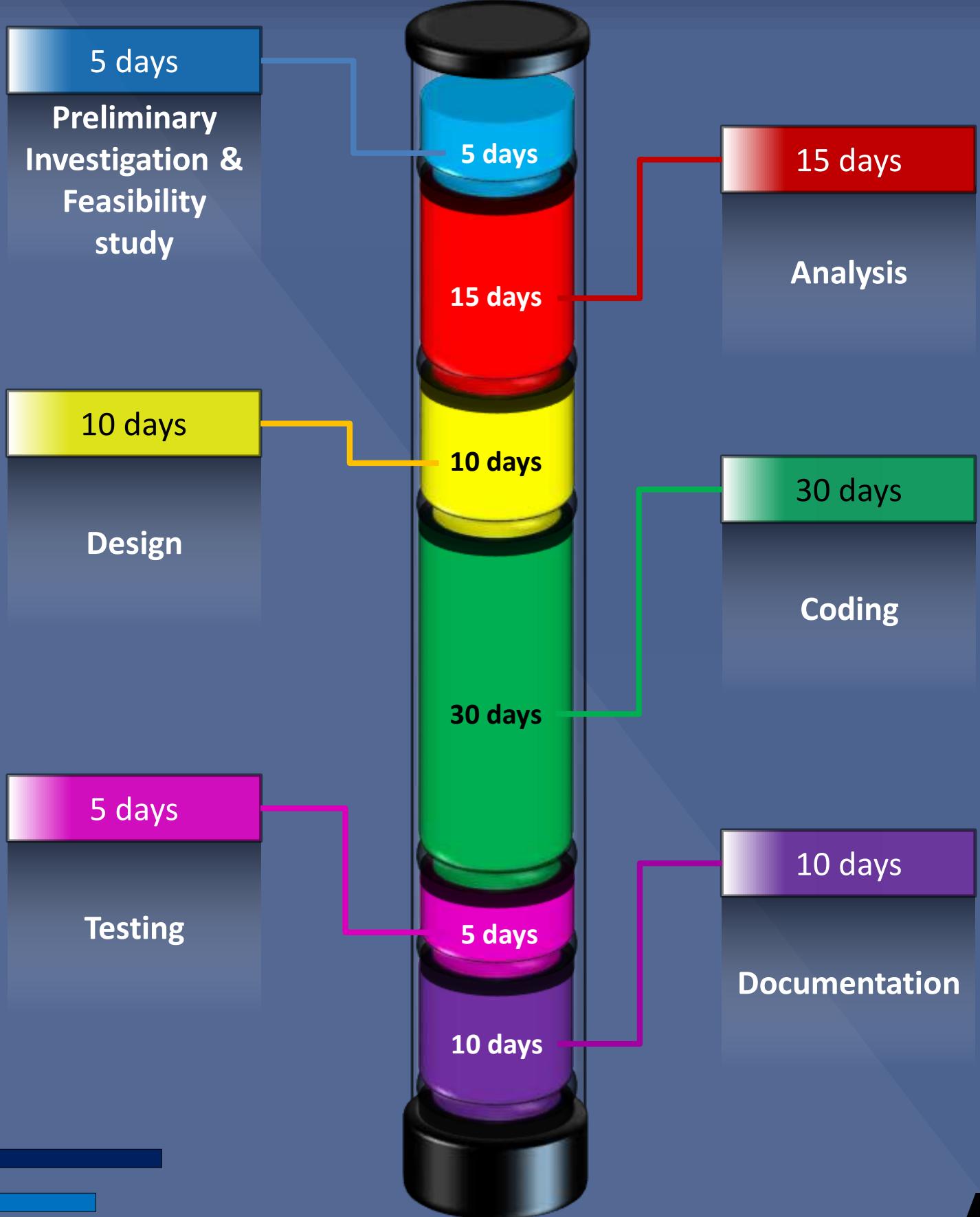
In our daily life we uses lot's of online sites based on social networking, digital marketing, entertainments, developing etc. one of them for business is the digital marketing.

People needs are increases day by day. By considering their needs we develop an online laptop selling and purchase system the customer will be able to purchase new laptops and also sell the laptops.

Customer will be able to see the specification, configuration, photos, videos, rating and also comments of the laptop which they wants to purchase. The system also provides other features like online payments, online billing and give rating of the laptop to the customers.

The online laptop selling & purchase system is not so complex so anybody can use the system very easily and customer saves their precious time.

Time Line Chart

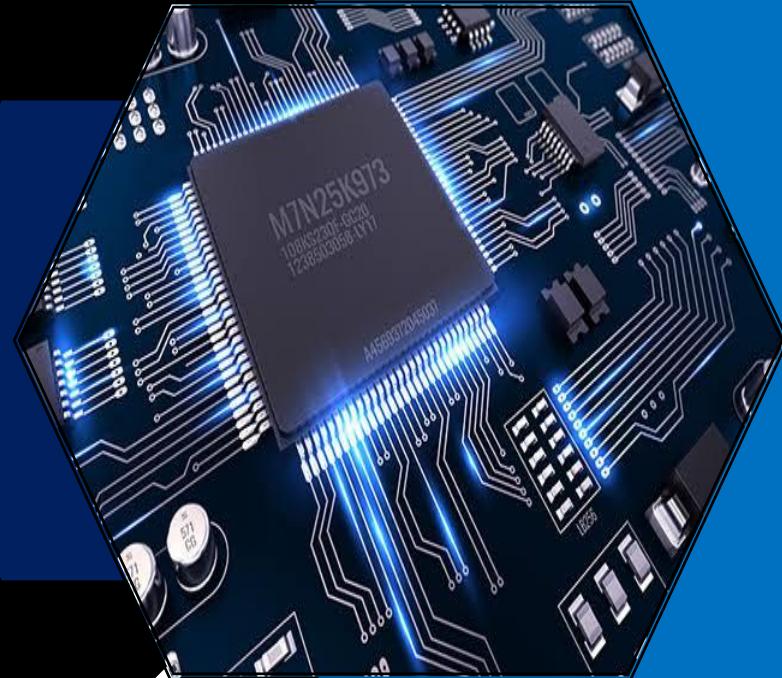


Project Profile

- **Project name** : Online Laptop sales and purchase.
- **Developed by** : Nandan bhuva
- **FrontEnd tool** : PHP, HTML, JavaScript, Dreamweaver
- **BackEnd tool** : MySQL
- **Operating System** : Microsoft Windows XP & Microsoft Window 7, 8, 10
- **Computer System** : Pentium-IV or Higher, RAM: 256 MB
- **Project Details** : This system manage all the information Of the product also manage stock detail, Transaction using different software Like my SQL
- **Completion Time** : 2.5 Months
- **Guide by** : Mr. Vipul baldha
- **Submitted by** : Saurashtra University, Rajkot

Hardware Requirement

- ❖ 1GB of RAM
- ❖ Multimedia Keyboard And Mouse
- ❖ 2.0+ GHz Processor
- ❖ Monitor



Software Requirement

- ❖ Operating System : Microsoft Windows XP & Windows 7 +
- ❖ Front End Tool : Html, Dreamweaver, JavaScript, Ajax & Php
- ❖ Back End tools : MySQL
- ❖ Documentation Tools : Microsoft Word 2020
- ❖ Browser specification : Google - Chrome



Requirement Specification

- ❖ MySQL RDBMS used to maintain the all concerned data.
- ❖ User special views to display modify and delete data.
- ❖ Display all types of data using classified reports with combinations of multiple data base table.
- ❖ Special searching of laptop in website.

Problem Definition

The problem in this website is does not purchase item that are 2years old and in poor condition.

- ❖ According to the new technology, it is difficult to find items that is three to four years old on this websites.
- ❖ The questions of stock and delivery can sometimes arise for new products.
- ❖ Trying to maintain search for duplicate or duplicate Products.

Project planning & Scheduling

Now a day's online shopping has become very easy and useful

We can order anything from the comfort of our own home.

- ❖ That's why this online websites has been created in which you can order items online from the comfort of your own home.
- ❖ You can make a purchase by looking at the product details, photos and videos in this website.
- ❖ With friends, I hope the project itself says more. The scheduling is given under.
- ❖ You can easily find new product information on this websites so that you are familiar with the latest technology.

System Analysis

System analysis is the process of indication of objectives and requirements, evaluation of alternative solutions and recommendation for a more feasible solution. In other words, system analysis is the step by step process of gathering, recording and interpreting facts. The main aim of analysis is to determine problem areas and to take solutions to reduce or eliminate them.

There are many factors that have caused the laptop market to explode with very fast growth over the last five years.

❖ **System analysis itself breaks into two stage:**

- Preliminary investigation / Feasibility study
- Detailed analysis

During analysis, data are collected from the available Files, decision points and transactions of the systems using Various tools like Data Flow Diagram (DFD).

Feasibility Study

A purpose of feasibility study is to check out the possibility of a computerize solution to the organization's observed problem before very much money that has been spent on.

A feasibility study is carried out to select the best system that meets performance requirements, only by spending the time to evaluate to feasibility do I reduce the chances for extreme embarrassment at later stage of the system project.

For the complete feasibility study I need to concentrate on following area.

❖ **They are of three types :**

- Technical
- Operational
- Economical

➤ **Technical :**

Technical feasibility consider whether the desired project can be completed within the framework of available technology. As our project was website designing, this was not much of a problem, as many advanced web-editing tools are available.

➤ **Operational :**

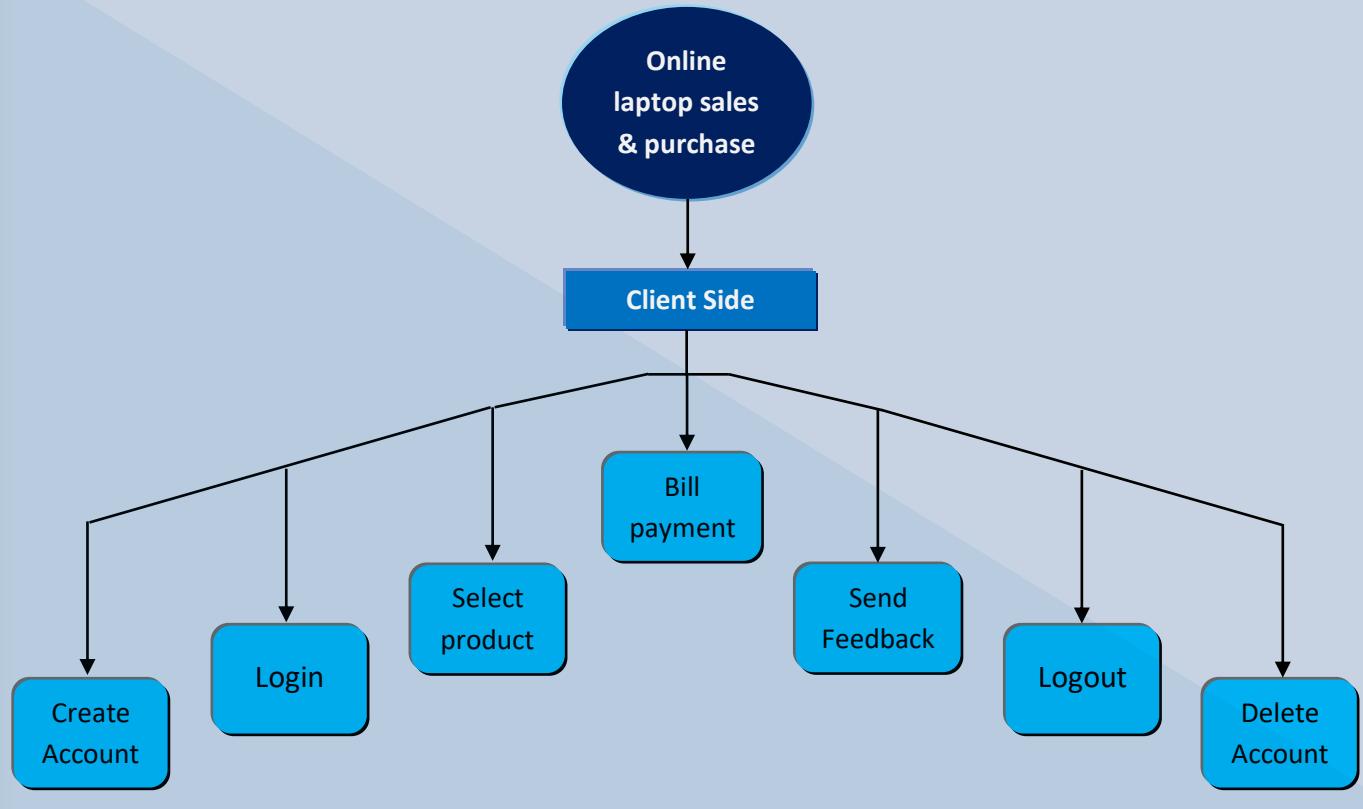
Operational feasibility was done assure that the product that would be developed would be used. Since a cards gifts has to have a website of its own sooner or later, that wasn't much of a problem.

➤ **Economical :**

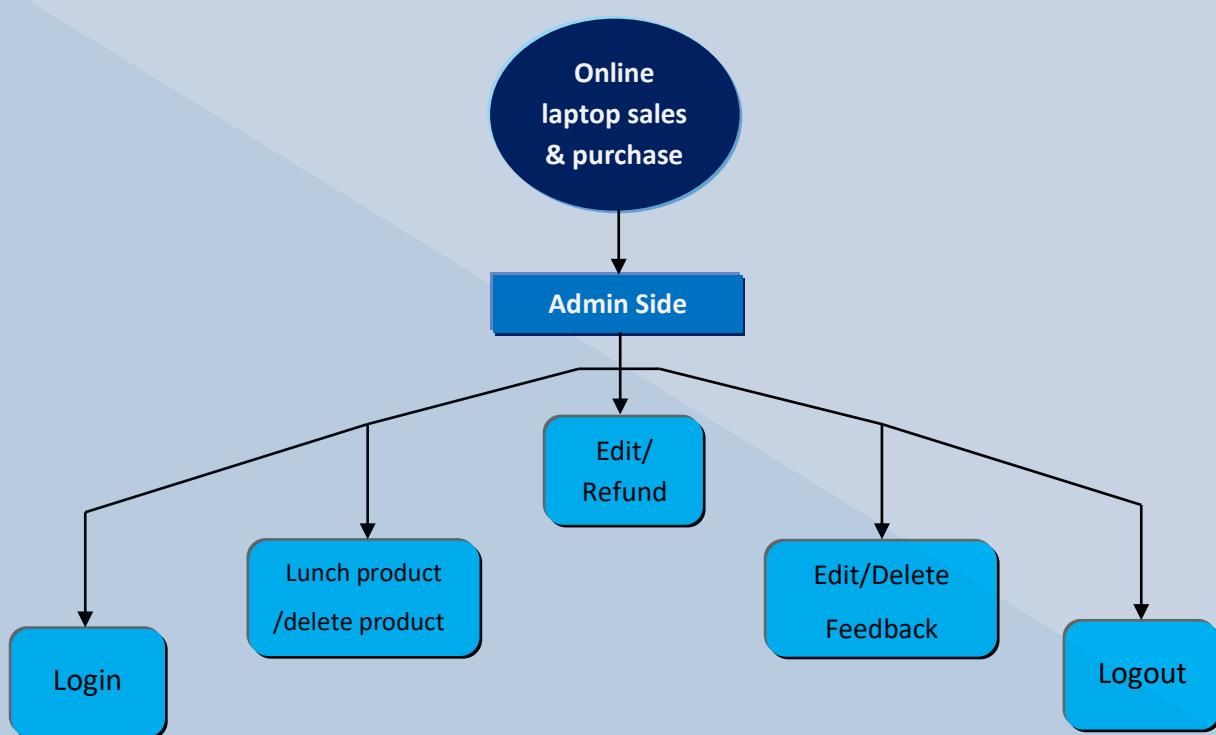
Our commercial website is economically feasible because, we have developed this website only for one time. only future enhancement is required on the other hand every client can view our site any time or many time as per their requirement. So the future economical expenses are null. So we can say that this website is totally economically feasible.

Project page structure

Client side :



Admin side :



Data Dictionary

The data Dictionary is a set of table. MySQL uses it to maintain information about his 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 : Olsap.sql

1. Login :

- This table is used to stores the information users need.

Field	Type	Null	Key
l_id	int(6)	No	Primary key
l_user_name	longtext	No	
l_user_id	int(6)	No	
l_email_id	longtext	No	
l_password	longtext	No	
l_mobile_no	int(10)	No	
l_address	longtext	No	
l_country	longtext	No	
l_state	longtext	No	
l_city	longtext	No	
l_gender	longtext	No	
l_up_date	Date	No	

2. Product :

➤ Use of this table stores information about the product provided to users.

Field	Type	Null	Key
P_product_id	longtext	No	Primary key
P_user_id	longtext	No	Foreign
P_product_name	longtext	No	
P_product_company	longtext	No	
P_category	longtext	No	
P_filename	longtext	No	
P_up_date	Date	No	
P_description	longtext	No	
P_qty_detail	longtext	No	
P_sellprice	int(6)	No	
P_costprice	int(6)	No	
P_discount	longtext	No	
P_profit_per	int(6)	No	

3. Cart :

➤ Use of this table generates an order for users to place orders.

Field	Type	Null	Key
C_user_id	int(6)	No	Foreign
C_product_id	int(6)	No	Foreign
C_pro_name	longtext	No	Foreign
C_pro_company	longtext	No	
C_category	longtext	No	
C_qty	longtext	No	
C_detail	longtext	No	Foreign
C_sellprice	int(6)	No	Foreign
C_discount	longtext	No	Foreign
C_date	Date	No	

4. Order :

➤ This table is used to accept and cancel orders placed by users.

Field	Type	Null	Key
O_id	int(8)	No	Primary key
O_product_id	int(6)	No	Foreign
O_qty	longtext	No	Foreign
O_detail	longtext	No	Foreign
O_sellprice	int(6)	No	Foreign
O_date	Date	No	Foreign
O_pay_amount	int(6)	No	
O_payment_type	longtext	No	
O_cancel_orders	char(1)		check(y,n),default n
O_time	time	No	

5. Order_detail :

➤ Use of this table stores information about user orders.

Field	Type	Null	Key
Od_detail_id	int(6)	No	Primary key
Od_user_name	longtext	No	Foreign
Od_user_id	int(6)	No	Foreign
Od_mobile_no	int(10)	No	Foreign
Od_address	longtext	No	Foreign
Od_country	longtext	No	
Od_state	longtext	No	
Od_city	longtext	No	
Od_date	Date	No	Foreign
Od_email_id	longtext	No	Foreign
Od_time	longtext	No	Foreign

6. Payment :

- This table is used to accept and return payments paid by users.

Field	Type	Null	Key
Pay_id	int(8)	No	Primary key
Pay_product_id	int(6)	No	Foreign
Pay_product_name	longtext	No	
Pay_Product_des	longtext	No	
Pay_price	int(6)	No	Foreign
Pay_order_id	int(6)	No	Foreign
Pay_user_id	int(6)	No	Foreign
Pay_user_name	longtext	No	
Pay_time	time	No	
Pay_date	Date	No	

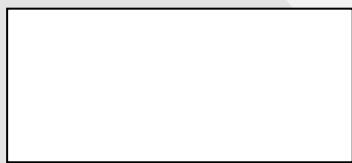
7. Feedback :

- This table is used to accept and delete feedback from users.

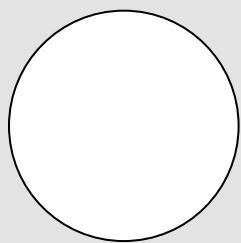
Field	Type	Null	Key
F_id	int(8)	No	Primary key
F_product_id	int(6)	No	Foreign
F_product_name	longtext	No	
F_user_id	int(6)	No	Foreign
F_user_name	longtext	No	
F_description	longtext	No	
F_rating	int(6)	No	
F_time	time	No	
F_date	Date	No	

Data Flow Diagram

The data flow diagram (DFD) gives brief idea on how the designed system is working it also suggests to us the type of users who using this system and the process involved in the system.



Represent Entity



**Represent a system
processing**

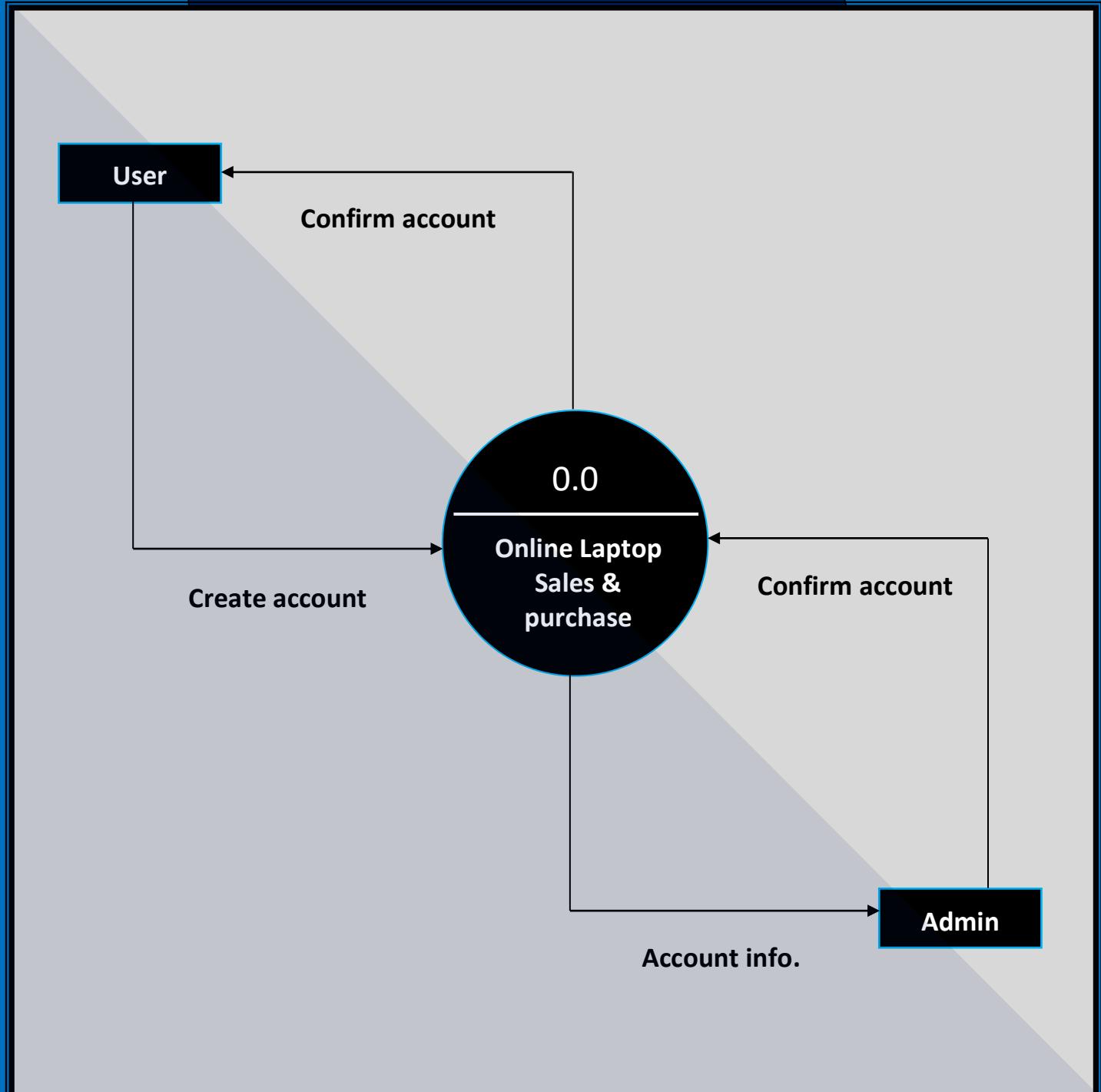


Represent Data Flow

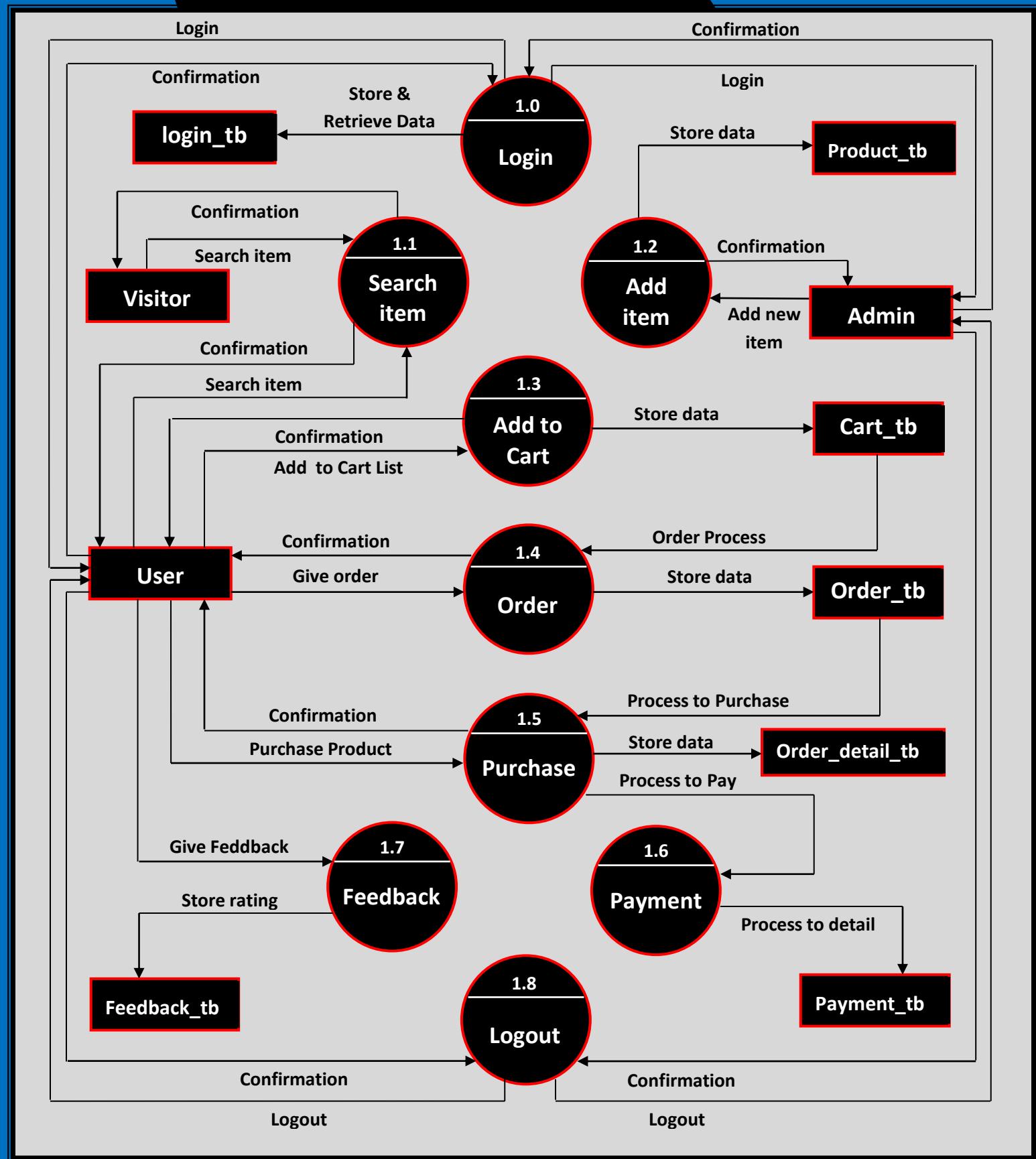


**Represent a data
store table**

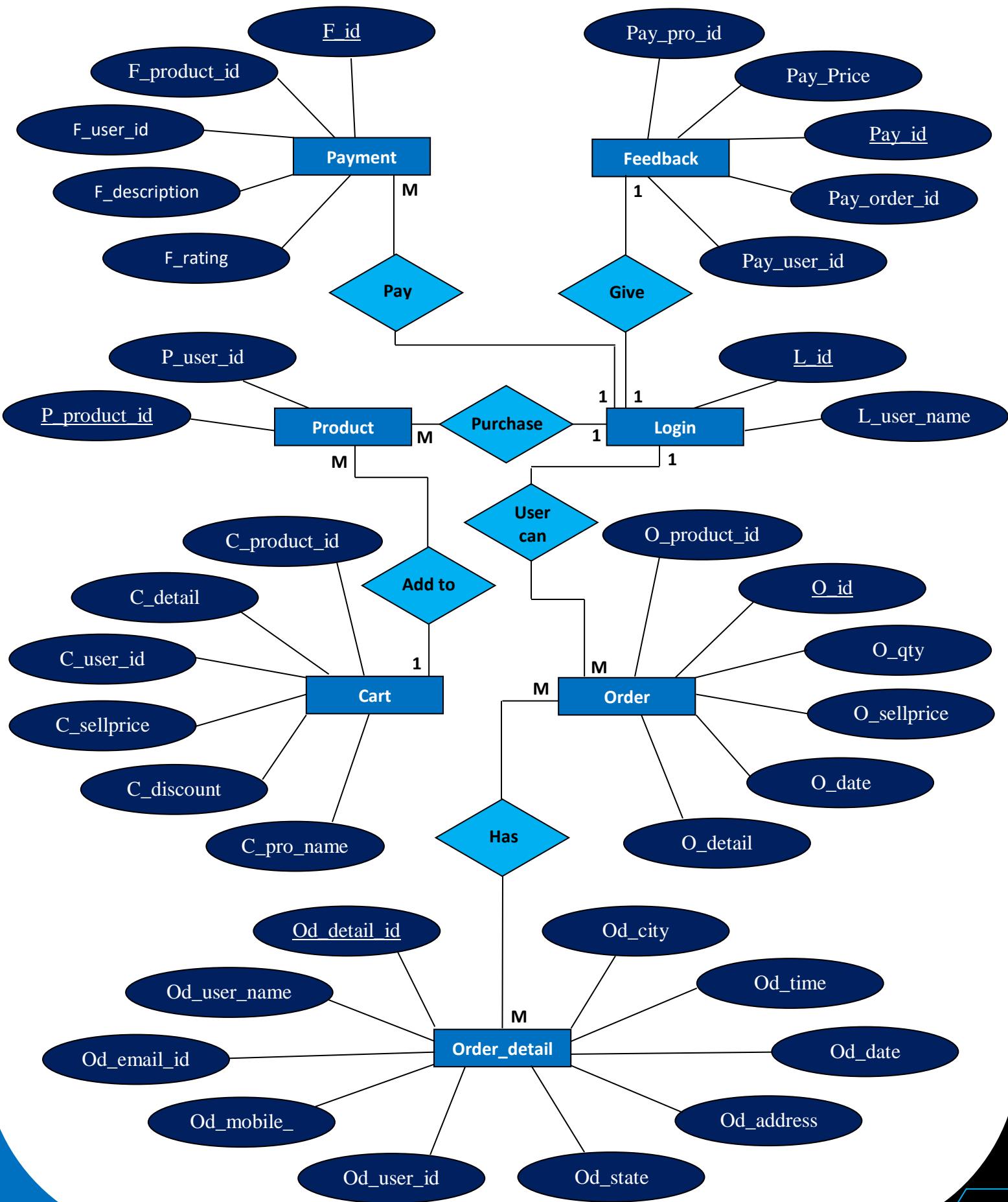
Context level Diagram



1st level Diagram

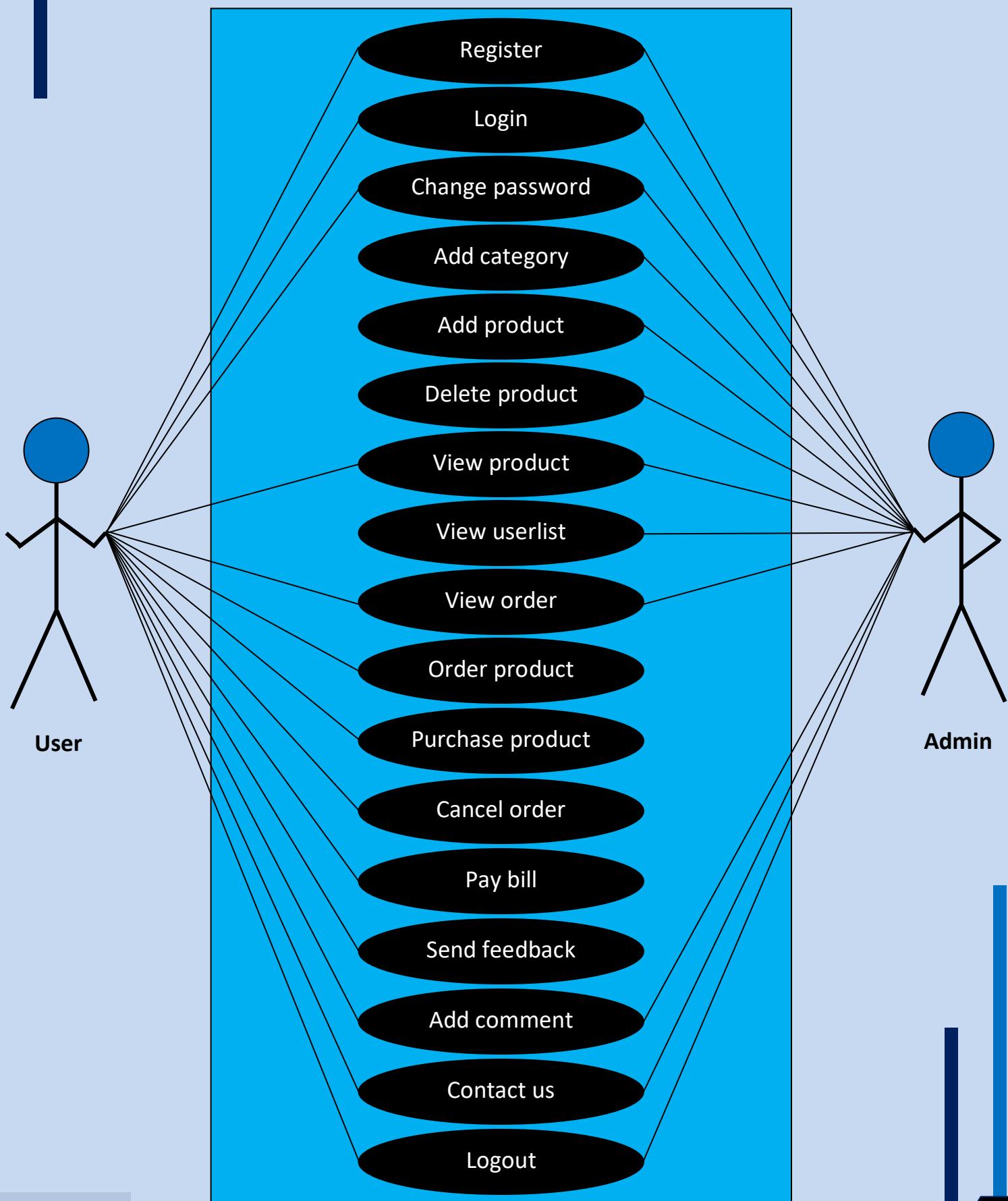


ER-Diagram



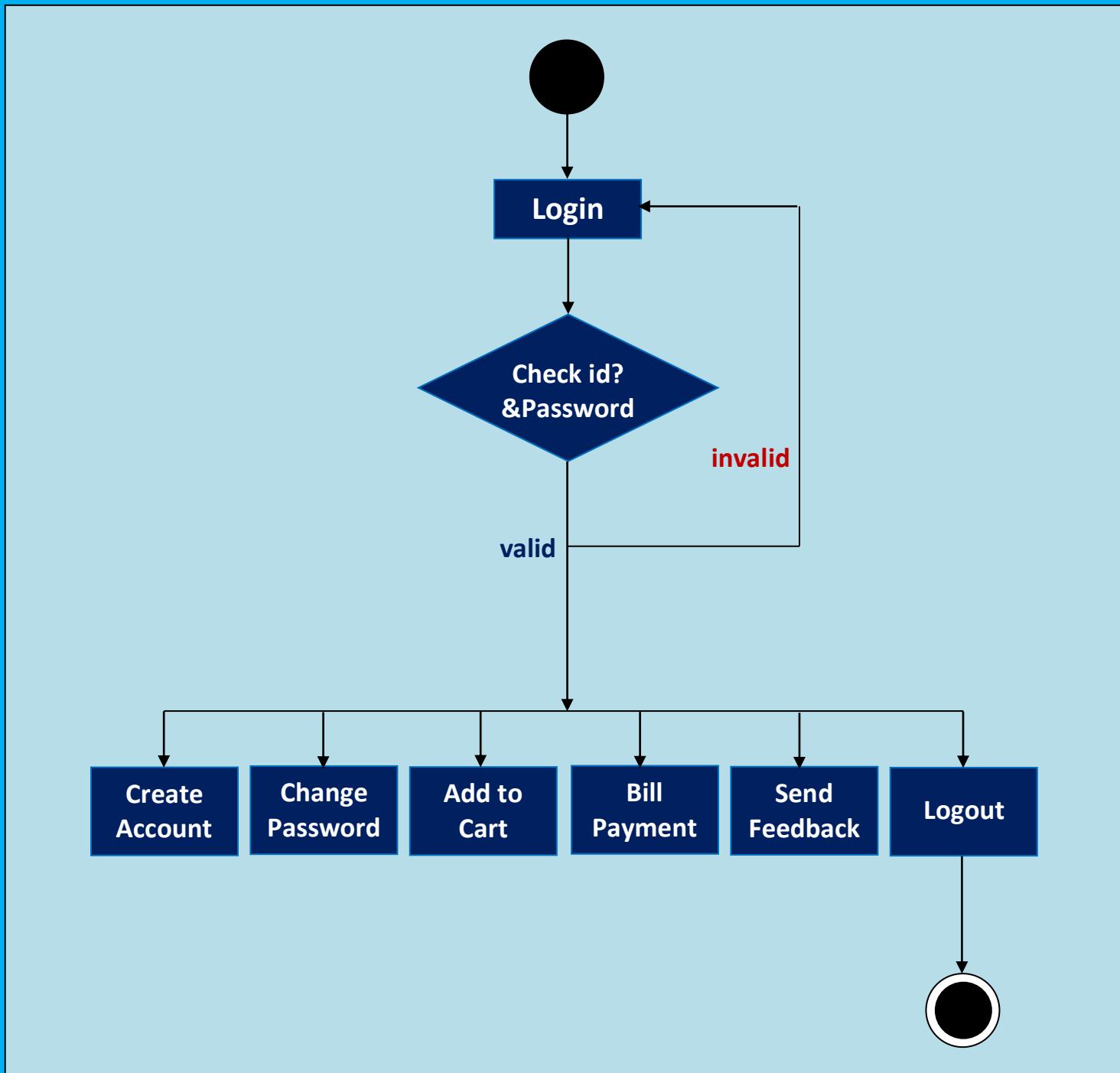
Usecase Diagram

[Online laptop sales and purchase]

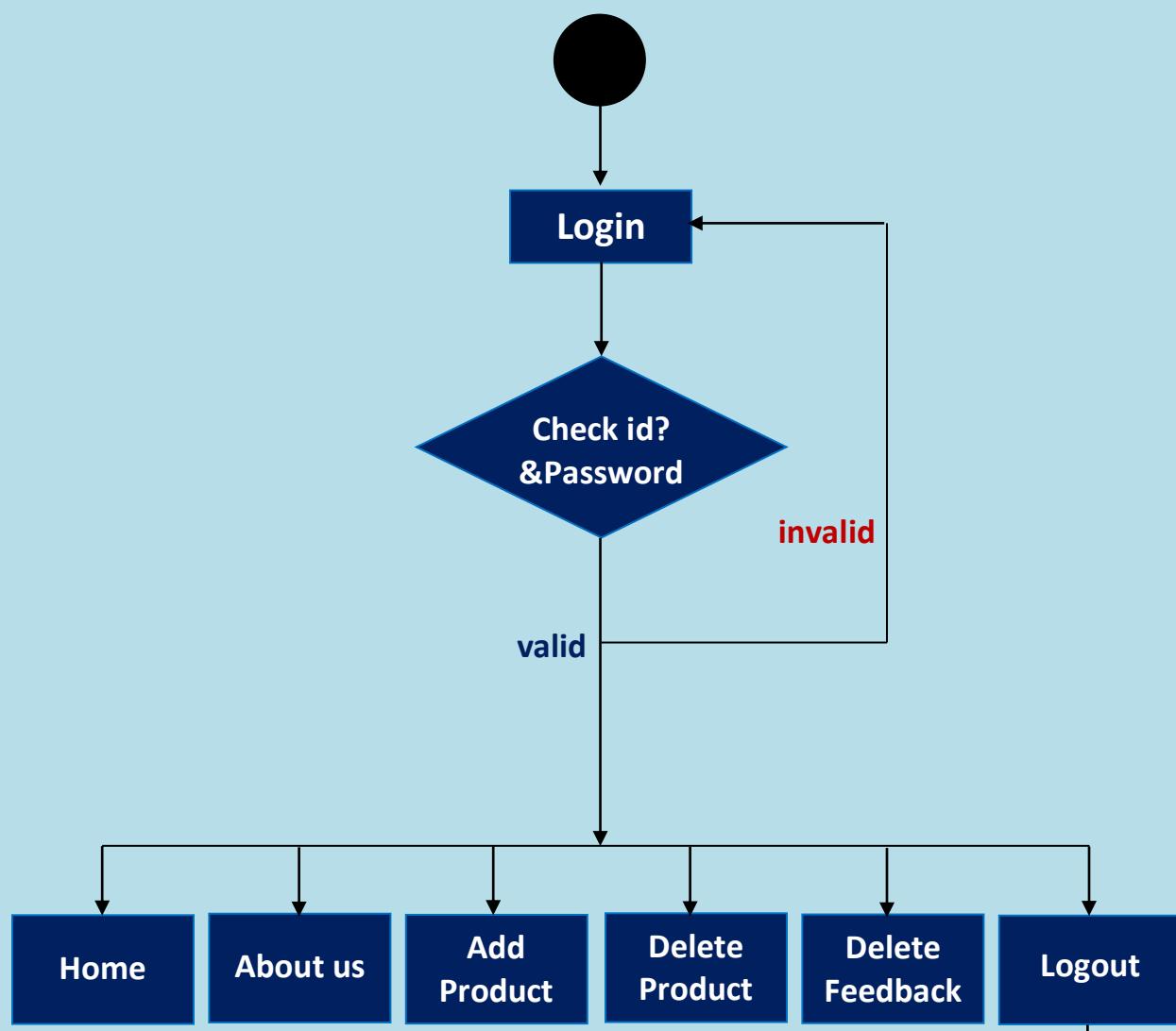


Activity Diagram

Client side



Admin side



Screenshot

Client side :

1. Home page :

The screenshot shows the homepage of a website for "Online laptop Sales & Purchase". The header features a logo with a red 'S' icon followed by the text "Online laptop Sales & Purchase". The navigation bar includes links for "Home" (which is underlined), "About", "Login", and a shopping cart icon. On the left, a sidebar menu lists "New items", "Old items", "Discount per 4 items" (which is highlighted with a red underline), and "Selling items". The main content area has a brown background with a blurred image of a laptop and a glass of water. At the top, it says "...Wellcome...!!" and "This web provide a new and latest laptop sale and free delivery provide in every users.". A search bar contains the placeholder "search for brands,items,Laptops" with a magnifying glass icon. A central callout box titled "Offers..!!" contains the following text:

- 30% Discount in old products
- 10% Discount in New products
- 5% Extra Discount for who Sales old products and purchase new products
- Up to \$50 cashback on purchase product abow \$500

Below the callout are social media icons for Facebook, Twitter, and Instagram. The footer contains the text "Created by Nandan bhuvva, From Ols&p.".

Admin side :

2.Home page :

The screenshot shows the Admin Home page of an online laptop sales and purchase website. The top navigation bar includes a logo, the site name "Online laptop Sales & Purchase", and links for "Home", "About", "Login", and a shopping cart icon.

The left sidebar contains the following menu items:

- Add New items
- Remove Old items
- Add & remove** (highlighted)
- Discount**
- Repair request for Selling items

The main content area features a blurred background image of a laptop and a glass of water on a desk. The text "!!..Wellcome Admin..!!" is displayed prominently. A search bar at the top right says "Add new description :". Below it is a search input field with placeholder text "Add search for brands,items,Laptops keywords." and a magnifying glass icon.

A central modal window titled "Offers..!!" contains fields for "Add offers" and "Add Discount", and a red button labeled "Add Extra Discount". At the bottom of this window is an "Update" button.

At the bottom of the main content area, there is a section for "Add links:" with icons for Facebook, Twitter, and Instagram.

At the very bottom of the page, a white footer bar displays the text "Created by Nandan bhuva, From Ols&p." in blue.

Future scope

The Future Scope of our website is to provide the more functionality and features .users can search products as he/she wish by different filters as and the site provides feedback facility. And the site provides feedback facility to the user.

Bibliography

- www.google.com



Online Laptop Sales
and Purchase

Thank you!!!