

Rayat Shikshan Sanstha's
Dada Patil College, Karjat



A
Project Report
On

"Online Shopping Portal"

Submitted in practical fulfillment of the requirement of the Degree
BBA (Computer Application)

Submitted By

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University of Pune, 2021-2022

PROJECT REPORT
ON

“Online Shopping Portal”
For
“Online Shopping System-karjat”
By
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SAVATRIBAI PHULE PUNE UNIVERSITY, PUNE
BACHELOR OF COMPUTER APPLICATION



DADA PATIL MAHAVIDYALAYA, KARJAT

Dist-AHMEDNAGAR-414402

2021-2022

Acknowledgement

A successful project work is a result of an organization and well- coordinated teamwork. I, there for feel obliged to extend my gratitude towards all these who made a valuable contribution throughout my training period.

I am extremely thankful to honorable principal **Dr.Bal Kamble** for inspiring me to gather professional knowledge and material without which it would have been impossible to complete this work .I take this opportunity to express my deep sense of gratitude and thanks to our head of department prof.**Mr.Salunke.R.B** and my project guide prof. **Miss.Shelake.C.A** and prof. **MR.Akshay Javane**for their inspiring and guide during course of project work.

Mr.Shinde Mohit Bapusaheb

DECLARATION

To,
The Principal,
Dada Patil Mahavidhyala, Karjat
Dist. Ahmednagar
PIN-414402

Respected Sir,

I am **Mr. Shinde Mohit Bapusaheb** hereby declare that the project entitles **“Online Shopping Portal”** developed and submitted under the guidance of and prof. **Miss.Shelake.C. A** and **Mr.Akshay Jawane** it is my original work.

The system presented here is my own work and has not been duplicated from any other sources.

Date: /01/2022

Place: KARJAT

Yours Sincerely

Mr.Shinde Mohit Bapusaheb

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1. Introduction:-

1.1) Purpose:-

- The Software is for the automation of Online shopping Management.
- It maintains Administrator Level.
- The Software includes:-
 - Maintain Customer detail.
 - Providing Multiple Product
 - Billing generation.

1.2) Scope:-

It can be used in any online shopping maintaining.

Customer detail and their test results.

1.3) Technologies to be used:-

This project will be a desktop Web application to be developed in HTML & CSS & JSP having MYSQL as backend.

- Database Design(MYSQL)
- From Design(HTML & CSS)
- Coding (jsp)
- Billing Tool(Tabular format)

1.4) Overview:-

Project is related to 'Online Shopping Portal .

The project maintains two levels of

users:-

Administrator Level-Customer

Main facilities available in this project are:-

- Maintaining records of all Customer.
- Maintaining records of all Product Item.
- Maintaining customer order, item detail.
- Providing billing details for all customers and Dealers.
- Maintaining backup of data as per requirements between.
 1. Related customer detail billing reports can be generated as per user requirement.

2. User or administrator can search a customer record by her name or their registration date.

2) Overall Description: -

2.1) Goals of proposed system: -

1) Planned approach towards working: -The working in the organization will be planned and organized. The data will be stores, which will help in retrievals of information as well as its storage.

2) Accuracy: -The level of accuracy in the proposed system will be higher. All operation would be done correctly and it ensures that whatever information is coming from the centre is accurate.

3) Reliability: -The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information.

4) No Redundancy:-In the proposed system almost care would be that no information is repeated anywhere, in the storage or otherwise. This would assure economic use of storage space and consistency in the data stored.

5) Immediate retrieval of information: -The main objective of proposed system is to provide for quick and efficient retrieval of information. Any type of information would be available whenever the user requires.

6) Immediate storage of information: -In manual system there are many problems to store the largest amount of information.

7) Easy to operate: -The system should be easy to operate and should be such that it can be developed within a short period of time and fit in the limited budget of the user.

2.2) Background: -

A Online Shopping is a place where customer comes up for product Item. Online Web Application provides facilities like: -

- Recording information about the customer that comes.
- Recording information about the product that comes in the shop.
- Keeping information about the customer Order.
- Keeping information about the store record in product.

- Store record in the shop All type of Product item.
- Store information in the billing of customer.
- Keeping information about the shop Item stock.
- Keeping information about the billing of customer.

All this work and use is done manually by the Admin and other Customer.

2.3) Project Requirement:-

Hardware Requirement		
Processor	RAM	Hard disk Space
Dual Core	350MB	1GB

Software Requirement		
Operating System	Database Server	Front End
Window 10, Linux, window8	MYSQL	HTML & CSS

2.4) User Characteristics: -

Every user should be:

- Comfortable of working with computer.

- He must have knowledge in Online web Application field.
- He must also have basic knowledge of English to.

2.5) Constraints: -

- GUI is only in English.
- Login and password is used for identification of user and there is no facility for guest.

2.6) Definition of problem: - Problems with conventional system

- 1) Lack of immediate retrievals:** -The information is very difficult to retrieve and to find information like. E.g.-To find out about the customer's history, the user has to go through various registers. This results in inconvenience and wastage of time.
- 2) Lack of immediate information storage:**-The information generated by various transactions takes time and efforts to be stored & shop at right place.
- 3) Lack of prompt updating:** -Various changes to information like customer details, Product Item to make as paper work is involved.
- 4) Error-prone manual calculation:** -Manual calculation is error-prone and takes a lot of time this may result in incorrect information. For example, calculation of customer's bill based on various Item.
- 5) Preparation of accurate and prompt reports:**-This becomes a difficult task as information is difficult to collect from various register.

2.7) Alternative Solution: -

- 1) Improve Manual System:**-One of the alternative solutions is the improvement of the manual system. Anything, which can be done by using automated methods, can be done manually. But the question arises

how to perform thing manually in a sound manner. Following are some suggestions, which can be useful in the manual system.

A more sophisticate register maintained for various customer information, Products detail and good system for writing bill amount and stock available for the customers can be maintained at central place.

Adequate staff may be maintaining so that updates are made at every movement at the same time. Proper person for proper work should be made responsible so that a better efficiency could be achieved. This needs a lot of work force.

2) Batch System: - Another alternative solution can be used of computer-based batch system for maintaining the information regarding purchase details, customers. A batch system refers to a system in which data is processed in a periodical basis.

The batch system is able to achieve most of the goals and sub goals. But a batch system data is processed in sequential basis. Therefore, batch system is not suggested.

3) Feasibility Study:-

Depending on the results of the initial investigation the survey is now expanded to a more detailed feasibility study. “**Feasibility Study**” is a test of system proposal according to its work ability, impact of the origination, ability to meet needs and effective use of resources. It fuscous on these major questions:

- 1) What are the user’s demonstrable needs and how does a candidate system meet them?
- 2) What resources are available for given candidate system?
- 3) What are the likely impacts of the candidate system on the origination?
- 4) Whether it is worth to solve the problem?

During feasibility analysis for this project, following primary areas of interest are to be considered. Investigation and generating ideas about a new system does this.

Steps in feasibility analysis:-

Eight steps involved in the feasibility analysis are:

- From a project team and appoint a project leader.
- Prepare system flow chart.
- Enumerate potential proposed system.
- Define and identify characteristics of proposed system.
- Determine and evaluate performed and cost effective of each proposed system.
- Weight system performance and coast data.
- Select the best-proposed system.
- Prepare and report final project directive to management.

3.1) Technical feasibility: -

A study of resource availability that may affect the ability to achieve an acceptable system. This evaluation determines whether the technology needed for the proposed System is available or not

- Can the work for the project be done with current equipment existing software technology & available personal?
- Can the system be upgraded if develop?
- If new technology is needed, then what can be developed?

This is concerned with specifying equipment and software that will successfully satisfy.

The user requirement. The technical needs of the system may include:

Front-end and Back-end selection: -

An important issue for the development of a project is the selection of suitable front-end and back-end. When we decided to develop the project we went through an extensive study to determine the most suitable platform that suits the needs of the organization as well as help in development of the project. The aspects of our study included the following factors.

Front-end selection: -

- 1) It most has a graphical user interface that assist Customer that are not from IT.

- 2) Scalability and extensibility.
- 3) Flexibility.
- 4) Robustness.
- 5) According to the organization requirement and the culture.
- 6) Must provide excellent reporting features with good printing support.
- 7) Platform independent.
- 8) Easy to debug and maintain.
- 9) Event driven programming facility.
- 10) Front-end must support some popular back-end like MYSQL.

Back-end Selection: -

- 1) Multiple user support.
- 2) Efficient data handling.
- 3) Provide inherent feature for security.
- 4) Efficient data retrieval and maintenance.
- 5) Stored procedure.
- 6) Popularity.
- 7) Operating System compatible.
- 8) Easy to operating.
- 9) Various drivers must be available.
- 10) Easy to implant with the front-end.

According to above stated features we selected MYSQL as the back-end.

The technical feasibility is frequently the most difficult area encountered at this stage. It is essential that the process of analysis and definition be conducted in parallel with an assessment to technical feasibility. It centers on the existing computer system (hardware & software) and to what extent it can support the proposed system.

3.2) Economical System:-

- 1) Economic justification is generally the “Bottom Line” consideration for most system.
- 2) Economic justification includes a broad range of concerns that includes cost benefit analysis. In this weight the cost and the benefits associated with the candidate system and if it suits the basic purpose of the organization i.e. profit making the project is making to the analysis and design phase.
- 3) The financial and the economic questions during the preliminary investigation are verified to estimate the following:
 - The cost to conduct a full system investigation.
 - The cost of hardware and software for the class of application being considered.
 - The benefits in the form of reduce code.
 - The proposed system will give the minute information, as a result the performance is improved which in turn may be expected to provide increase profits.
 - This feasibility checks whether the system can be developed with the available funds.

3.3) Operational feasibility:-

It is mainly related to human organizations and political aspects. The points to be considered are:

- What changes will be brought with the system?
- What organization structures are disturbed?
- What new skills will be required? Do the existing staff members have these skills? If not, can they be trained in due course of time?

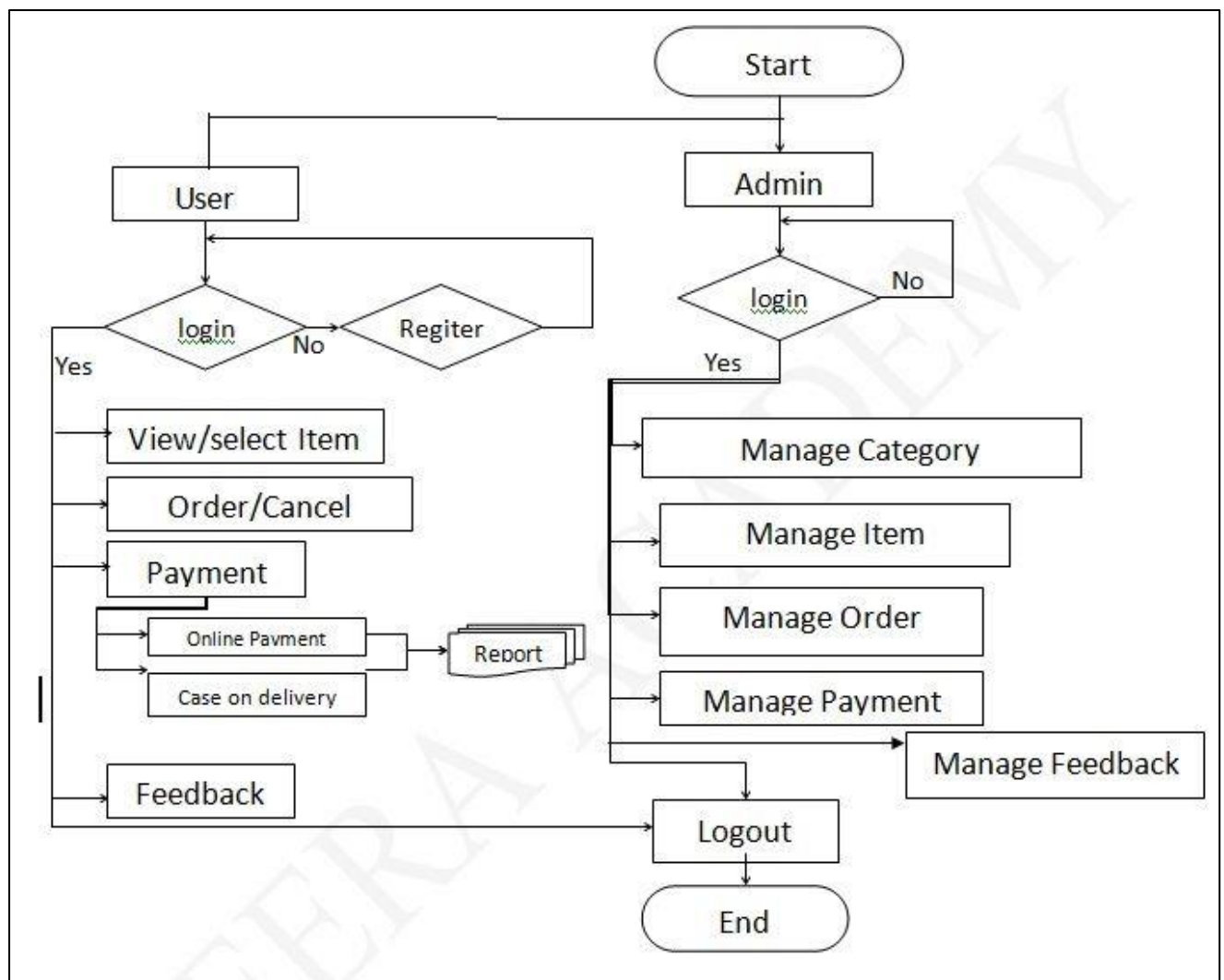
The system is operationally feasible as it very easy for the end users to operate it. It only needs basic information about windows platform.

3.4) Schedule feasibility:-

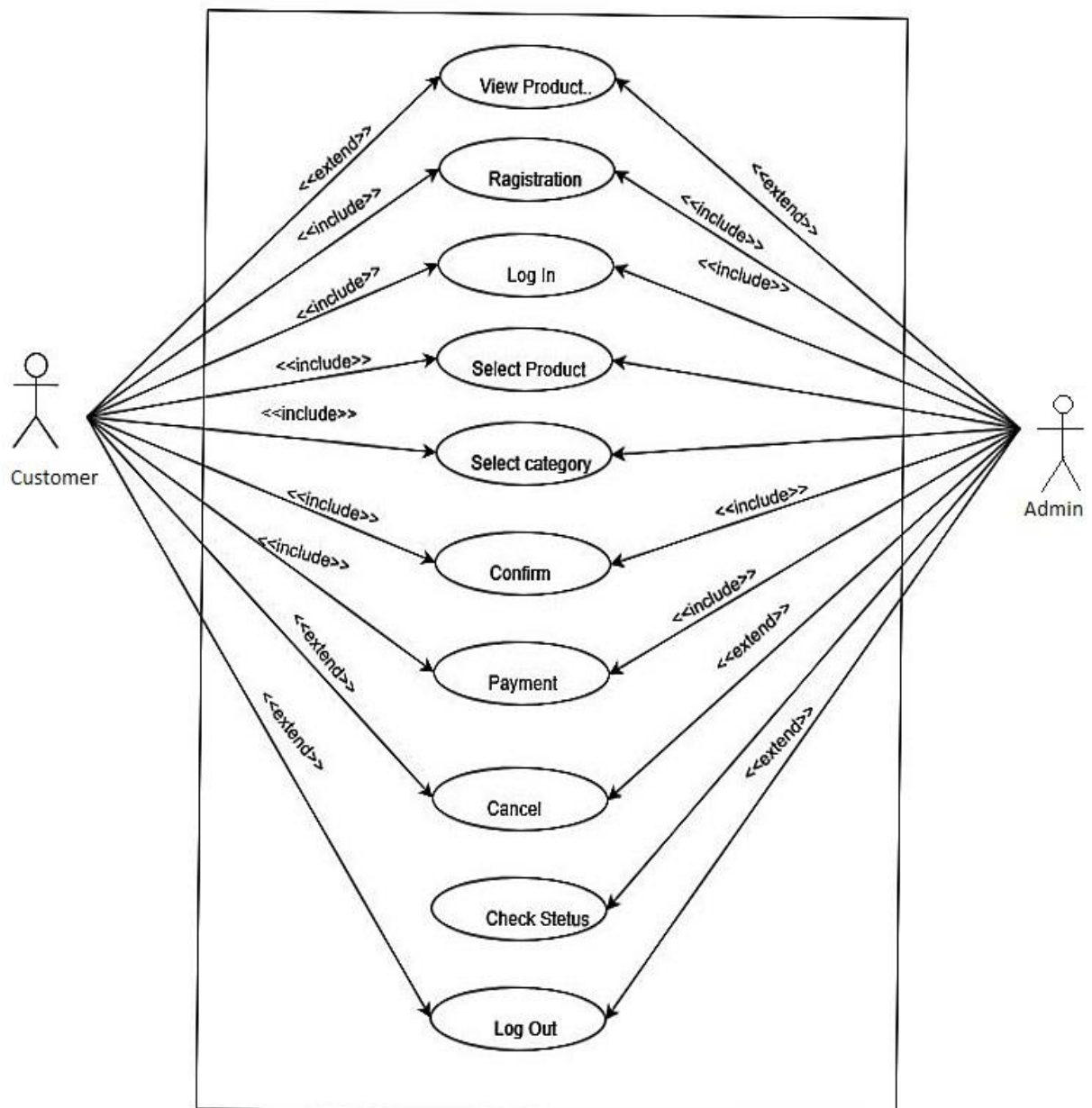
Time evaluation is the most important consideration in the development of project. The time schedule required for the developed of this project is very important since more development time effect machine time, cost and cause delay in the development of other system. A reliable “**Online Shopping Portal**” can be developed in the considerable amount of time.

ANALYSIS & DESIGN

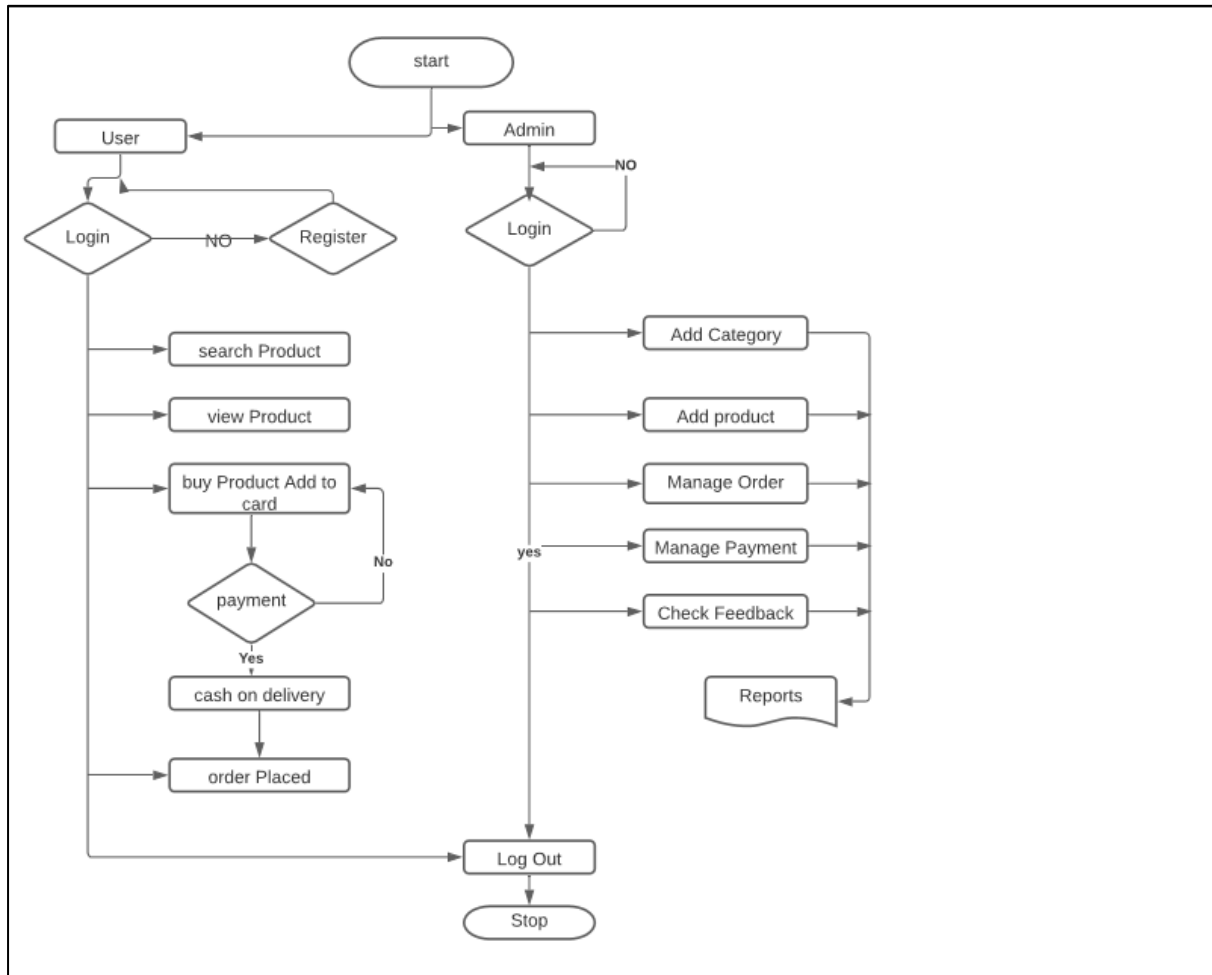
Flowchart of System::



Use case Diagram::



Activity Diagram::



Class Diagram:

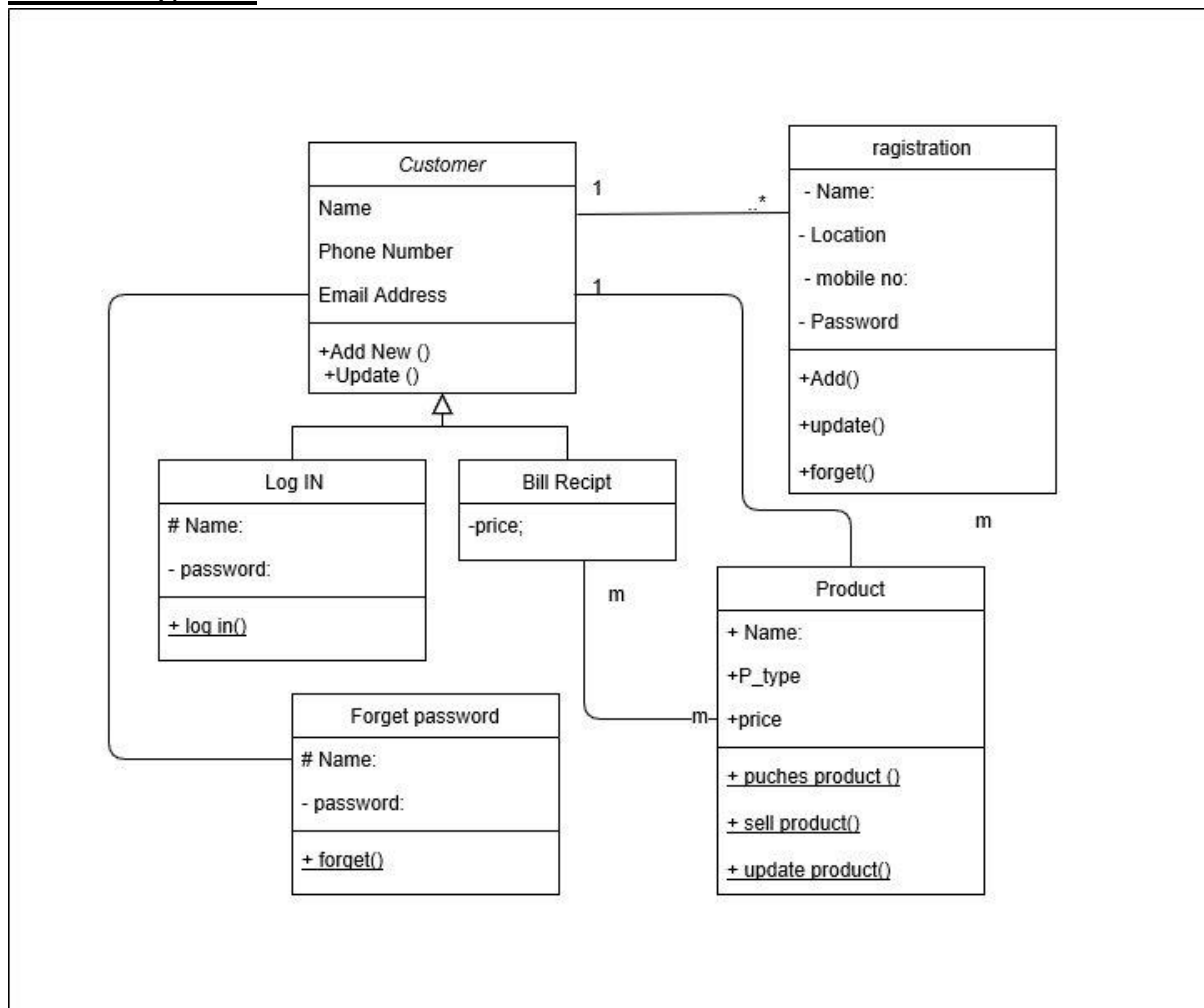


Table specifications (Database design)

_1) User Detail Table: -

Field	Data type	Constraint	Description
User name	Text	Foreign key	Provide User Name
Address	Text		User Address
D.O. B	Text		User Birth Date
Mobile No	Text		User Mobile No
Email id	Text		User Email Address
Password	Text		User Password

2) Sell Product Table: -

Field	Data type	Constraint	Description
Brand	Text	Foreign Key	All Product details
Title	Text		Specific Product details
Description	Text		Product Description
Price	Text		Product price information
Image1	Text		Product Image source
Image2	Text		Product Image source

3)Purchase Table Detail: -

Field	Data type	Constraint	Description
Brand	Text	Foreign Key	All Product details
Title	Text		Specific Product details
Description	Text		Product Description
Price	Text		Product price information
Image1	Text		Product Image source
Image2	Text		Product Image source
Image3	Text		Product Image source

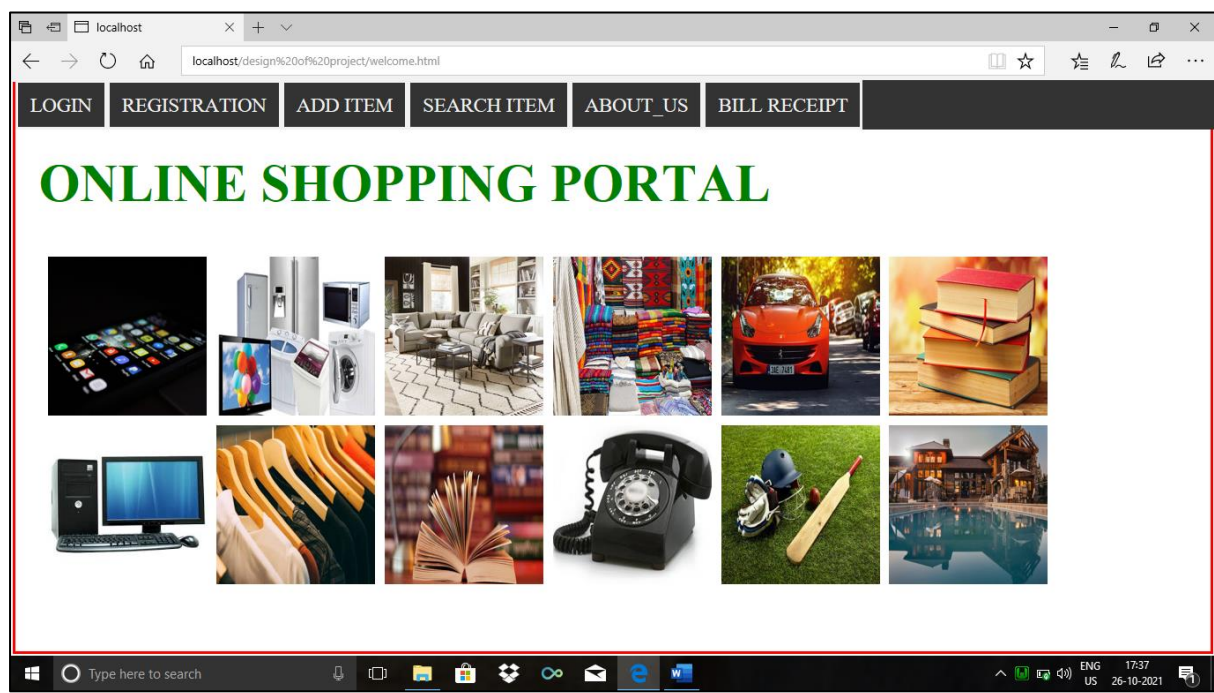
4)User Bill Details: -

Field	Data type	Constraint	Description
User Name	Text	Foreign key	User Name
Location	Text	Foreign key	User Location

Product Name	Text	Foreign key	Related product information
Price	Text	Foreign key	Product price
Mobile no	Text	Foreign key	User mobile NO

User Interface Screens

Home Screen:



Login Screen:

The screenshot shows a web browser window with the address bar displaying 'localhost/design%20of%20project/login1.html'. The page has a navigation bar with a 'HOME' link. The main heading is 'ONLINE SHOPPING PORTAL' in green. Below it is a 'LOG IN' section in red. The login form includes fields for 'USER NAME' and 'PASSWORD', followed by 'LOG IN' and 'RESET' buttons. At the bottom of the login section are links for 'REGITRATION' (misspelled) and 'Forgot Password'. The Windows taskbar at the bottom shows the date as 26-10-2021 and time as 17:37.

HOME

ONLINE SHOPPING PORTAL

LOG IN

USER NAME

PASSWORD

[REGITRATION](#)

[Forgot Password](#)

Registration:

The screenshot shows a web browser window with the address bar displaying 'localhost/design%20of%20project/ragistration.php' (misspelled). The page has a navigation bar with 'HOME' and 'LOGIN' links. The main heading is 'ONLINE SHOPPING PORTAL' in green. Below it is a 'CREATE A NEW ACCOUNT' section. The registration form includes fields for 'USER NAME', 'LOCATION', 'MOBILE NO', 'EMAIL ID', and 'PASSWORD', followed by a 'SING UP' button (misspelled). The Windows taskbar at the bottom shows the date as 26-10-2021 and time as 17:37.

HOME

LOGIN

ONLINE SHOPPING PORTAL

CREATE A NEW ACCOUNT

USER NAME

LOCATION

MOBILE NO

EMAIL ID

PASSWORD

4) Forget Password Page: -



[HOME](#)

[LOGIN](#)

FORGOT PASSWORD

USER NAME

PASSWORD

CONFIRM

RESET



6) Select Category Page:-



[HOME](#)

SELECT CATEGORY



[HOME DECOR](#)



[MOBILES](#)



[BIKE](#)



[CARS](#)



[BOOKS](#)



[ELECTRONICS](#)



[COMPUTER](#)



[FURNITURE](#)



[CLOTH](#)



[SPORT](#)

<http://localhost/design%2520of%2520project/sell.html>



7) Add Item page:-

localhost

localhost/design%20of%20project/sell.html

[HOME](#)

ONLINE SHOPPING PORTAL

ADD ITEAM

PRODUCT NAME

ITEAM NAME

PRODUCT DESCRIPTION

PRICE

IMAGE

Type here to search

ENG US 17:38 26-10-2021

8) Search Parches Product Page: -


localhost

localhost/design%20of%20project/purches.php

[HOME](#)


ONLINE SHOPPING PORTAL

* Search Here...



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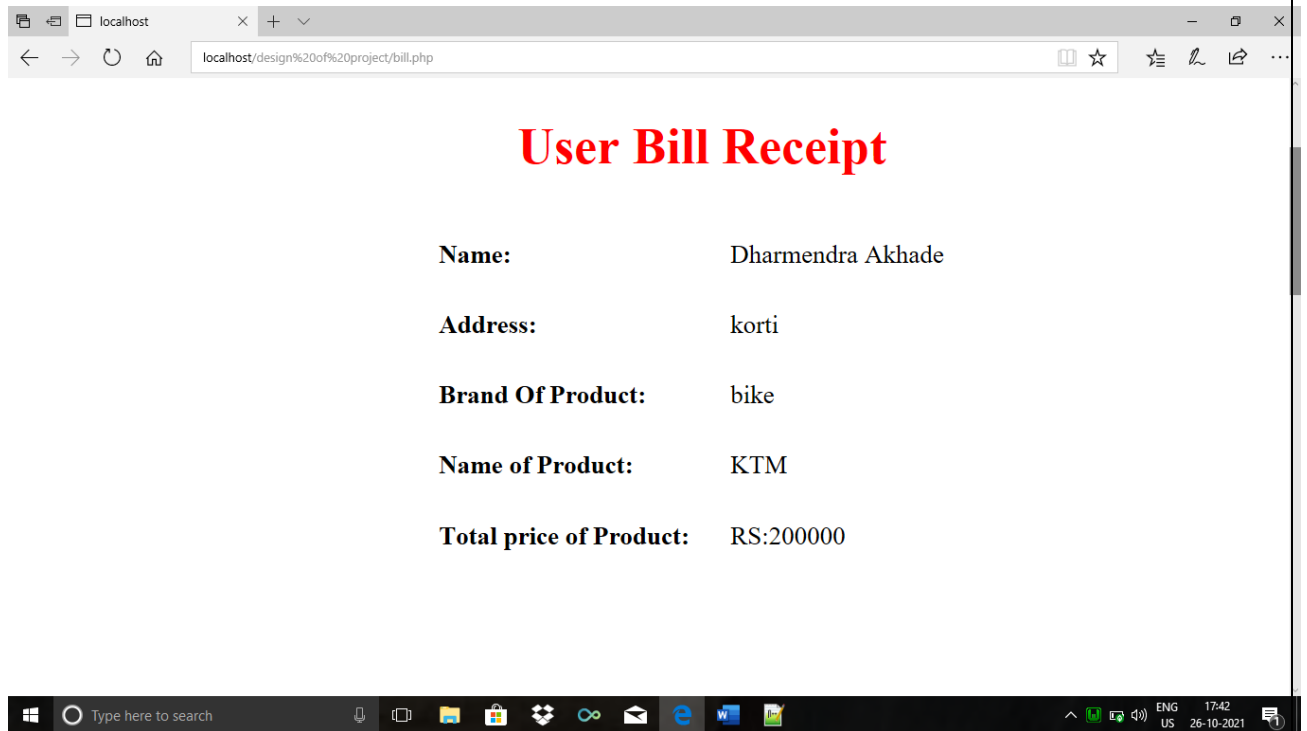
[BUY](#)



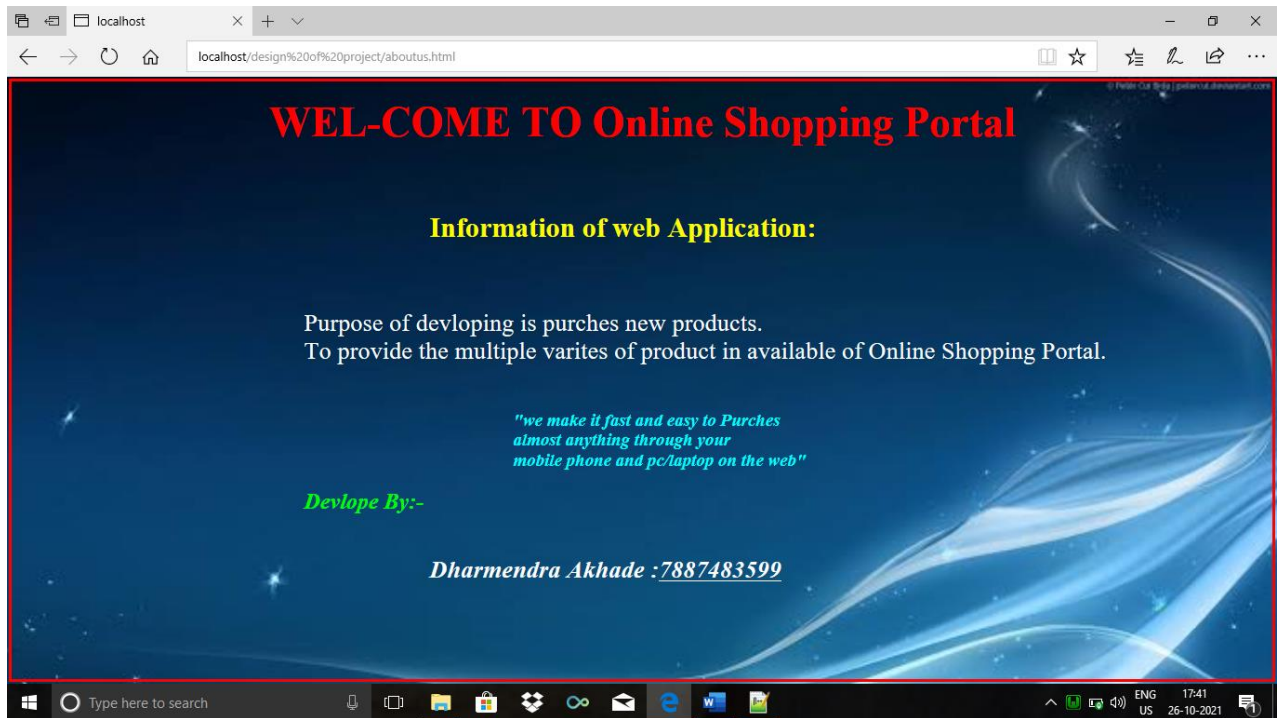
Type here to search

ENG US 17:38 26-10-2021

10) User Bill Receipt Page:-



12) About Us Page: -



Limitations and Bibliography

As every project or each site is not fully complete like that this smart sale shopping site unable to send email and sms notification of shopping to user.

