

ACKNOWLEDGEMENT

We are pleased to present **“E-commerce Shopping System”** project and take this opportunity to express our profound gratitude to all those people who helped us in completion of this project.

We express our deepest gratitude towards our project guide for valuable and timely advice during the various phases in our project. We would also like to thank our guide for providing us with all proper facilities and support as the project co-coordinator. We would like to thank her for support, patience and faith in our capabilities and for giving us flexibility in terms of working and reporting schedules.

We would like to thank all our friends for their smiles and friendship making the college life enjoyable and memorable and family members who always stood beside us and provided the utmost important moral support. Finally, we would like to thank everyone who has helped us directly or indirectly in our project.

We thank our college for providing us with excellent facilities that helped us to complete and present this project. We would also like to thank the staff members and lab assistants for permitting us to use computers in the lab as and when required.

INTRODUCTION

Shopping has long been considered a recreational activity by many. Shopping online is no exception. The goal of this application is to develop a web based interface for Customer to order and purchase the products by sitting at home. The system would be easy to use and hence make the shopping experience pleasant for the users.

The “**E-commerce Shopping System**” has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminated and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

No formal knowledge is needed for the user to use this system. Thus the application is user-friendly. Ecommerce shopping System, as described above, can lead to error free, secure, reliable and faster management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping, Thus it will help organization in utilization of resources.

Every organization, weather big or small, has challenges to overcome and managing the information of customers, product, order, Type, payment, every Ecommerce Shopping System has different product needs, therefore we design exclusive product management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your goals.

ABSTRACT

The purpose of e-commerce shopping System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, full-filling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

E-commerce Shopping System, as described above, can lead to error free, secure, Reliable and fast management system. It can assist the user to concentrate on them other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized record without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by developing web-application using which user can search the products and add the products to the cart and there by order the products.

OBJECTIVE

The E-commerce Shopping System is a web-based application. The purpose of the application is to automate and facilitate the whole process of shopping. This application fixes the limitation and problems of paper based processes. 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. By this system we can advertise and send procure to a lot of customer by sending email.

The main objective of the Project on E-commerce Shopping System is to manage the details of Products, Customers, Stocks, Orders, Payments. It manages all the information about Product, Type, Payment, Products. The project is totally built at administrative end and thus, only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Product, Customer, Type, Stock. It tracks all the details about the Stock, Order, Payment, etc.

SCOPE

The **scope of ecommerce** is expanding day by day due to the heavy number of internet users all over the world. People are spending more time in doing online shopping for various products available on the ecommerce platforms.

Ecommerce offers items in almost every category to all the users. Additionally, It also provides the best promotion and discounts whenever seasonal sales come.

The scope of this work is to design, develop, and test the application according to the time table using database and Eclipse IDE. In addition, we will need to use Some Designer software to design the interface and system logo and photos.

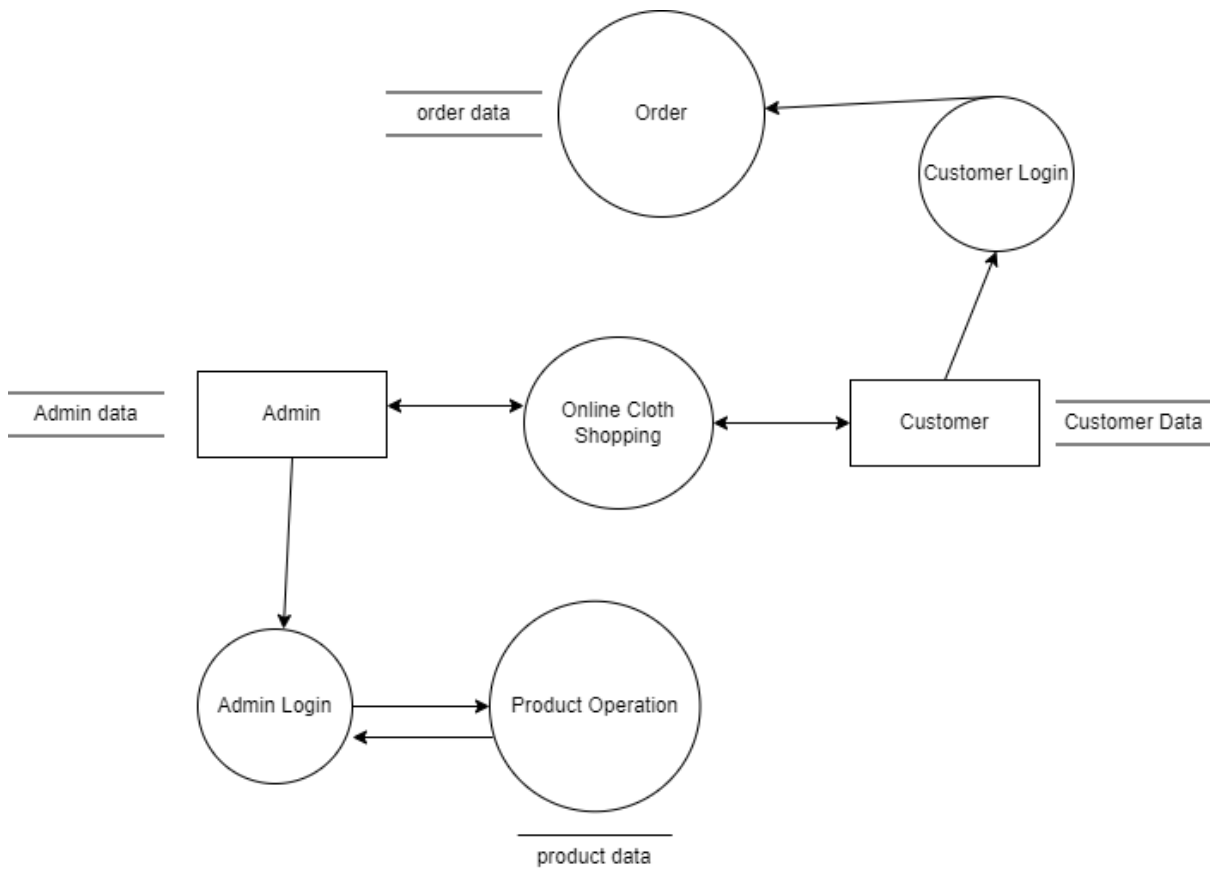
UML DIAGRAM

1) DFD Diagram

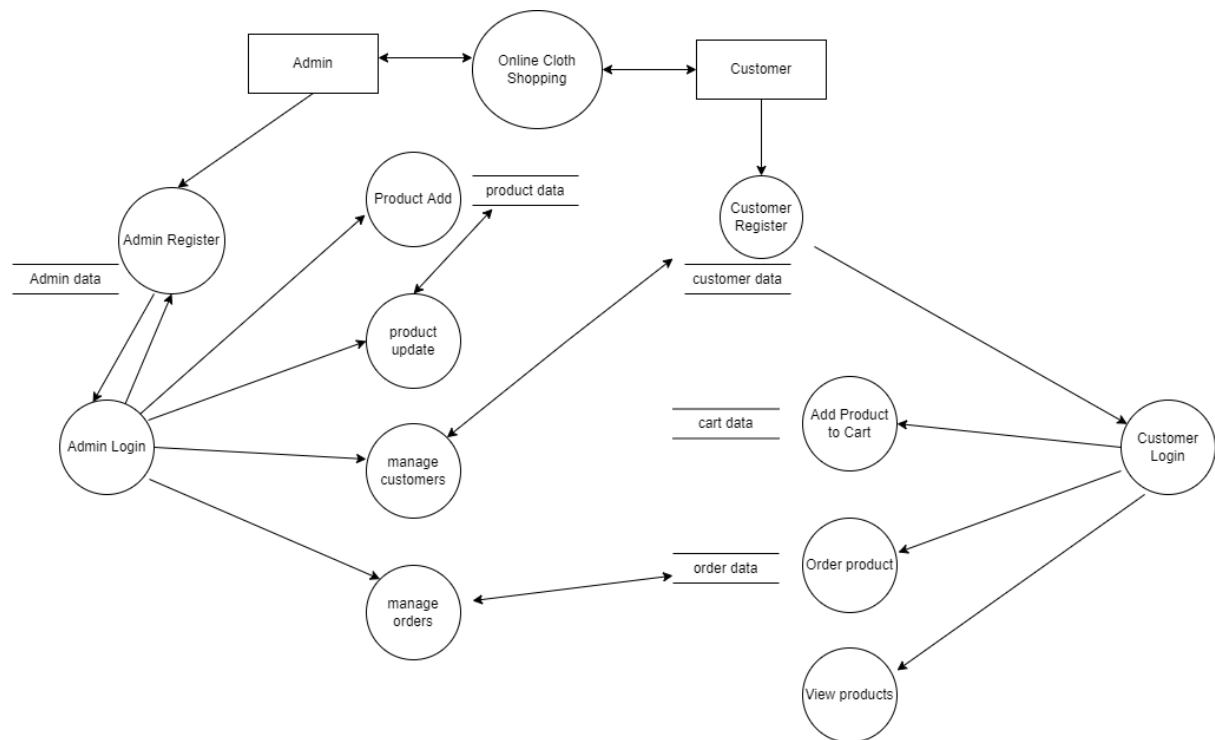
i) Level 0



ii) Level 1



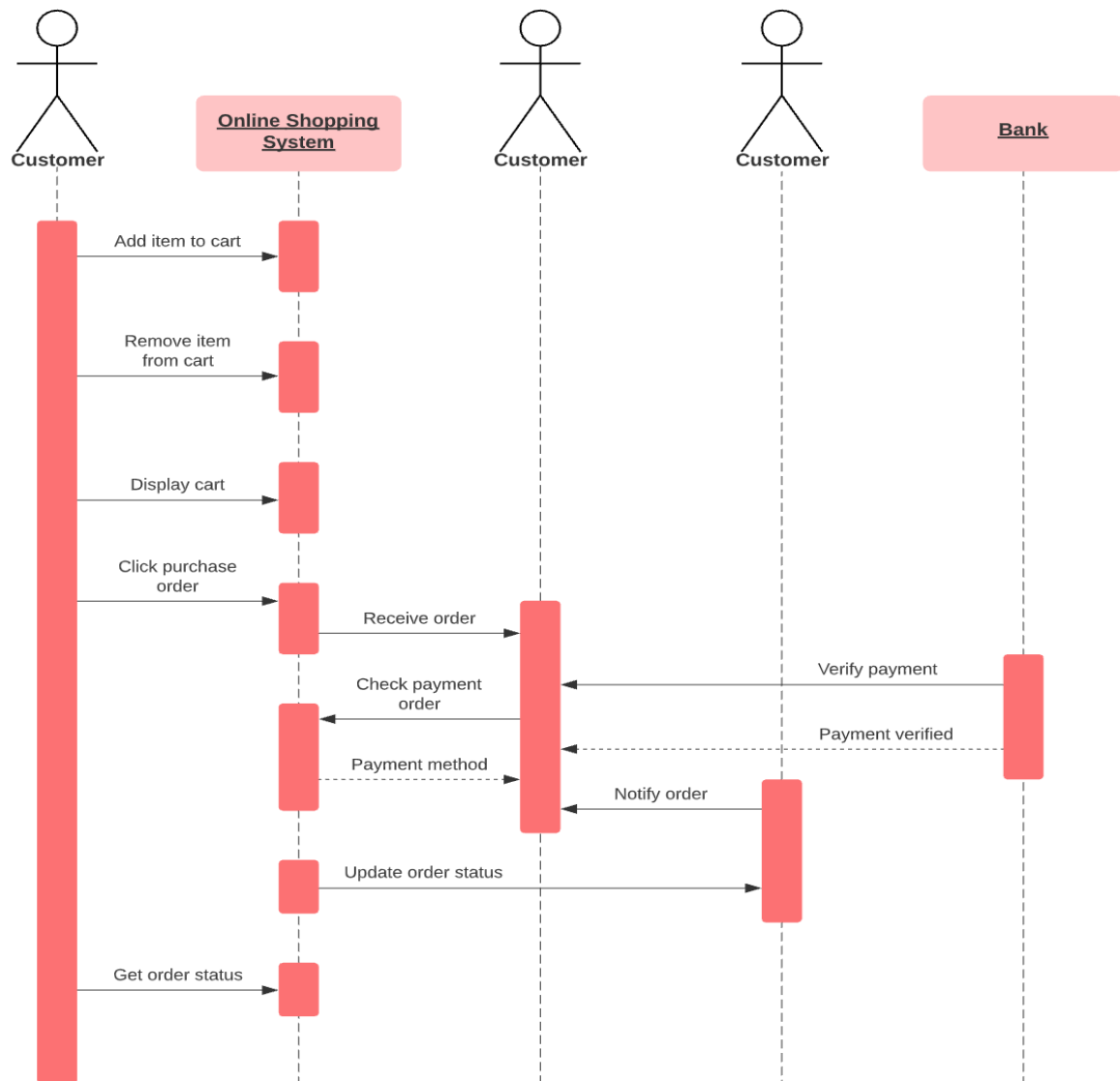
iii) Level 2



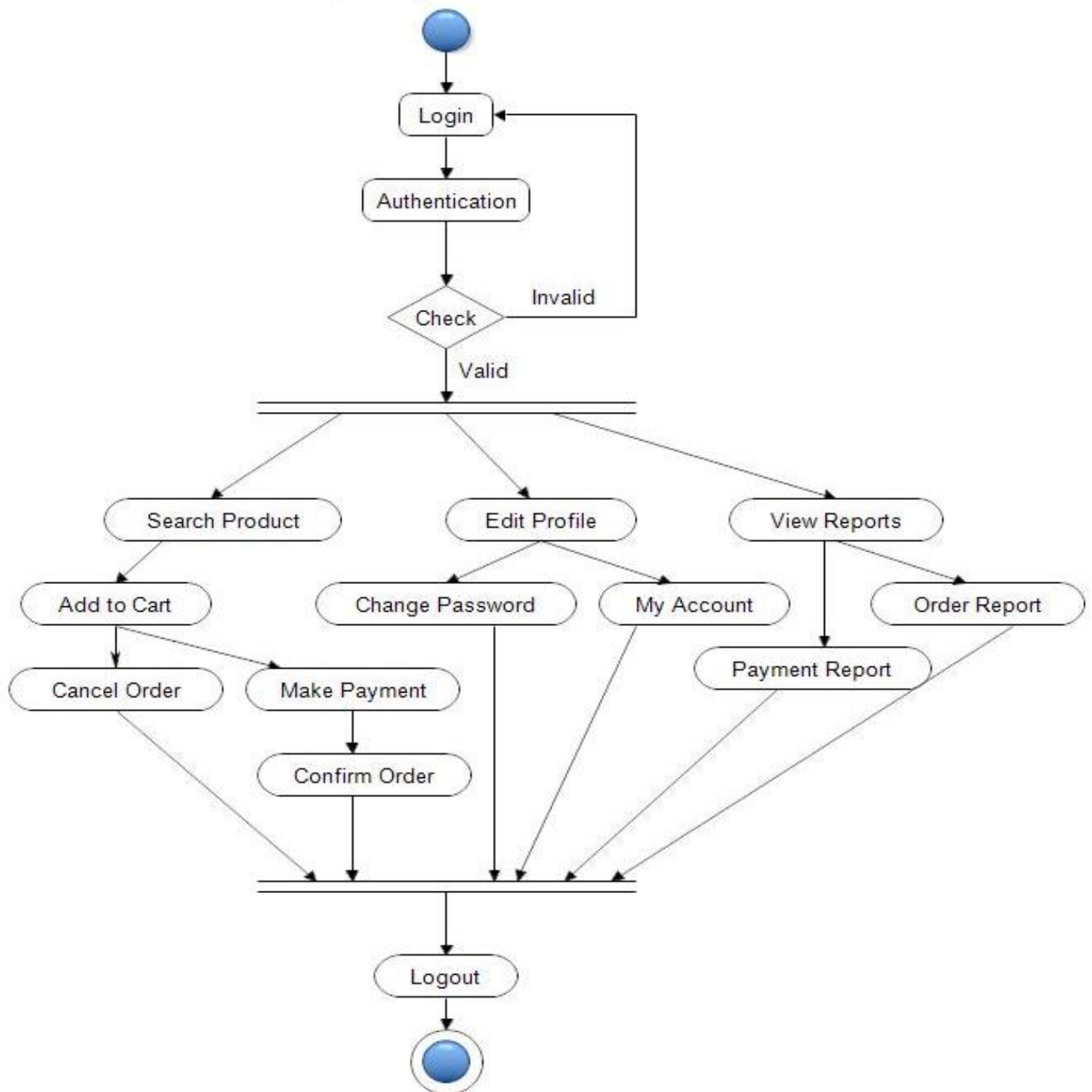
2) Use-Case Diagram



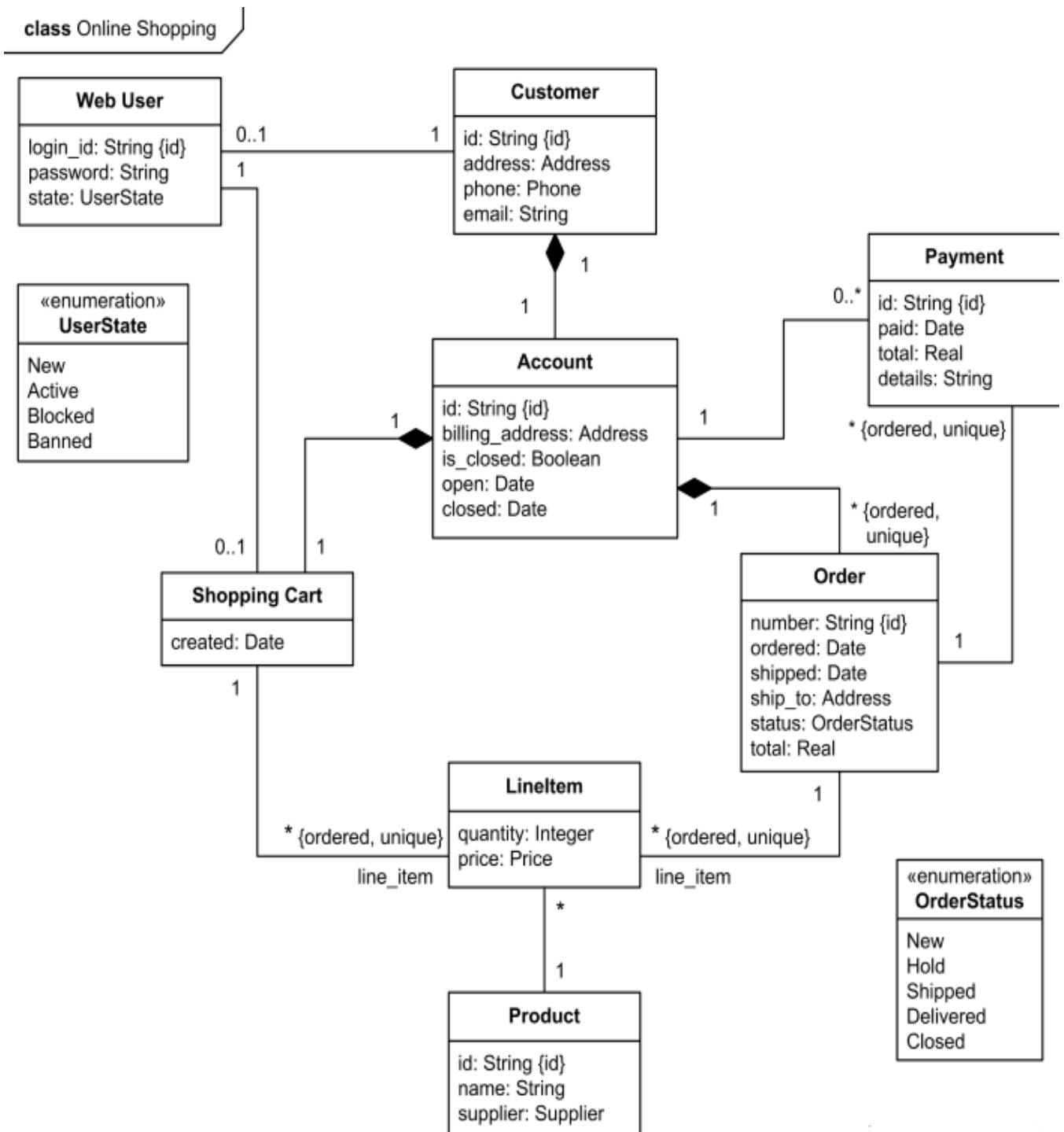
3) Sequence Diagram



4) Activity Diagram

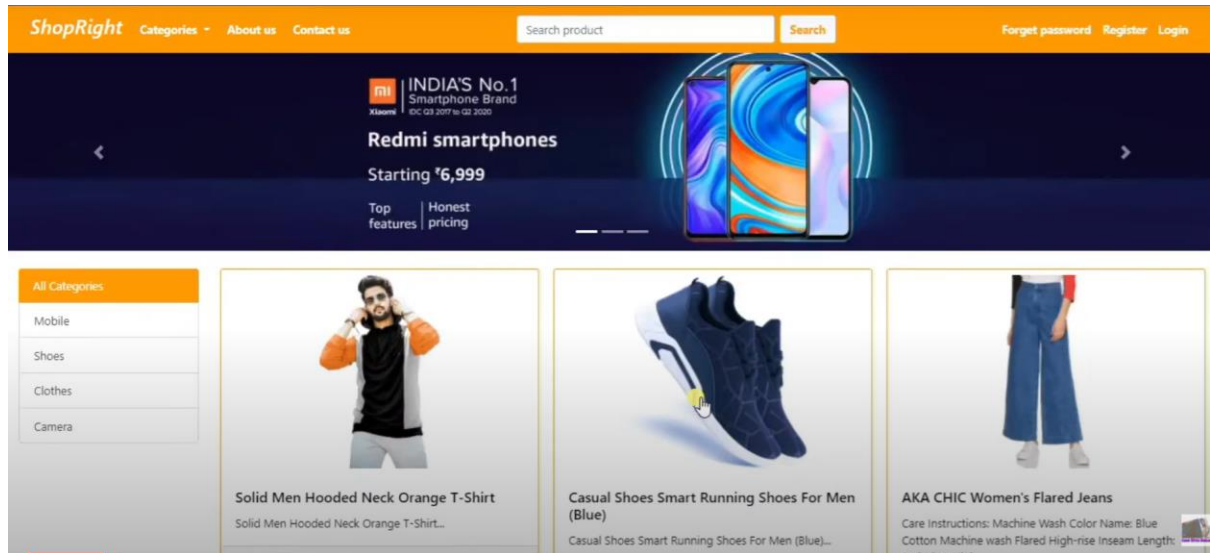


5) Class Diagram



SCREENSHOTS OF THE PROJECT

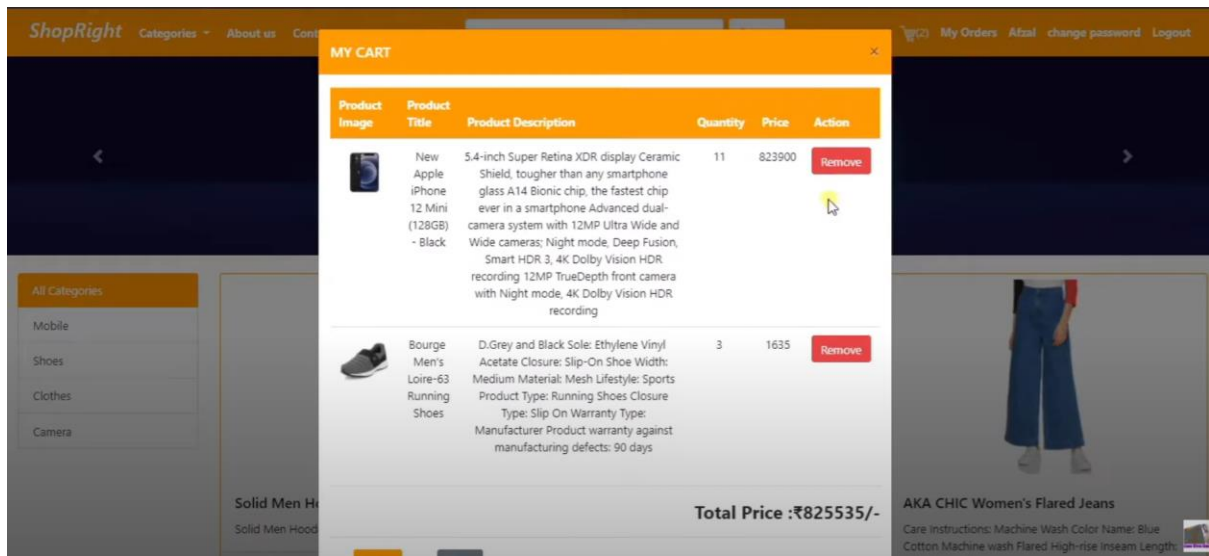
Home Page





Product Page



Cart Page

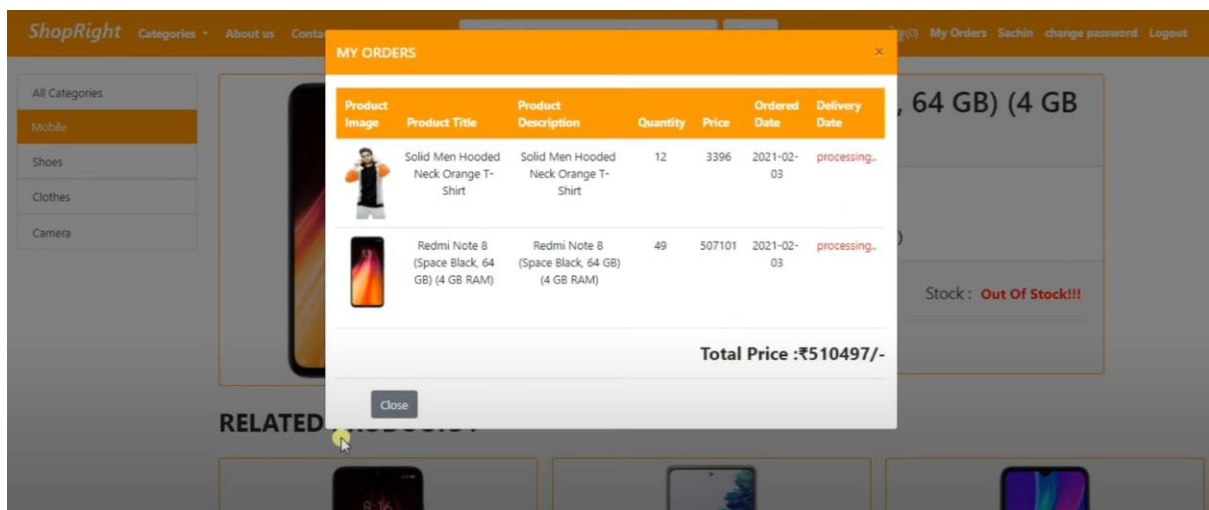


The screenshot shows the ShopRight website with a modal window titled "MY CART" open. The modal contains a table with two items. The first item is an Apple iPhone 12 Mini (128GB) - Black, with a quantity of 11 and a price of ₹823900. The second item is Bourge Men's Loire-63 Running Shoes, with a quantity of 3 and a price of ₹1635. The total price is ₹825535/-. The background shows the website's navigation bar, a sidebar with categories (Mobile, Shoes, Clothes, Camera), and a product recommendation for "AKA CHIC Women's Flared Jeans".



Product Image	Product Title	Product Description	Quantity	Price	Action
	New Apple iPhone 12 Mini (128GB) - Black	5.4-inch Super Retina XDR display Ceramic Shield, tougher than any smartphone glass A14 Bionic chip, the fastest chip ever in a smartphone Advanced dual-camera system with 12MP Ultra Wide and Wide cameras: Night mode, Deep Fusion, Smart HDR 3, 4K Dolby Vision HDR recording 12MP TrueDepth front camera with Night mode, 4K Dolby Vision HDR recording	11	823900	Remove
	Bourge Men's Loire-63 Running Shoes	D.Grey and Black Sole: Ethylene Vinyl Acetate Closure: Slip-On Shoe Width: Medium Material: Mesh Lifestyle: Sports Product Type: Running Shoes Closure Type: Slip On Warranty Type: Manufacturer Product warranty against manufacturing defects: 90 days	3	1635	Remove

Total Price : ₹825535/-

Order Page



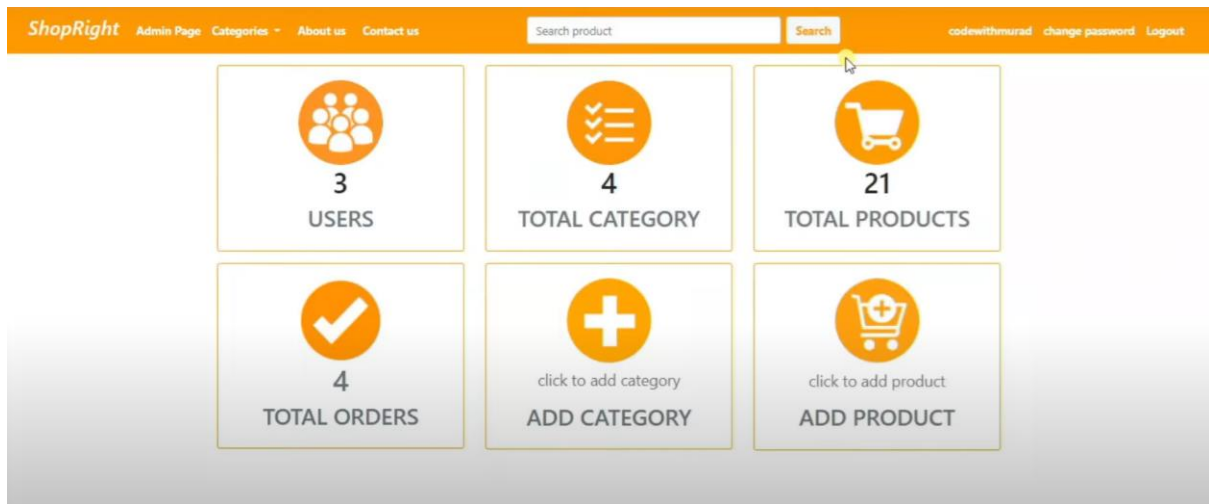
The screenshot shows the ShopRight website with a modal window titled "MY ORDERS" open. The modal contains a table with two orders. The first order is for a Solid Men Hooded Neck Orange T-Shirt, with a quantity of 12, a price of ₹3396, and a status of "processing..". The second order is for a Redmi Note 8 (Space Black, 64 GB) (4 GB RAM), with a quantity of 49, a price of ₹507101, and a status of "processing..". The total price is ₹510497/-. The background shows the website's navigation bar, a sidebar with categories (Mobile, Shoes, Clothes, Camera), and a product recommendation for "64 GB) (4 GB)".

Product Image	Product Title	Product Description	Quantity	Price	Ordered Date	Delivery Date
	Solid Men Hooded Neck Orange T-Shirt	Solid Men Hooded Neck Orange T-Shirt	12	3396	2021-02-03	processing..
	Redmi Note 8 (Space Black, 64 GB) (4 GB RAM)	Redmi Note 8 (Space Black, 64 GB) (4 GB RAM)	49	507101	2021-02-03	processing..

Total Price : ₹510497/-

[Close](#)

Admin Page



CONCLUSION

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progress.

At the end it is concluded that we have made effort on following points...

A description of the background and context of the project and its relation to work already done in the area.

Made statement of the aims and objectives of the project, description of Purpose. Scope, and applicability.

- We define the problem on which we are working in the project.
- . We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.
- We designed user interface and security issues related to system.
- Finally, the system is implemented and tested according to test cases.

FUTURE SCOPE

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- . We can add printer in future.
- We can give more advance software for Online Shopping System including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries.
- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers.

The above-mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Product and Customer. Also, as it can be seen that now-a-days the players are versatile, i.e., so there is a scope for introducing a method to maintain the Online Shopping System. Enhancements can be done to maintain all the product, Customer, Stock, Order, Payment.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process.

LIMITATION

Although I have put my best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it, partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic.

Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

List of limitations which is available in the Online Shopping System:

- Excel export has not been developed for product; Customer due to some criticality.
- The transactions are executed in off-line mode, hence on-line data for Stock, Order capture and modification is not possible.
- Off-line reports of Product, Payment, Stock cannot be generated due to batch mode execution.