



TECHNO INDIA UNIVERSITY

W E S T B E N G A L

Department of Computer Application

Online Shopping Cart

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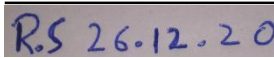
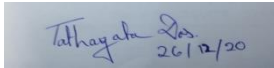
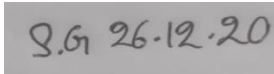
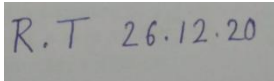
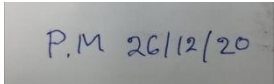
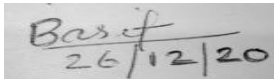
ACKNOWLEDGMENT

I would like to express my special thanks of gratitude to our Professor Pratik Roy who helped me through out the completion of project from the very beginning and helped in doing necessary researches and I learned many new things from him.

Secondly I would like to thank all my fellow group members without whom this project wouldn't be successful . I am indebted for their relentless assistance.

CERTIFICATE

This is to certify that this project “**Online Library Management System**” is bonafide record of work done at **Techno India University, west Bengal** by the following group members:

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under our guidance and supervision and submitted in partial fulfillment of the requirements of the **Minor Project 2020**

(Signature of Project Mentor)
“Name of the Project Guide”
Techno India University, West Bengal

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Prof. Anil Bikash Chaudhuri
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Online Shopping Cart



ABSTRACT

- ▶ The world is fast shrinking into a global village due to emergence of internet as a medium of communication, buying and selling of goods and services. Internet has brought the whole world just at a click of a button. Life is becoming more busy and fast in metros and with increase in nuclear families with husband and wife both working, time for purchase of household as well as luxury items is less with them, this lack of time and availability of internet at door steps has given way to new way of shopping i.e online shopping or e - marketing

INTRODUCTION

- ▶ **Online Shopping Portal** since 1991, India has been implementing liberalization, globalization and privatization policies and as a result, technology has become cheap. Information Technology (IT) has been penetrating slowly into different sectors, and especially in banking, entertainment and education sectors, there is a tremendous impact of IT along with telecommunications. Technology is increasingly used for transactions in banks and various government departments like railways, transport, communications and electricity

Online Shopping :-

Online shopping or e-shopping is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet using a web browser. Alternative names are: e-web-store, e-shop, e-store, Internet shop, web-shop, web-store, online store, online storefront and virtual store. Mobile commerce (or e-commerce) describes purchasing from an online retailer's mobile optimized online site or app.

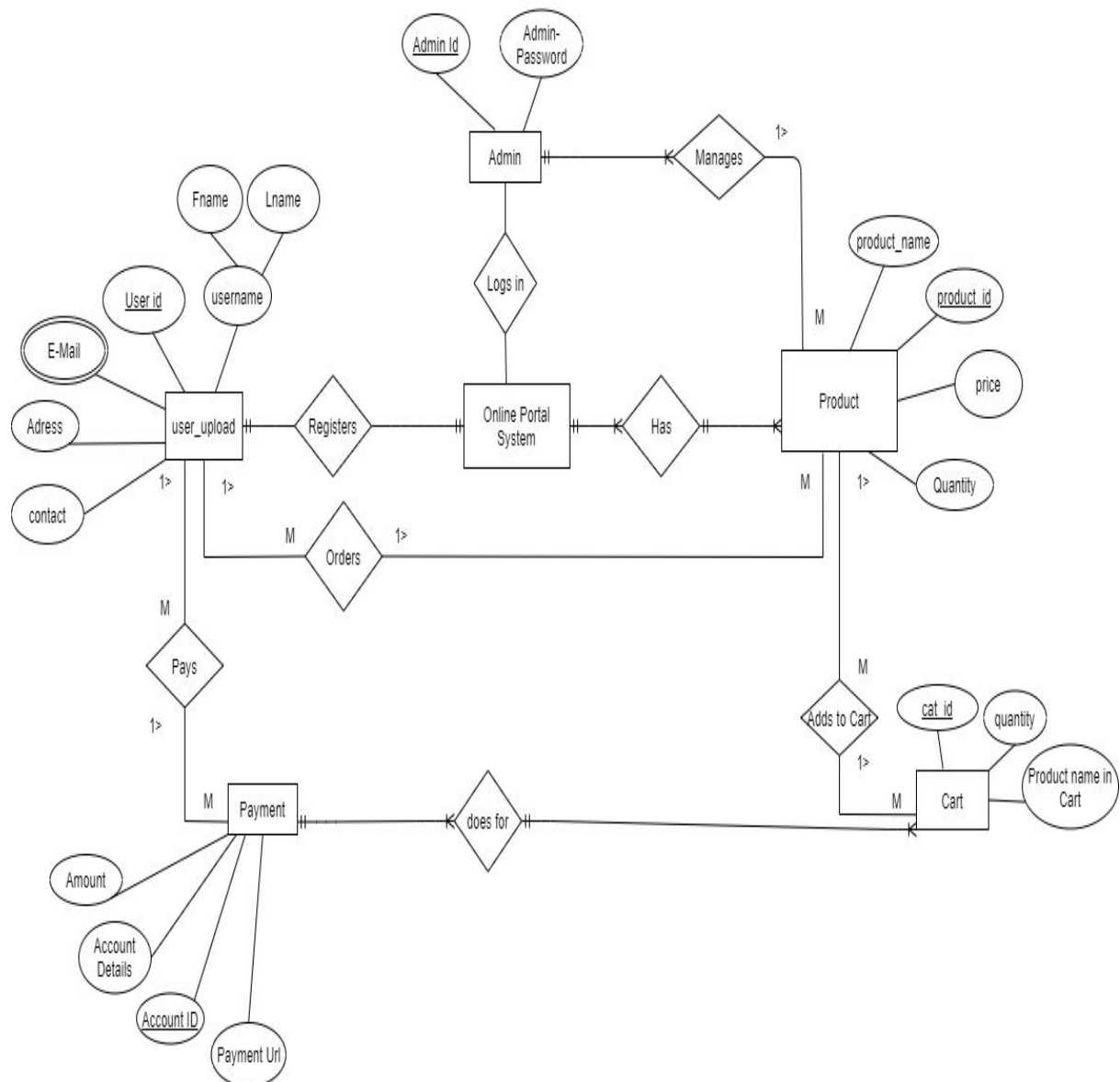
SYSTEM SPECIFICATION

The website should run under any platform (Unix, Linux, Mac, Windows etc.)
that contains a web browser which supports, JavaScript , Node JS , HTML5, CSS
and REACT.JS.

- ❖ Hardware Interfaces :Processor : Pentium or Higher.
- ❖ RAM : 1GB or Higher.
- ❖ Software Interfaces :Operating System : Unix, Linux, Mac, Windows
- ❖ etc.
- ❖ Development tools : Node JS, React JS , JavaScript Data , HTML5, CSS
- ❖ Data Base : Mongo Db

Entity Relationship Diagram:-

Entity Relation (ER) Diagram for Online Shopping Portal

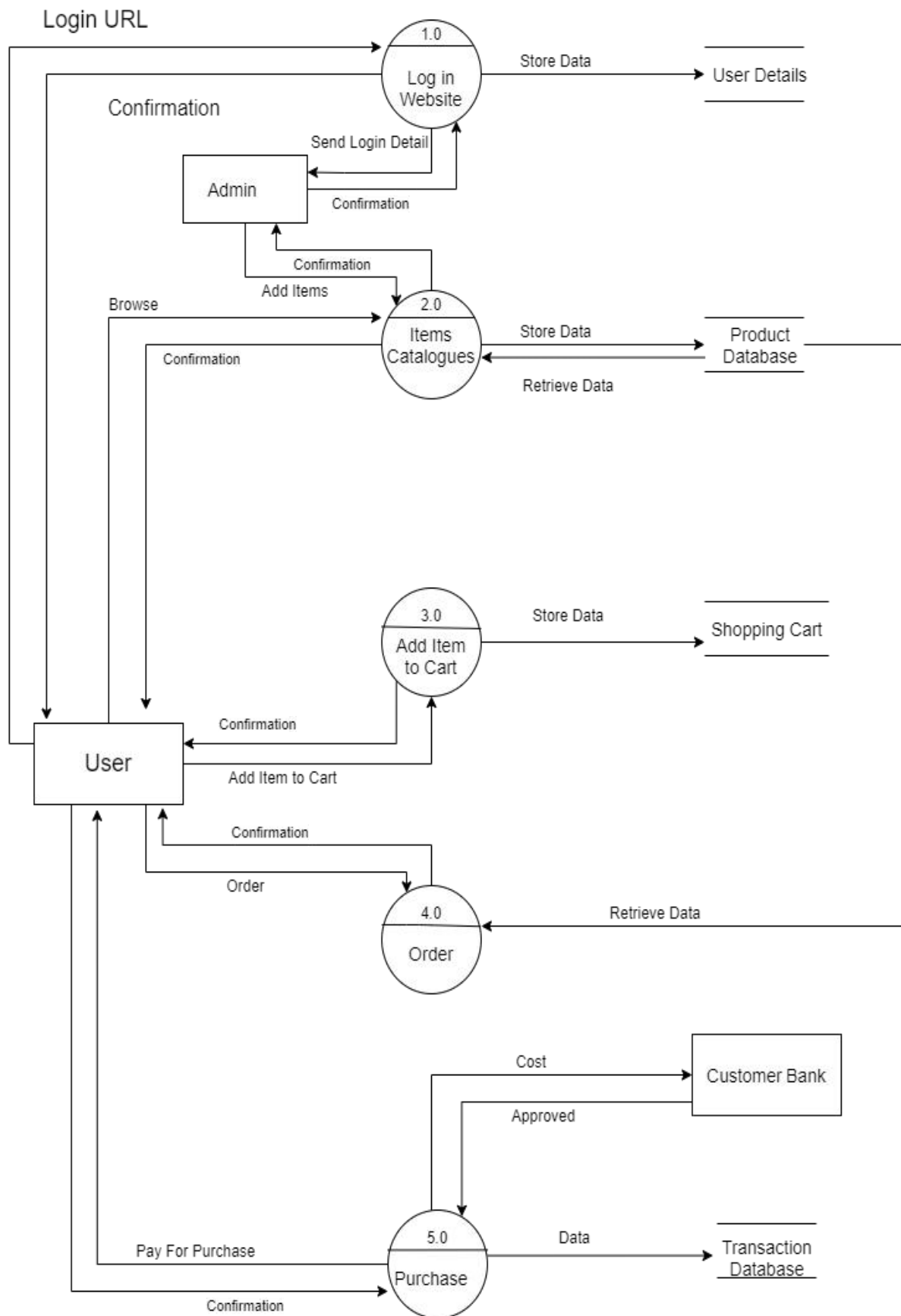


Data Flow Diagram: (DFD up to level 2)

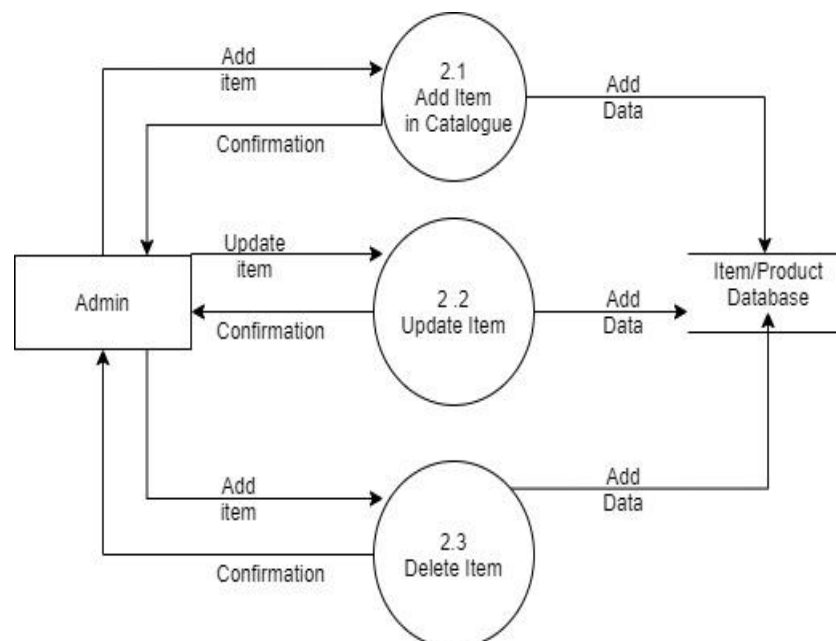
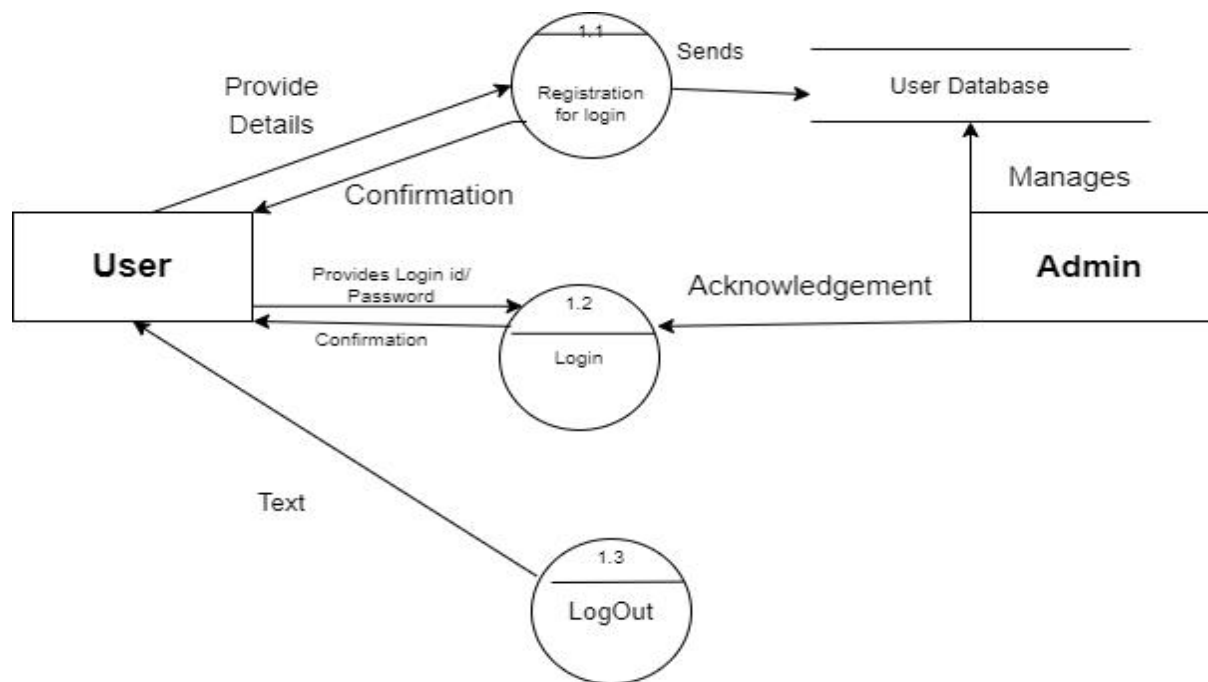
Logical DFD : Level 0



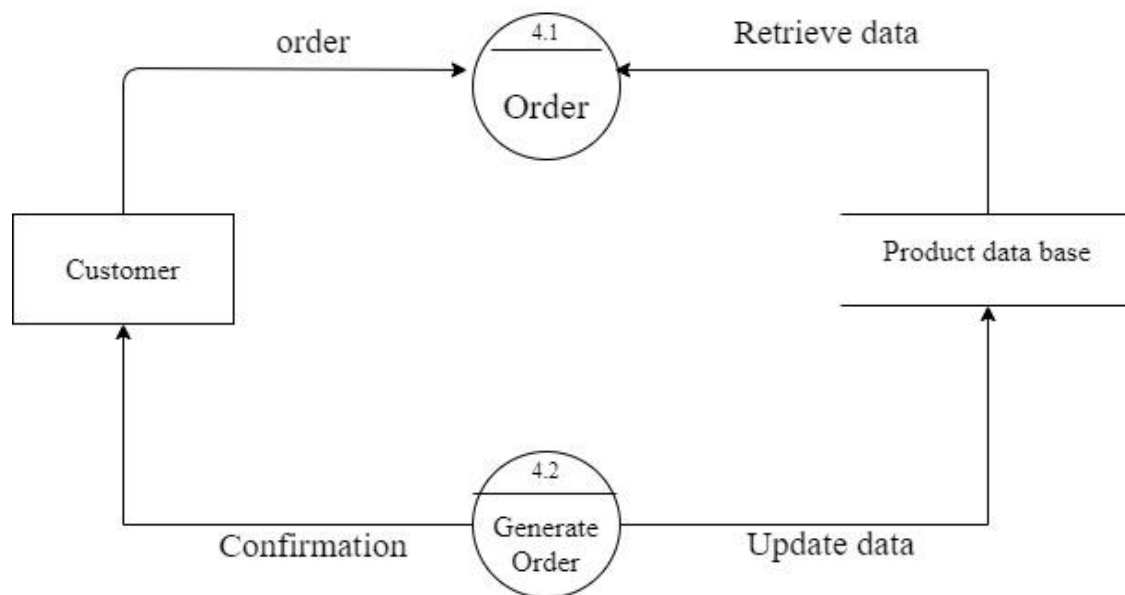
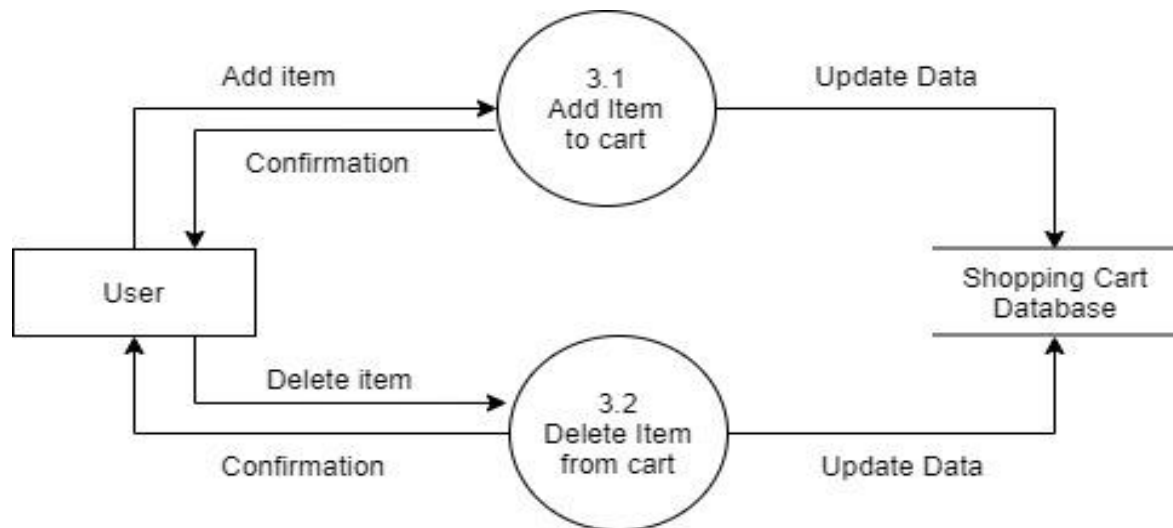
Logical DFD: Level 1



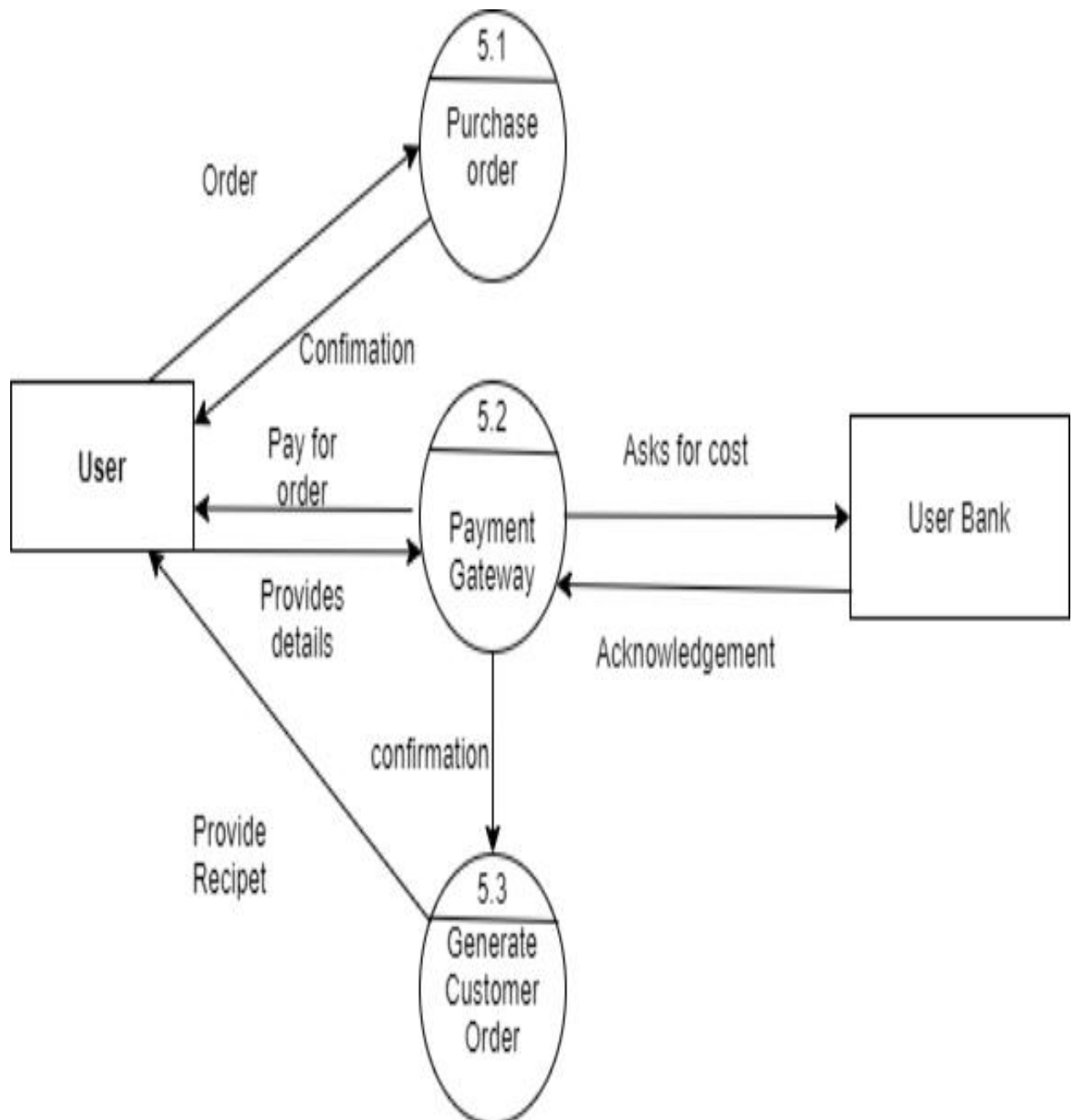
Logical DFD: Level 2



DFD Diagram:- Level 2



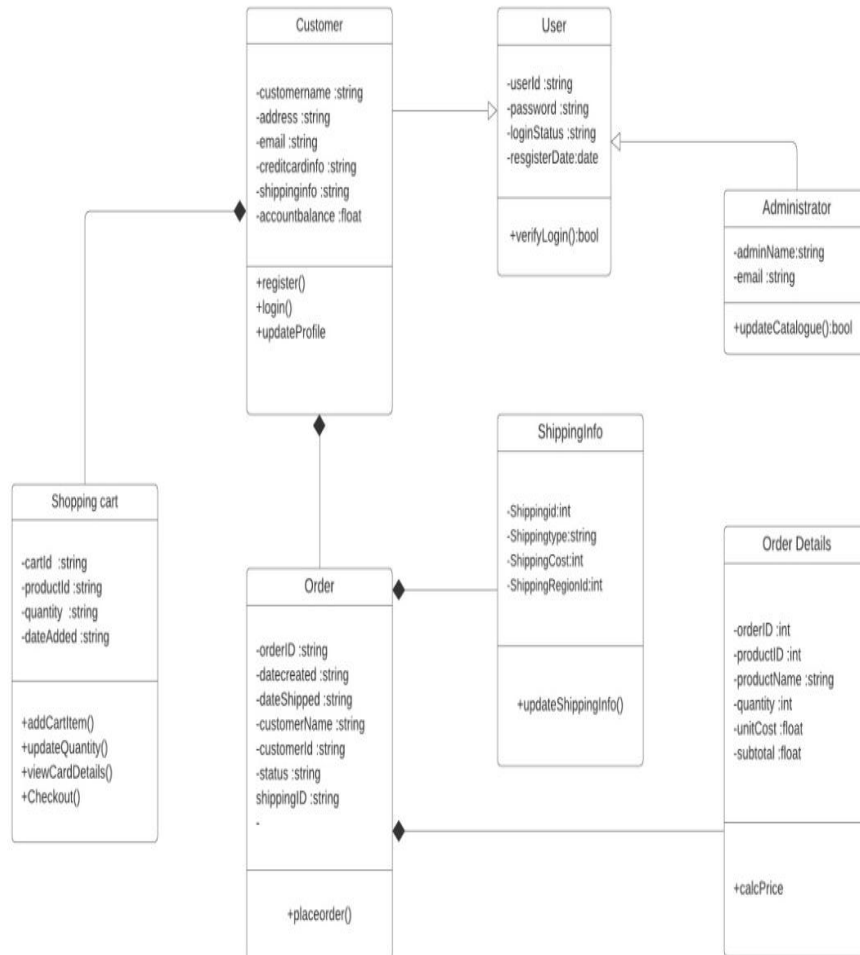
DFD Diagram: Leve 2



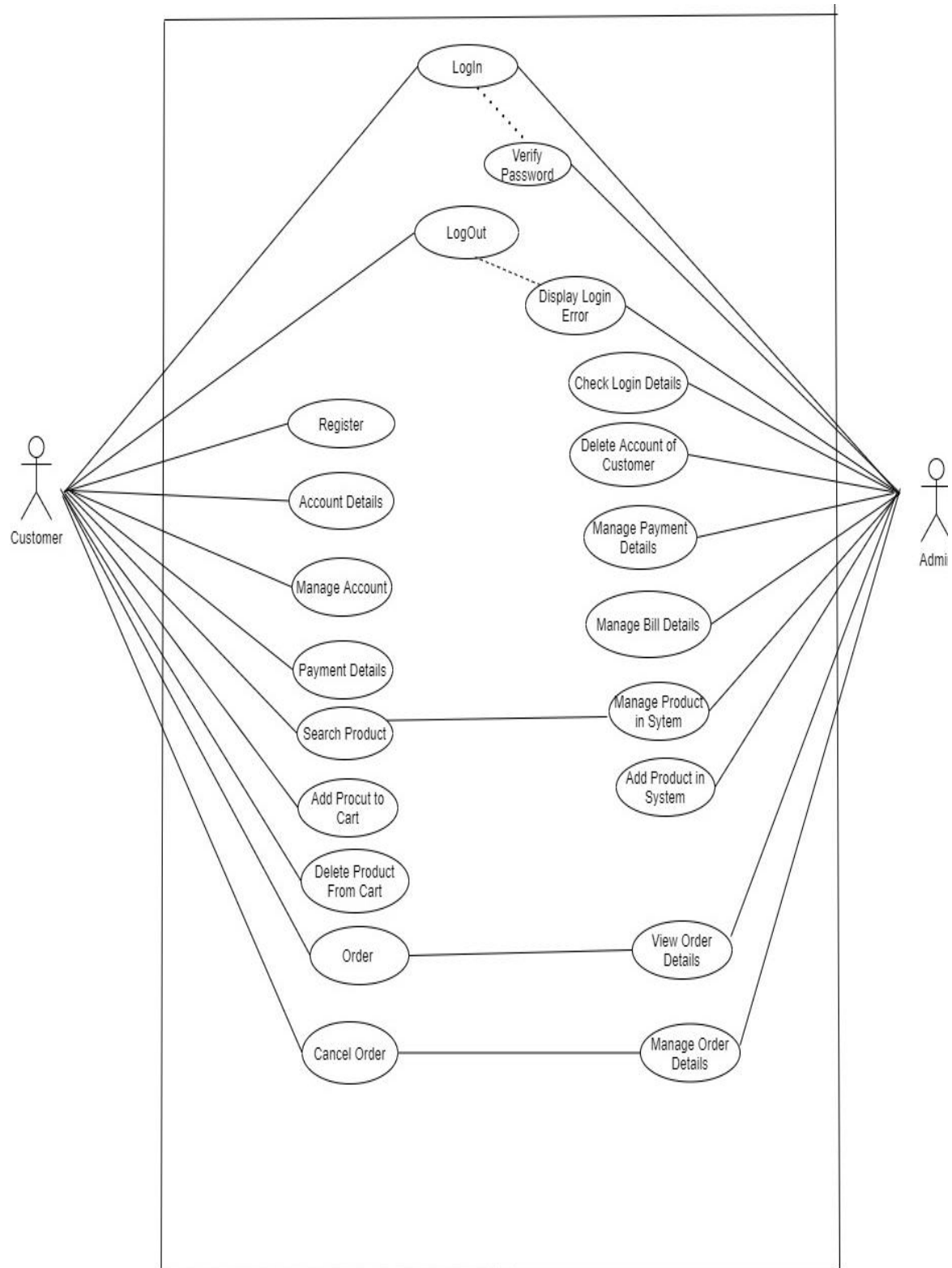
Class Case Diagram

DBMS ER diagram (UML notation)

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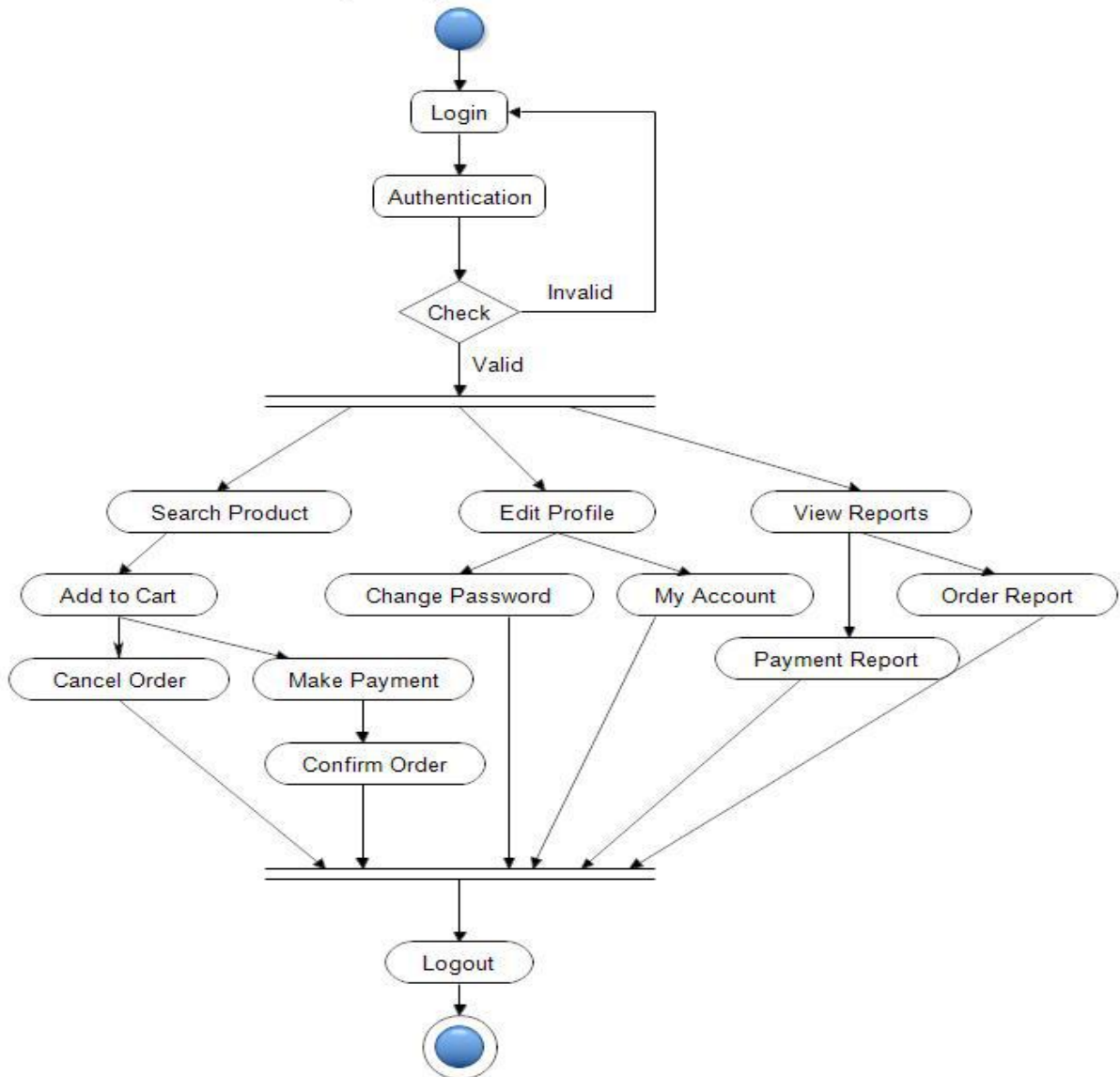


Use Case Diagram



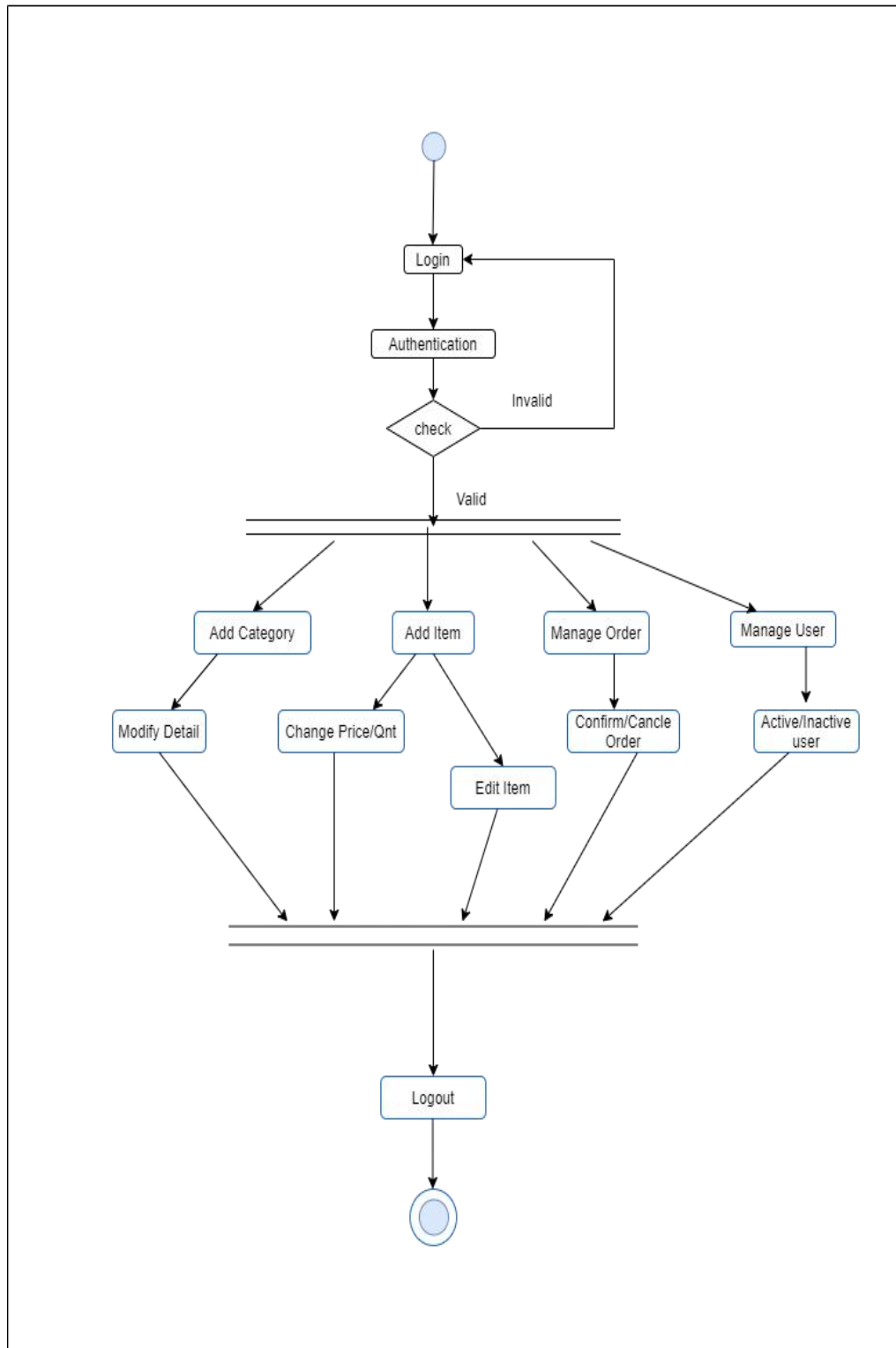
User Activity Diagram

Activity Diagram for User Side

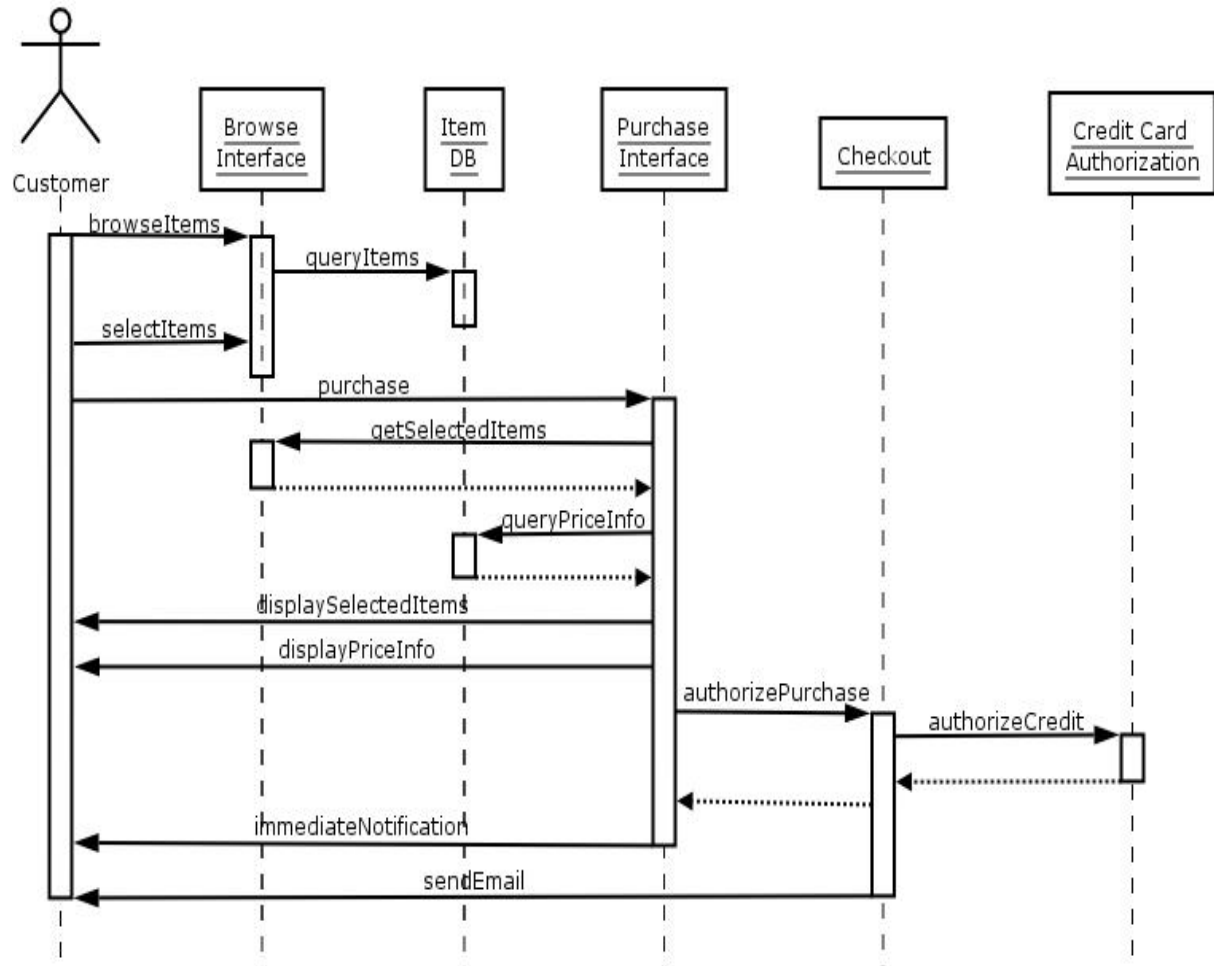


Admin Activity Diagram

Activity Diagram for Admin



Sequence Level Diagram



Future Scope and Limitation

FUTURE PROSPECTS FOR ONLINE MARKET IN INDIA :-

- a. Savings done in physically marketing of products can be passed on to customers.
- b. FDI will help in improving supply chain.
- c. Huge population and increase in literacy level will help companies to increase in their share.
- d. Making websites in local languages will boost up site visit and sale.
- e. Increase in availability of internet at doorsteps and use of smart phones will help in increasing market share and tap huge market.
- f. With increase in nuclear families and husband and wife both working specially in metros and due to this lack of time to go to market for purchase, online companies have huge market to tap.

Limitation:-

With around 1.25 billion populations out of which internet penetration is only 19% India has enormous opportunities for commerce. Besides being such a big marketplace (attracting global E-Commerce players and investors) it has own challenges.

1. High Return Rates: Though the trend is changing still E-Commerce players are experiencing heavy product return rates, which are incurring losses for them, as reverse logistics presents unique challenges..
2. Consumer prefer COD (Cash on delivery): Due to trust deficiency; still lots of people don't prefer to use a credit / debit card or internet banking methods for transaction, rather they opt for —Cash on Delivery|| which is risky and leads less business margin.
3. Payment gateways Inefficiency: Consumers usually experience a high failure rate of payment gateways. Usually once a customer does not reattempt after a transaction failure. It leads to loss of businesses.
4. Quality Internet penetration: India has an internet penetration of about 19% in comparison to countries like US & UK where it is up to 90%. However, that is not the concern for E-Commerce players it is prospecting, the major challenge is about quality of connectivity. The speed and frequent drops cause frustration and restrict user from using E-Commerce for their major source of buying

Conclusion

Indian consumer market is going through a transition period, in terms of their purchase habit and the way things are perceived. This transition period has been very well in cashed by many big players operation in online market and this there to remain for a long period of time. Any player dealing or willing to deal in online market has to very much firm and true towards its approach towards there prospective customers and have to deliver promises in the same manner as they have promised. In the 21st Century E – Commerce will play a vital role in development of overall market scenario and will provide huge opportunities for big as well as small players.

Bibliography

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