



**Department of Information Technology
Government Polytechnic, Awasari (kh)
Tal-Ambegoan Dist-Pune 412405
2022-2023**

A Capstone Project
Planning Report On

**“Project Title”
Live Auction System**

Submitted by

Name of the Students	Enrollment No.
1) Bangar Sarthak Nilesh	2010510345
2) Shinde Amit Arun	2010510390
3) Shinde Siddhi Tukaram	2010510391
4) Walse Manali Rohidas	2010510400

Under the Guidance of

Mrs. J. G. Dabhade

**DEPARTMENT OF INFORMATION TECHNOLOGY
GOVERNMENT POLYTECHNIC Awasari(KH)**



CERTIFICATE

This is to certify that

1. Bangar Sarthak Nilesh (2010510345)
2. Shinde Amit Arun (2010510390)
3. Shinde Siddhi Tukaram (2010510391)
4. Walse Manali Rohidas (2010510400)

Students of Third Year Information Technology have satisfactory completed the project planning work entitled

“Live Auction System”

towards the partial fulfillment of Diploma in Information Technology for the academic year 2021-2022. This report represents the bona fide work done by the students.

Place: Awasari(kh)

Date: /2021

Guide

Mrs. J. G. Dabhade

External Examiner

H.O.D

Dr. D. N. Rewadkar

Principal

Dr. D.R. Nandanwar

Acknowledgement

It gives us an immense pleasure to express our sincere and heartiest gratitude towards our Project Guide **Mrs. Mrs. J. G. Dabhade** for their guidance, encouragement, moral support and affection during the project planning. They have proven to be an excellent guide and teacher. We are especially appreciative to their willingness to listen and guide us to find the best solution, regardless of challenge. We also thankful of our project guide for providing us opportunity to work with them.

We also extremely grateful of **Dr. D. N. Rewadkar**. Head of Information Technology Department, for their motivation and support during the work of Capstone Project Planning from time to time and for giving her precious knowledgeable hands to our work.

Lastly, our cordial thanks to all who have contributed indirectly and materially in words and deeds for completion of Capstone project planning.

Group Members

Roll no	Name of the Students	Enrollment No.
22IF303	Bangar Sarthak Nilesh	2010510345
22IF341	Shinde Amit Arun	2010510390
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Abstract

Online Auction management system is a web based application which will help users to buy or sell item. They can trade anything they want by posting ad. This application will allow users to post their products for auction. Bidder can register and can bid for any available product. The traditional way of auction that allow users for bidding but the product is not available in your local area, you cannot do inspection of the product that you are going to buy. By online Auction application user will be able to bid for product that is available in his local area. Using this online auction management system, bidders will be able to get connected to the specific sellers who will offer them necessary information and or give hand to sell their items to them. It will help save time and offer quality deliverables to the bidders by quick response and attention. This system will replace the manual way of seeking items in the market and travelling long journeys just to get an item yet there are available items just in the neighborhood.

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1. Introduction:

Using this online auction management system, bidders will be able to get connected to the specific sellers who will offer them necessary information and or give hand to sell their items to them. It will help save time and offer quality deliverables to the bidders by quick response and attention services. This system will replace the manual way of seeking items in the market and travelling long journeys just to get an item yet there are available items just in the neighborhood.

The scope of this application to build a user friendly auctioning website, where user will be able to auctioned any product which is available nearby or anywhere in the world. By using Online Auction management system it will be easy for auctioneer to make an auction and time saving also. By making auction through this application will help to reach maximum of buyers bidding in local area.

Problem Statement: Sometimes buyers struggle to find the right items on the other hand, we have qualified suppliers struggling to get buyers.

2. Literature Survey:

A Web-Based System for Online Auction has two parts- Seller and Buyer module collectively called as Customer Interface and Admin Interface. Customer Module allows a customer to upload a particular product available under a selected category and bid on a selected product to shop for. Construction of this technique presents a web display of division of products based on the category they require to sell or bid. There's an Admin Module where an admin controls the entire bidding system. Admin endorse products based on the categories and looks over the registered customers. There's a fixed delivery policy. After completion of the bidding process, there's a notification system to notify the sellers and bidders.

3. Proposed Methodology:

Several works exist regarding the solutions to the Online Bidding System. The work uses several modules in order to implement the auction. There is a login module which registers the user and seller to the portal and provides a membership to perform respective operations.

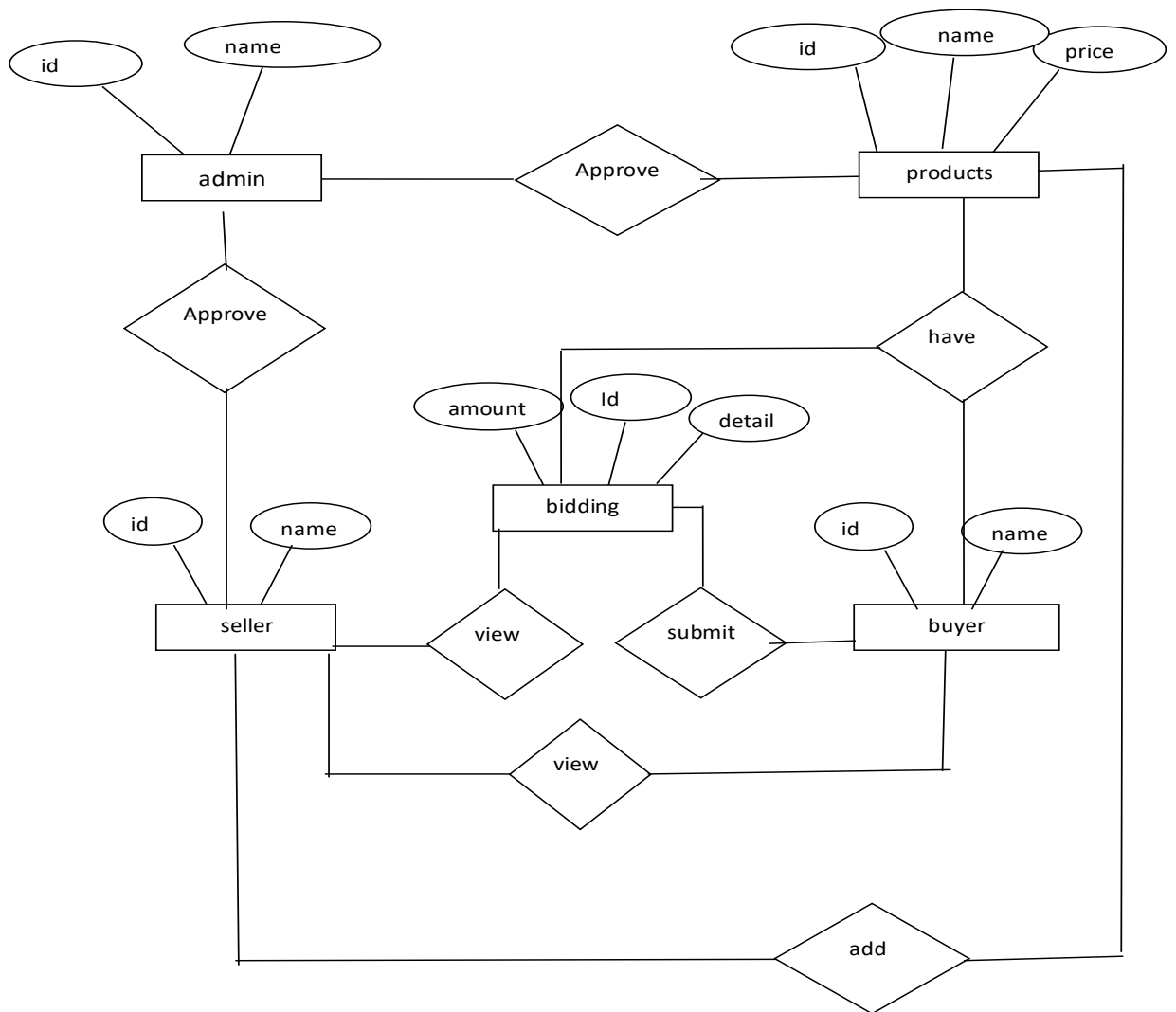
The portal provides a service of selling and buying goods online. The seller can put the goods in a sale for a default period of time that remains the same for every sale. The bidder will start bidding with the price set by the seller. The auction will run for a limited time with a sorting to sort the best price of the day. This sorted price will become the bidding price for the next bid. This sorted result leads to the winner of sale in the end. If there occurs a large number of bidders with the same bid amount then the seller has freedom either to select the winner of auction manually or use the Live auction feature to get buyers.

Action plan:

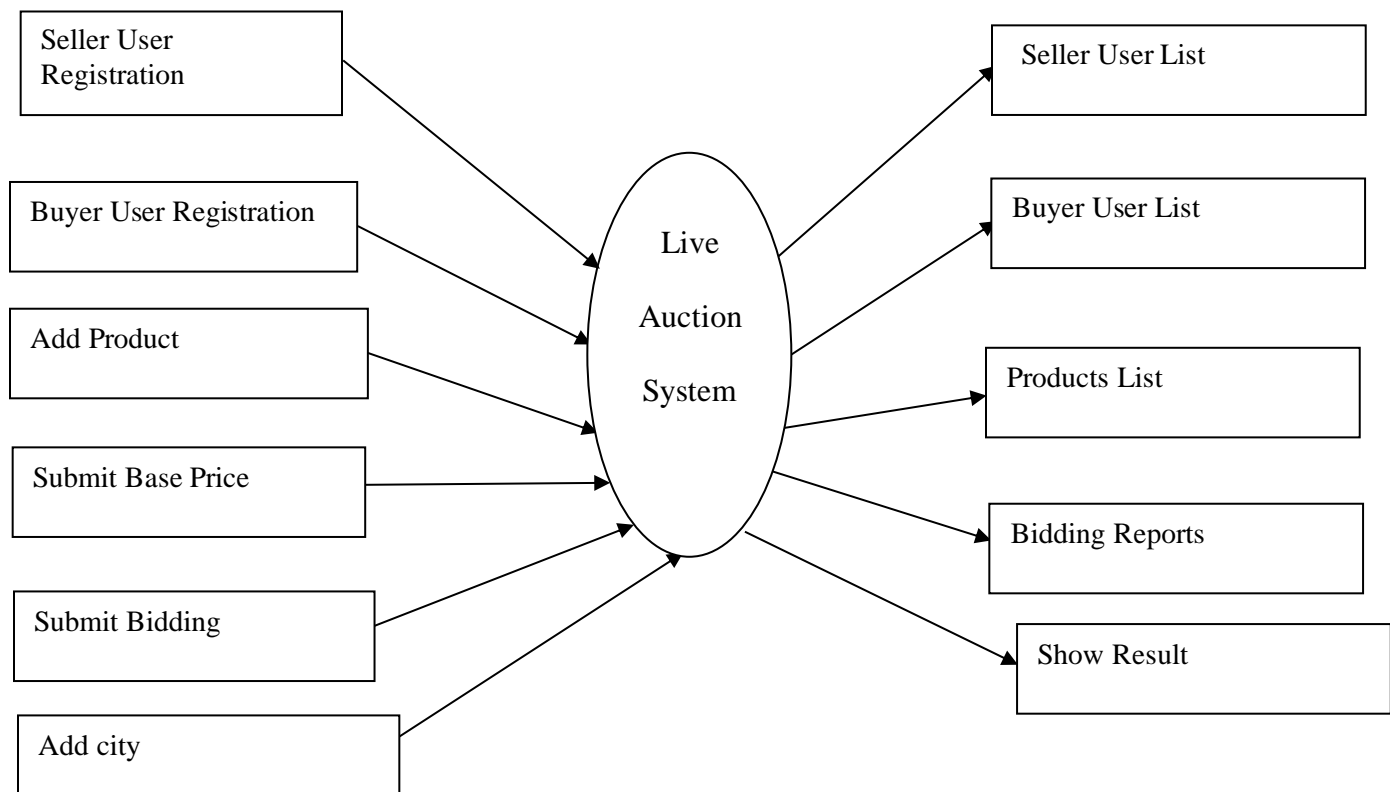
Week No	Activity Planned	Start Date	End date
1	Group Formation & Topic Selection	22-08-2022	28-08-2022
2	Topic finalization with Abstract	29-08-2022	04-09-2022
3	Finalization of Problem statement/Project title	05-09-2022	11-09-2022
4	Submission of Project proposal	12-09-2022	18-09-2022
5	requirement Gathering and analysis	19-09-2022	25-09-2022
6,7 and 8	Literature Survey	26-09-2022	16-10-2022
9	Design ER diagram DFD 0 and DFD 1	17-10-2022	06-11-2022
10	Design Class Diagram, Use Case diagram and Deployment Diagram	07-11-2022	13-10-2022
11	Design test cases - Unit testing, Integrated Testing and system testing	14-11-2022	20-10-2022
12	Risk Identification and Costing of Project	21-10-2022	27-11-2022
13 and 14	Report Finalization	28-11-2022	12-12-2022

4. Diagrams:

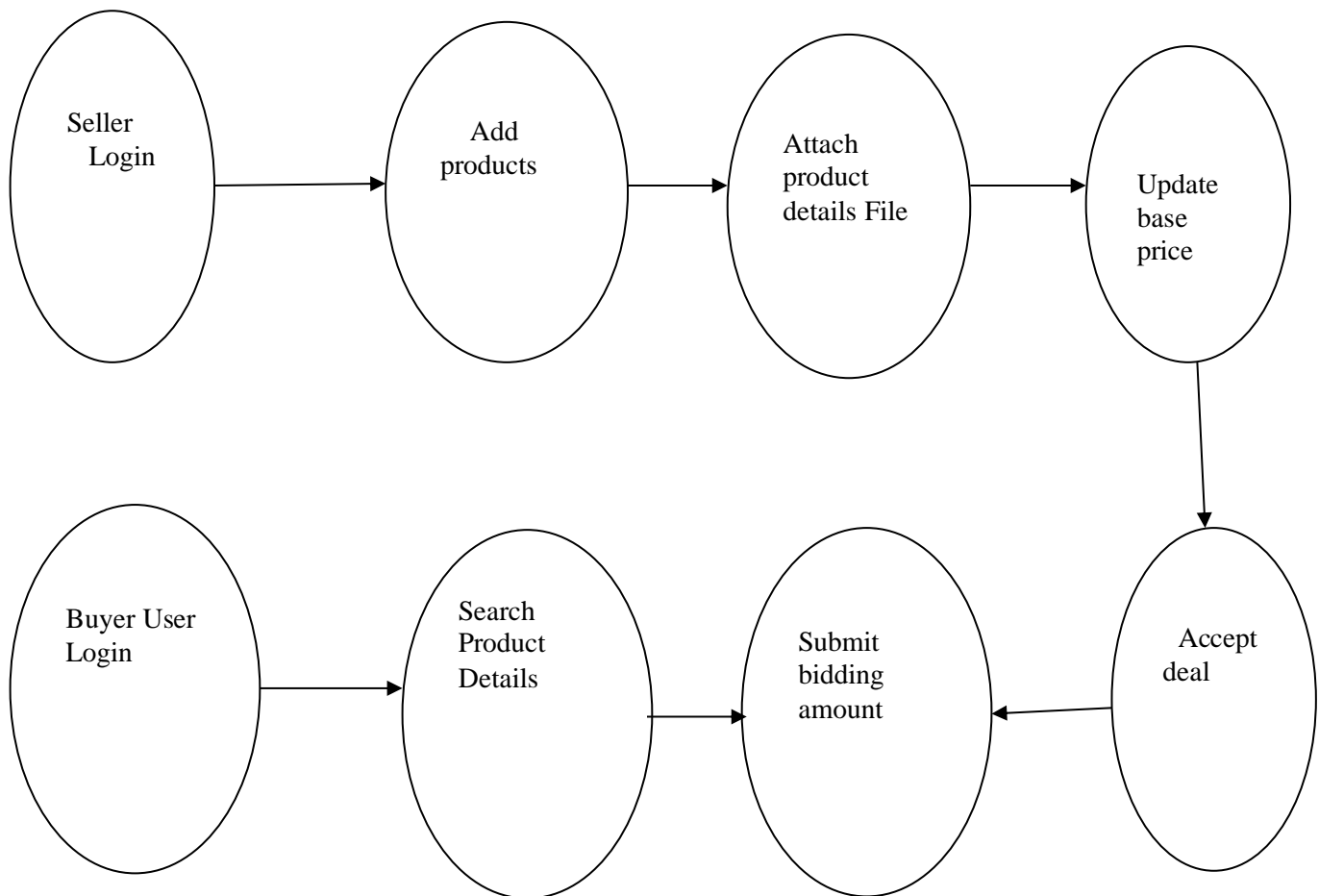
ER Diagram:



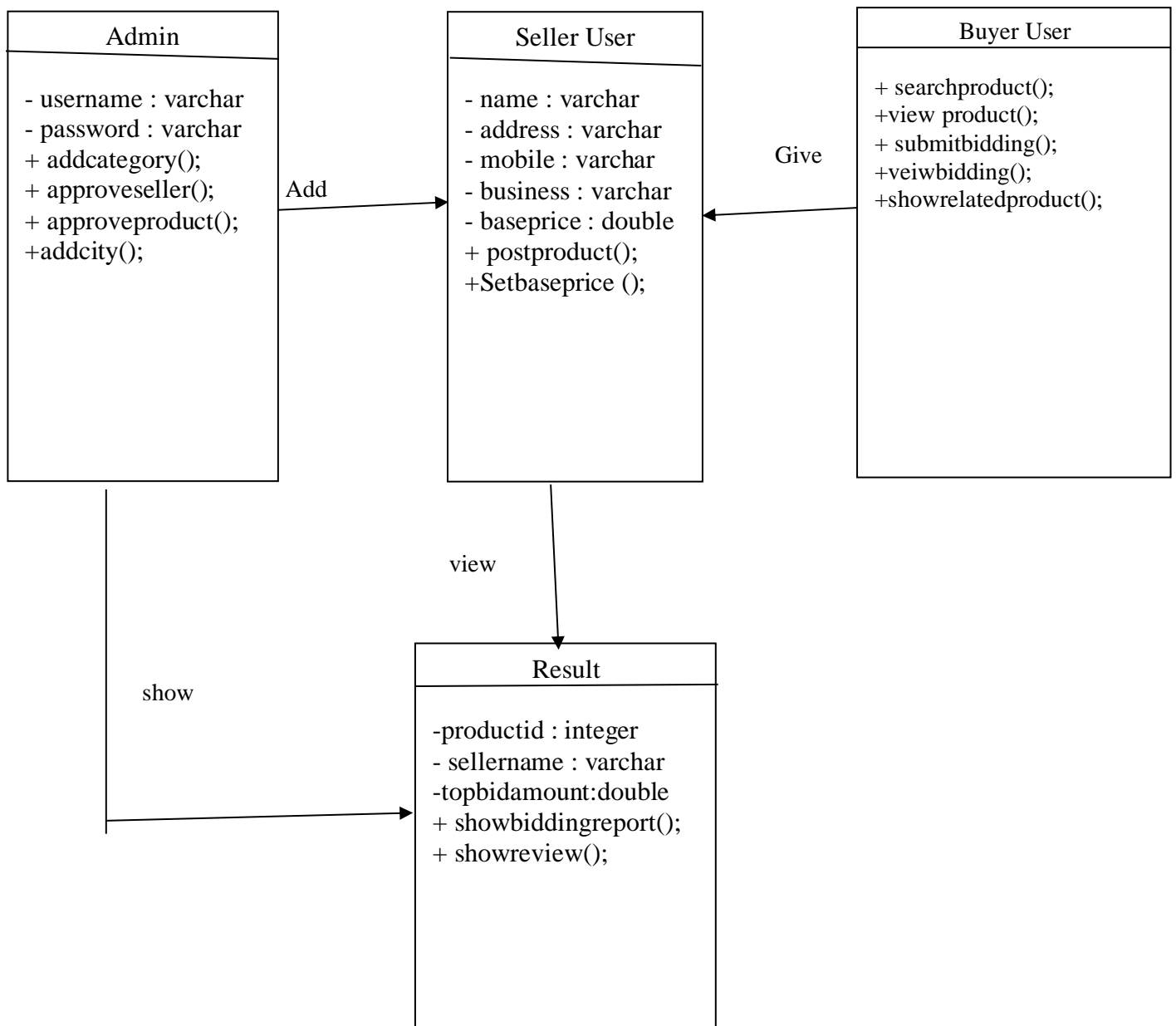
DFD0:



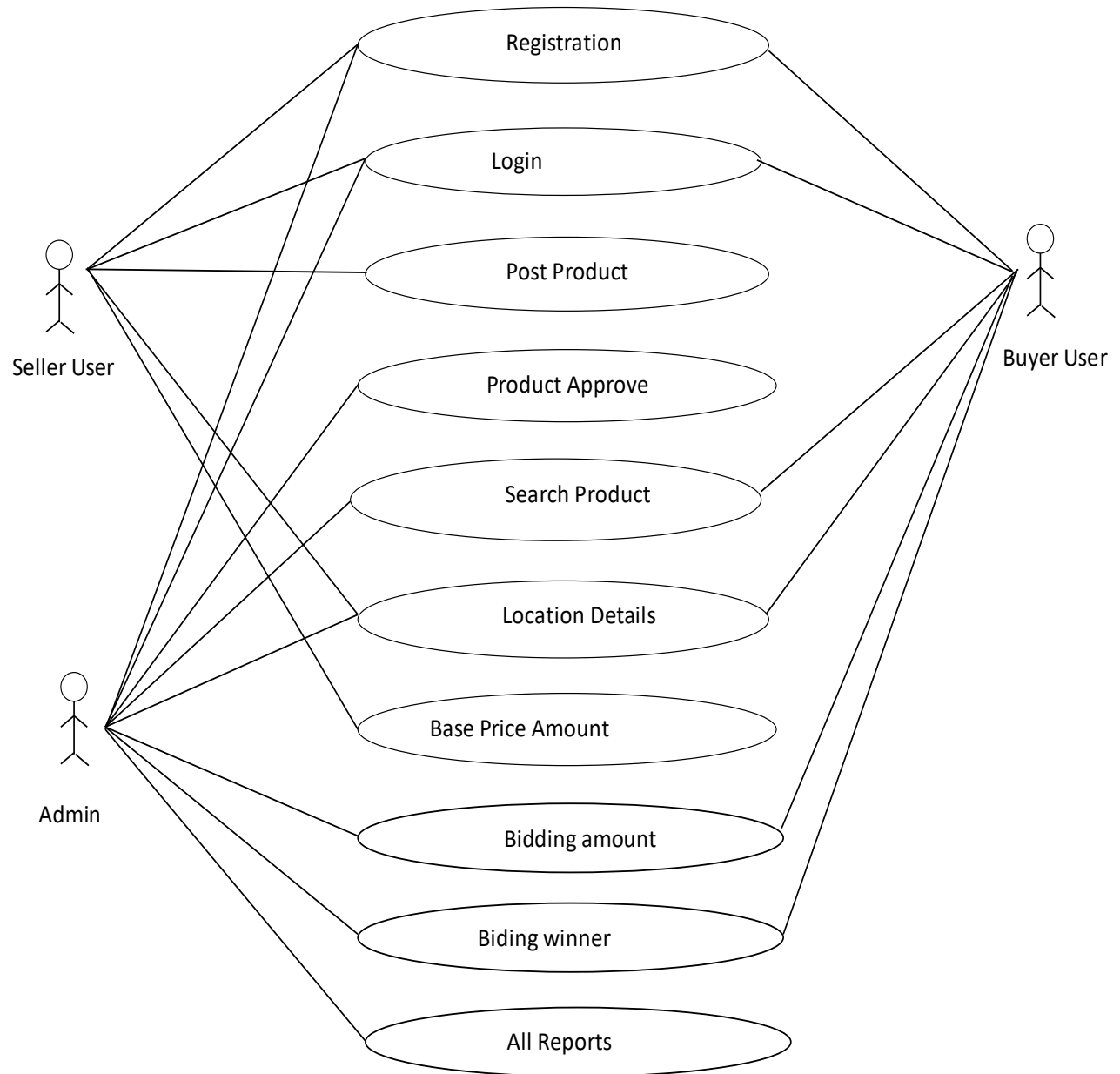
DFD1:



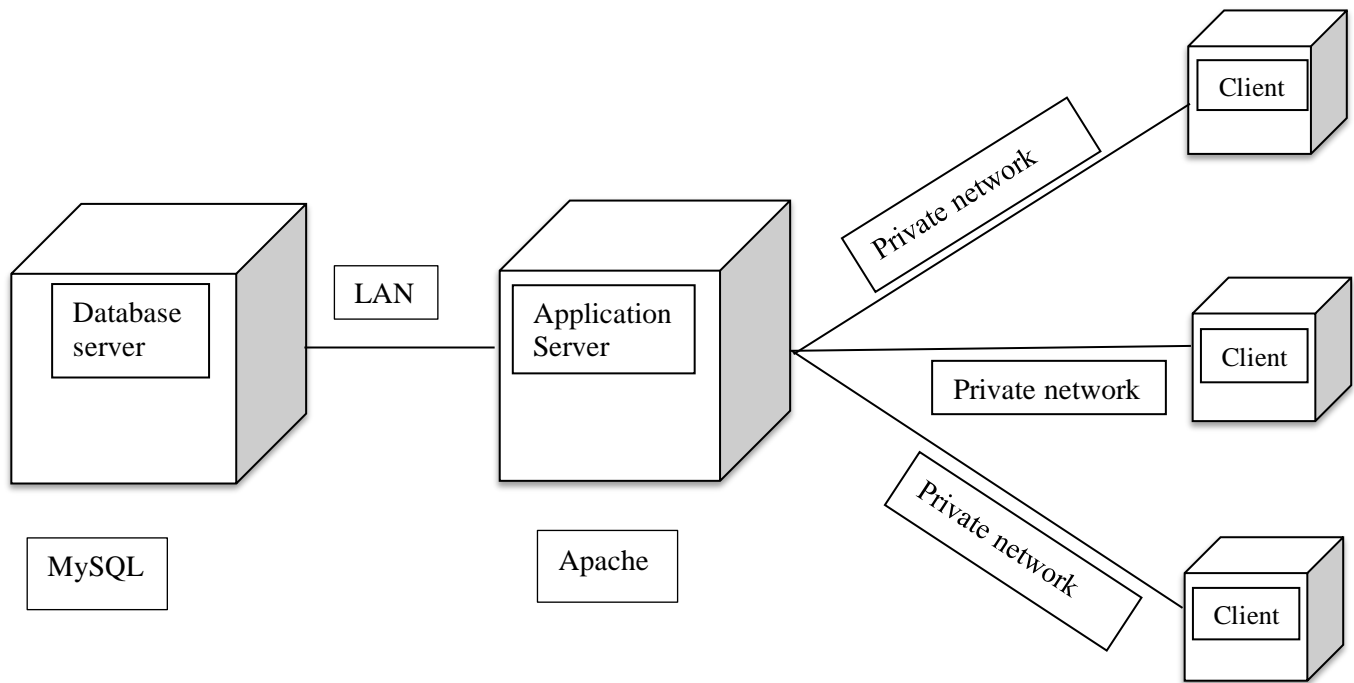
Class diagram:



Use case diagram:



Deployment Diagram:



5. Conclusion:

The online auction system has made customers more efficient and efficient in their behavior and has driven businesses to new heights, forcing many to make the adjustments and changes necessary to reach a new market of knowledgeable consumers.