ONLINE BIDDING SYSTEM

"Money is the worst discovery of human life. But it is the most trusted material to test human nature."
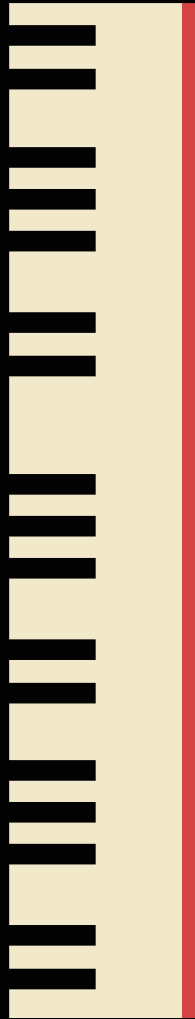
- Buddha

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INTRODUCTION

The Online Bidding System is a simple project that provides a bidding organization or company's possible buyers bid with others within a period of time. The main purpose of this project is to create a bidding process online. The system stores the category of the product and the products for auction. When creating the product for auction, the system requires the date and time which is used to automatically detect the buyer who wins in the bidding.The winner can buy the product .

OBJECTIVES

GENERAL OBJECTIVE:
To develop an online auction system which will provide a forum for sellers to meet and interact with buyers, and sell items to interested bidders.
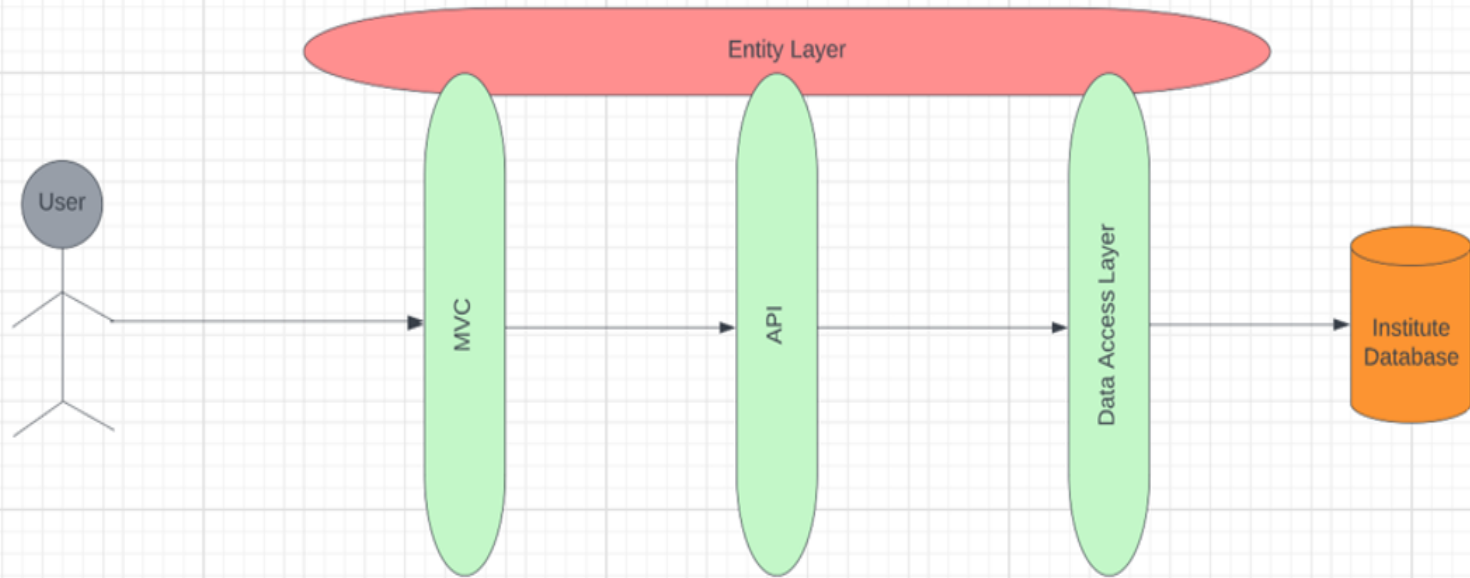
SPECIFIC OBJECTIVES:
- This auction website works online. The bidder and seller can participate in auction from anywhere at any time through online auction.
- Those who wish to take part in bidding or sell products at the site have to register at the site as customer. Only authenticated customers can take part in selling or in bidding.
- Customer can see the profile of the bidding history of items which are still open. Similarly the seller can see the progress of bidding.
- This will store bidders record and bidding record.

TECHNOLOGIES USED

- Model View Controller (MVC)
- Asynchronous JavaScript And XML (AJAX)
- JQUERY
- Cascaded Style Sheets (CSS)
- Hypertext Markup Language (HTML)
- SQL SERVER
- C Sharp (C#)

Work Flow

MODULES

Registration Module : Customers should SignUp and Login.

Product Module : Add product to sell, Delete product, Edit product.

Customer Module : Customer own bidding details,Purchase report,auction winning report etc.

Report Module : Check sales report, product report, auction report, payment report.

Dashboard : Admin has full authority of the website and employee has limited authority.

BEFORE MIDTERM

AFTER MIDTERM

Registration Module
Product Module

Customer Module
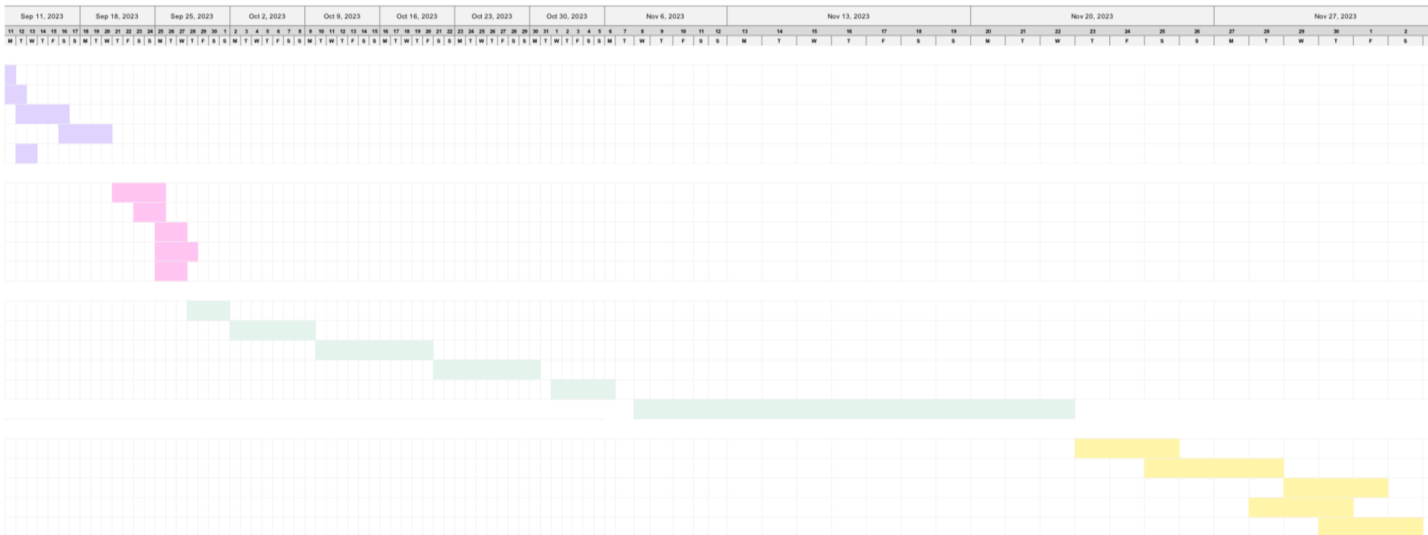Report Module
Dashboard
Testing

GANTT CHART

ProjTech

Pavan Kumar Madavaram, Mounica Mannam, Caleb Cheriyout

Project start: **Sun, 9/10/2023**

Display week: **1**

TASK	ASSIGNED TO	PROGRESS	START	END
Initiation				
Define goals	Mounica Mannam	100%	9/10/23	9/11/23
Conduct studies	Pavan Kumar Madavaram	100%	9/11/23	9/12/23
Market Research	Caleb Cheriyout	100%	9/12/23	9/16/23
Requirements Gathering	Mounica Mannam	100%	9/16/23	9/20/23
Set up team	Pavan Kumar Madavaram	100%	9/12/23	9/13/23
Design				
System Design	Mounica Mannam	100%	9/21/23	9/25/23
Use cases	Pavan Kumar Madavaram	100%	9/23/23	9/25/23
CRC Cards	Caleb Cheriyout	100%	9/25/23	9/27/23
Activity Diagram	Pavan Kumar Madavaram	100%	9/25/23	9/28/23
ER diagram	Caleb Cheriyout	100%	9/25/23	9/27/23
Development				
Create Database and Connection	Pavan Kumar Madavaram	100%	9/28/23	10/1/23
Login/registration Module	Caleb Cheriyout	100%	10/2/23	10/9/23
Product Module	Mounica Mannam	100%	10/10/23	10/20/23
Customer	Pavan, Caleb	100%	10/21/23	10/30/23
Report Module	Mounica Mannam	100%	11/1/23	11/6/23
Dashboard	Pavan, Mounica, Caleb	100%	11/8/23	11/22/23
Testing				
Monitor progress	Mounica Mannam	100%	11/23/23	11/25/23
Functional testing	Pavan Kumar Madavaram	100%	11/25/23	11/28/23
Evaluate progress	Caleb Cheriyout	100%	11/29/23	12/1/23
Bug tracking and Resolution	Mounica Mannam	100%	11/28/23	11/30/23
Gather feedback	Caleb, Pavan	100%	11/30/23	12/2/23

Insert new rows ABOVE this one

RESPONSIBILITIES:

Pavan Kumar Madavaram: Responsible for the database design, customer module, and Report Module of customer page along with Testing

Caleb Cheriyout: Focused on user registration, login, user profile management and report module of customer page along with Testing

Mounica Mannam : Handling product management, bidding, auction functionalities,and report module of admin page along with bug tracking and Testing .
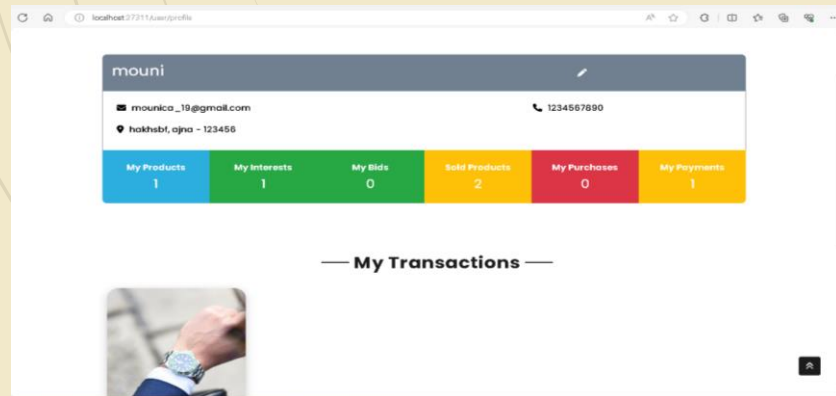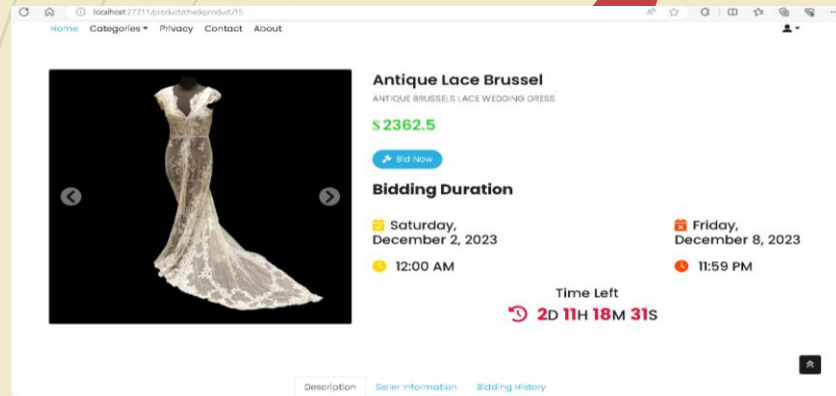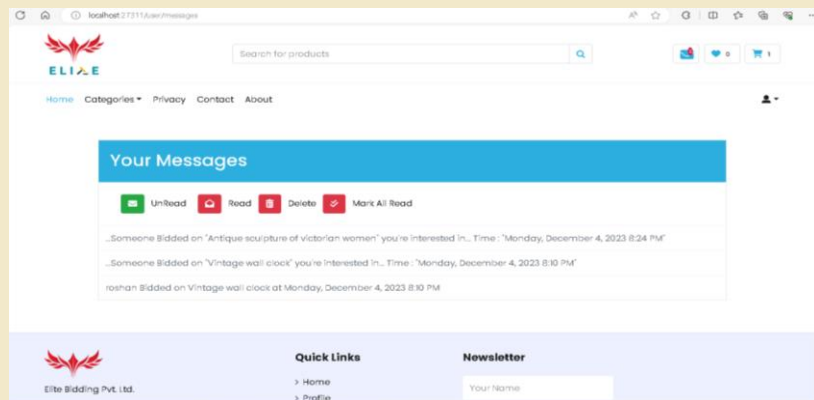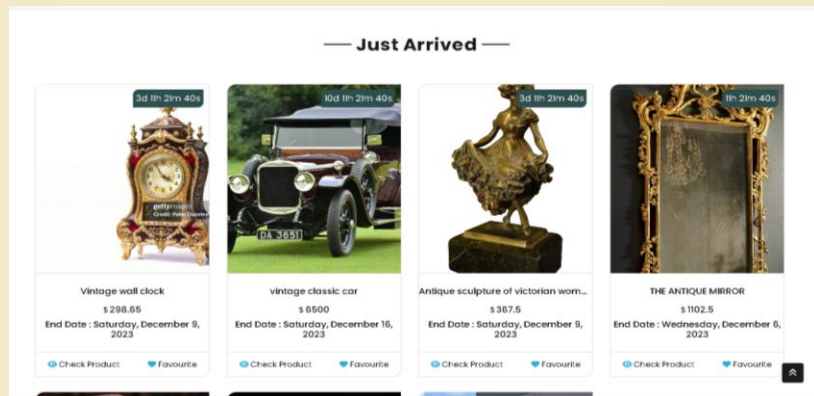
HOW TO RUN

- Install visual studio
- Open the project folder
- Open the API sln file in [project name api folder]
- Use the command "update-database --verbose" in package manager console to create database
- Run the program
- Open the WebApp sln file in [project name webapp folder]
- Users need to signup and login if they don't have account.

Output Screenshots:

LIVE DEMO

ANY QUESTIONS?

THANK YOU

PRESENTED BY

- **Pavan Kumar Madavaram**

- **Mounica Mannam**

- **Caleb Chariyout**