

ONLINE BIDDING SYSTEM

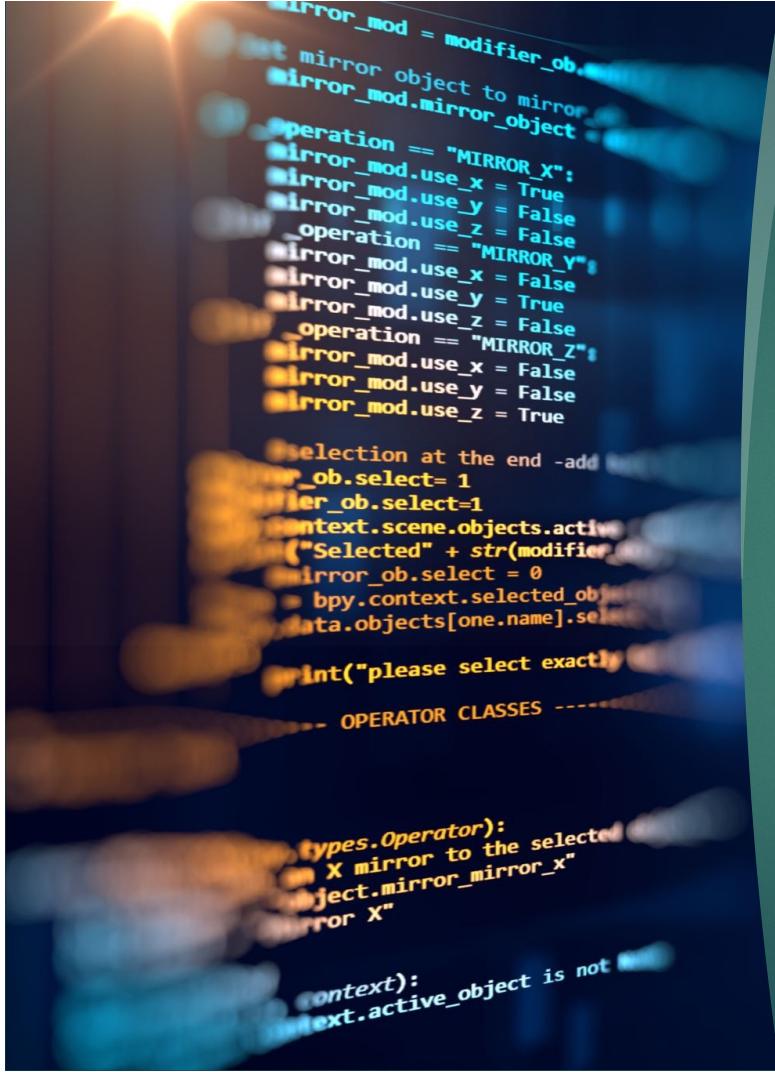


- TEAM MEMBERS:
- PAVAN KUMAR MADAVARAM
- MOUNICA MANNAM
- CALEB CHERIYOUT

Abstract

- ▶ The project Online Bidding System is the software developed to simplify the communication process between the Seller and the Buyer.
- ▶ The software operators include the admin, the Seller, and the Buyers. The seller is responsible for selling a product in the site where other people can buy it based on their winning in the auction.
- ▶ The admin can view Customer and Seller details and Auction details Auction winning report, Product details.
- ▶ When a person placed a bid on a particular product then he is eligible to place an order for the product when he wins the auction by the end of the date where auction closes.
- ▶ The system can thus reduce complexity in maintaining Bidding details and ease the process of Auction for a Product





Languages Used

- ▶ C sharp: : C# is a modern, type safe programming language, object-oriented language that enables programmers to quickly and easily build solutions for the Microsoft .NET platform.
- ▶ HTML: HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript
- ▶ JavaScript: JavaScript is a high-level, often just-in-time compiled language. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

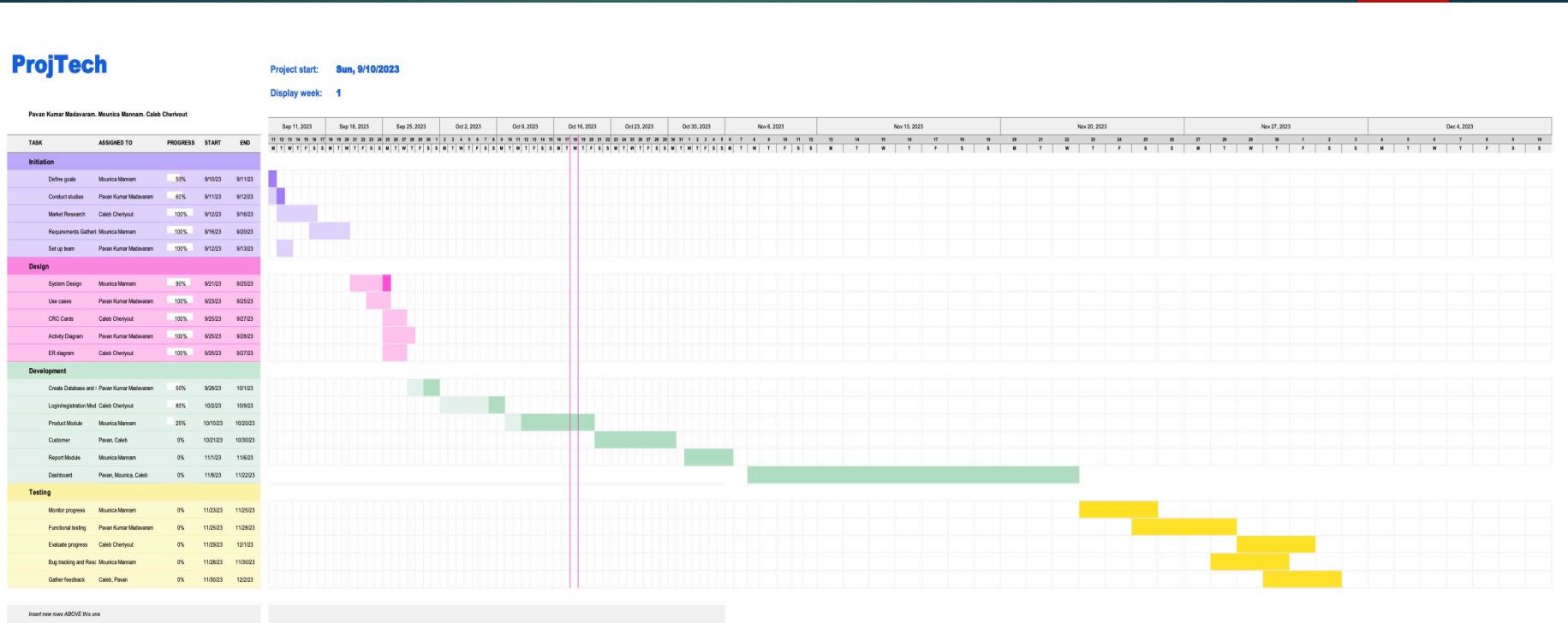
Technologies Used

- ▶ ASP.NET MVC:
- ▶ LINQ:
- ▶ Entity Framework Core:
- ▶ Microsoft SQL Server:
- ▶ CSS
- ▶ Ajax
- ▶ IQuery

BUILT WITH



Gantt Chart:



Responsibilities:

Pavan Kumar

Madavaram: Responsible for the database design, user authentication, and real-time auction features.

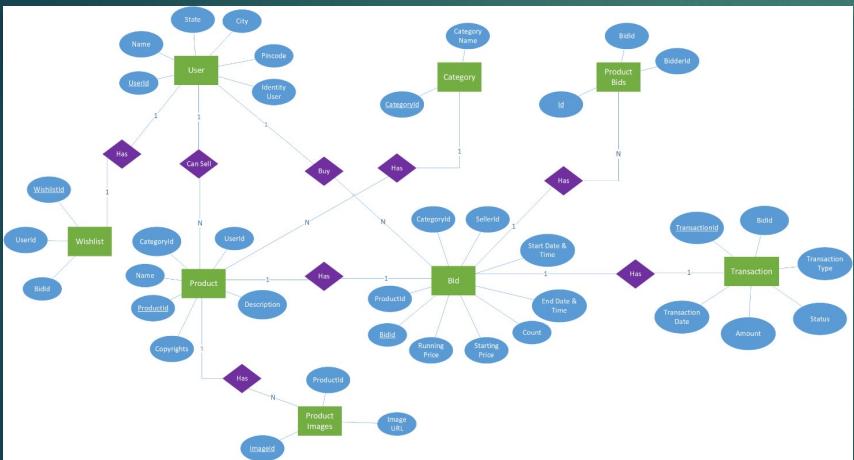
Caleb Cheriyout:

Focused on user registration, login, and user profile management.

Mounica Mannam :

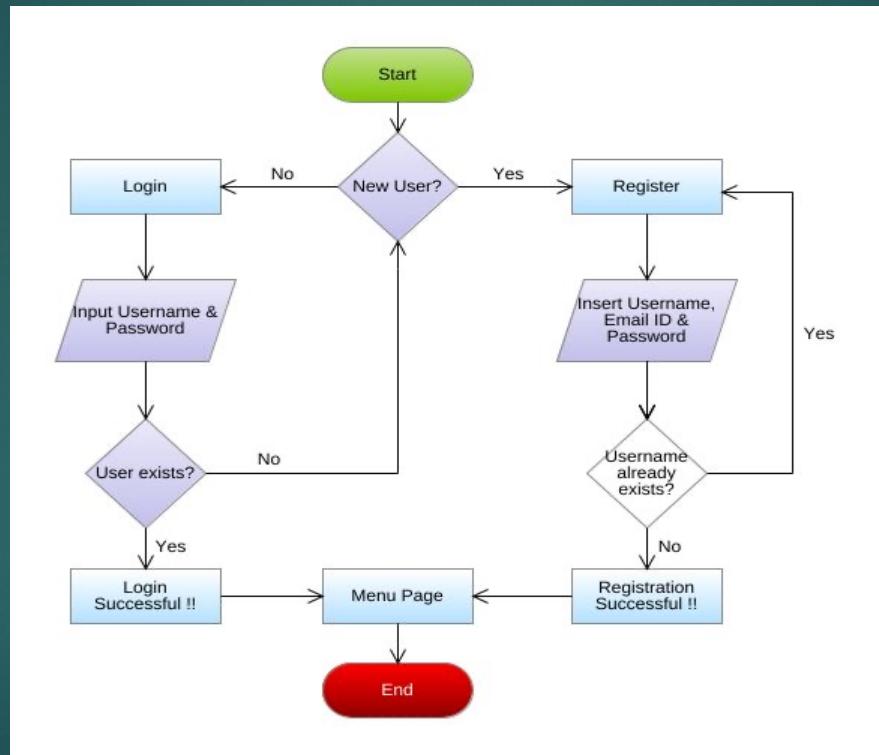
Handling product management, bidding, and auction functionalities.

ER Diagram



Microsoft Entity Framework Core helps in accomplishing database first approach or code first approach. For this project, database first approach is used. It creates dB Context which helps in interaction between Visual Studio and database.

Login/Registration Module



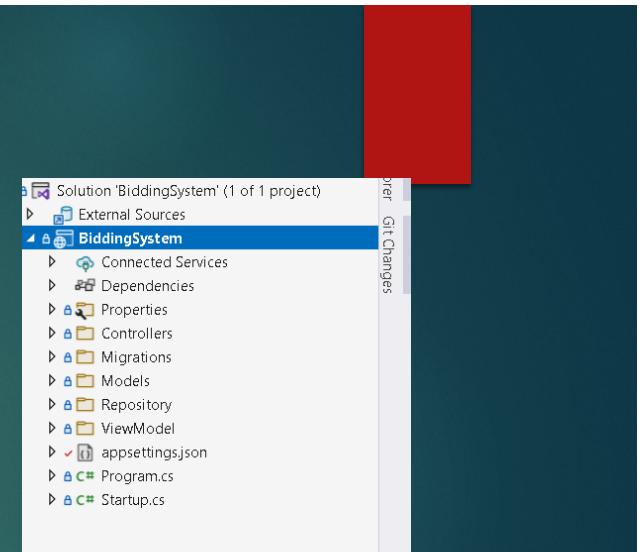
Development

Models of the project:

- ▶ **ApplicationUser** : Application User model consists of id, email, password, phone number, first name, city, state, zip. This model includes complete details of users.
- ▶ **LoginUser** : Login User model consists of details of users. Properties include email and password which are used to login to the website.
- ▶ **Registration** Registration model consists of details of new users. Properties include first name, email, phone number, state, city, zip and password.

Controllers:

- ApiController** : API controller consists of all the routes related to API. Contains the status of API.
- UserController** : User controller consists of all the routes related to Users. Includes all CRUD function calls of Users of the website.



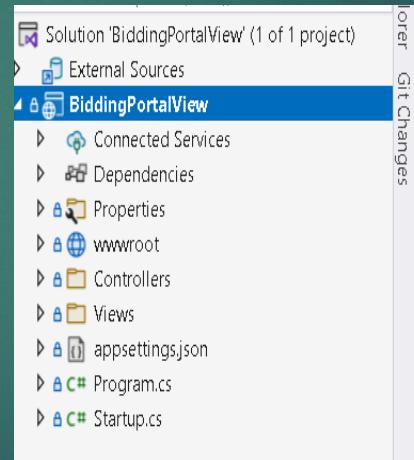
FrontEnd Controllers:

HomeController : Home controller consists of all the views related to Homepage of the website. Includes homepage, error-404 page and server-500 page.

UserController : User controller consists of all the views related to Users of website. Includes all web pages of user such as sign up, sign in, profile.

Repositories:

UserRepository



Product Module:

This collects information like product name, product detail, product image, Start bid, Sale price, Bidding start date and end date.

Models of the project:

Products: Products model consists of details of products of users. Properties include product id, product name, category id, short description, long description, price, copyrights.

ProductImage: Product Image model consists of details of Images of Products. Properties include image id, product id and image url.

Category: Category model consists of details of categories. Properties include category id and category name.

Controllers:

ProductController :Product controller consists of all the routes related to Products of Users. Includes all CRUD function calls of Products.

FrontEnd Controllers:

ProductController : Product controller consists of all the views related to Products of the Users. Includes all web pages of product such as add product, edit product and check product.

Repositories:

CategoryRepository

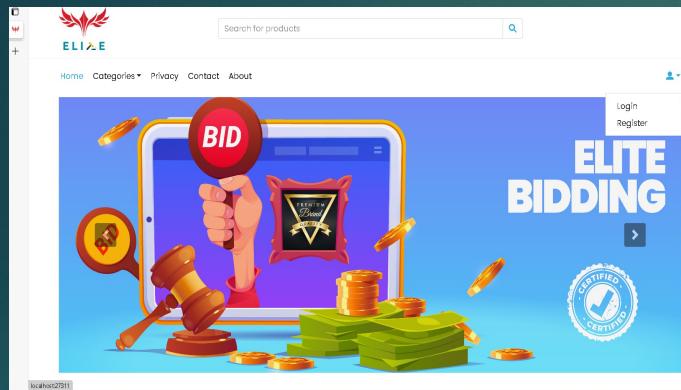
ProductRepository

ProductImageRepository

WEBSITE LOGO :



Output : Registration



This screenshot shows the initial sign-up form. The user has entered "sharukh" for the name, "sharukh@gmail.com" for the email, "walker" for the username, "michigan" for the state, "3543" for the zip code, and "42429384" for the phone number. Below the phone number field, an error message states: "The length of Phone should be 10". The password fields are filled with ".....". Under the password fields, another error message says: "Password does not match". There are two checkboxes at the bottom: "I agree all statements in Terms of service" and "Please accept the terms and conditions". A "Create" button is at the bottom right, and a "Sign in" link is at the bottom left.

This screenshot shows the same sign-up form as the previous one, but with different validation errors. The user has entered "sharukh" for the name, "sharukhg@mail.com" for the email, "walker" for the username, "michigan" for the state, "3543" for the zip code, and "42429384" for the phone number. The password fields are filled with ".....". Below the password fields, an error message says: "Password does not match". There are two checkboxes at the bottom: "I agree all statements in Terms of service" and "Please accept the terms and conditions". A "Create" button is at the bottom right, and a "Sign in" link is at the bottom left.

This screenshot shows the sign-up process after successful submission. The user information remains the same as in the previous screenshots. A success message "Successfully Registered..." is displayed in a modal window. Below the modal, there are "Return to Home" and "Continue" buttons. The "Create" button is still visible at the bottom right, and the "Sign in" link is at the bottom left.

Login:

The image displays two side-by-side screenshots of a web application's login interface. Both screenshots show the same layout: a header with the ELIZE logo and a search bar, a navigation bar with links for Home, Categories, Privacy, Contact, and About, and a user profile icon. Below this is a large decorative graphic of a person holding a key over a padlock on a smartphone screen, surrounded by gears and a gear icon.

Screenshot 1 (Left): Failed Login

The left screenshot shows the "Sign In" form. The "EMAIL" field contains "sharukh@gmail.com". The "PASSWORD" field contains a redacted password. A red error message below the fields states "Email or Password is incorrect". The "Sign In" button is greyed out. Below the form are "Remember Me" and "Forgot Password" links, and a "Not a member? Sign Up" link.

Screenshot 2 (Right): Successful Login

The right screenshot shows the same "Sign In" form after a successful login attempt. The "EMAIL" field now contains "admin@biddingportal.com". The "PASSWORD" field is redacted. The "Sign In" button is now blue and labeled "Sign in". Below the form are "Remember Me" and "Forgot Password" links, and a "Not a member? Sign Up" link.

Product :

Add New Product

CAR

vintage car

Impeccably restored, this 1965 Ford Mustang exudes timeless elegance.

Bidding Start Date Bidding End Date

Bid Start Date Should be Today or Greater

Product Images

Choose Product Image 1 Choose Product Image 2 Choose Product Image 3 Choose Product Copyrights

Add New Product

CAR

vintage car

Impeccably restored, this 1965 Ford Mustang exudes timeless elegance.

Bidding Start Date Bidding End Date

Bid Start Date is Greater End Date

Product Images

Choose Product Image 1 Choose Product Image 2 Choose Product Image 3 Choose Product Copyrights

Add New Product

CAR

vintage car

Impeccably restored, this 1965 Ford Mustang exudes timeless elegance.

Product Added

Your Product has been Added Successfully...

Bidding Start Date

Product Images

