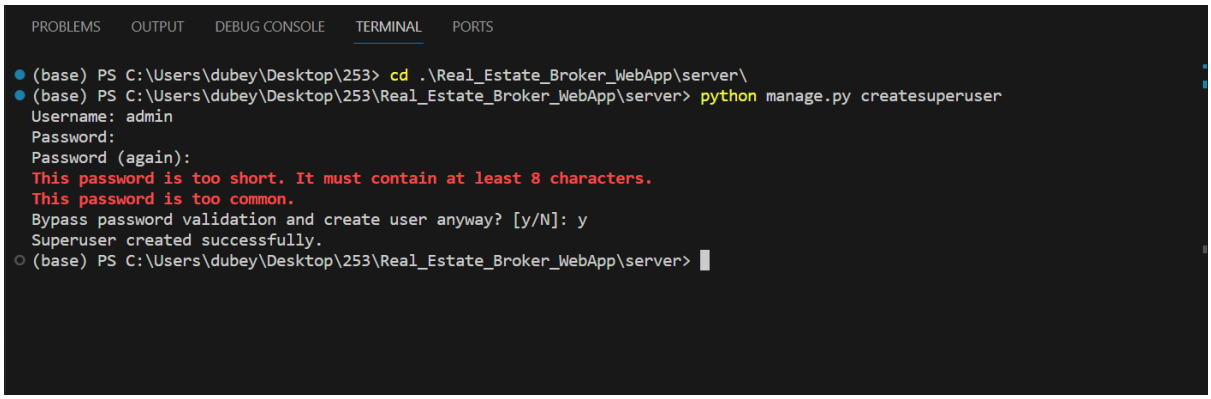
User Manual

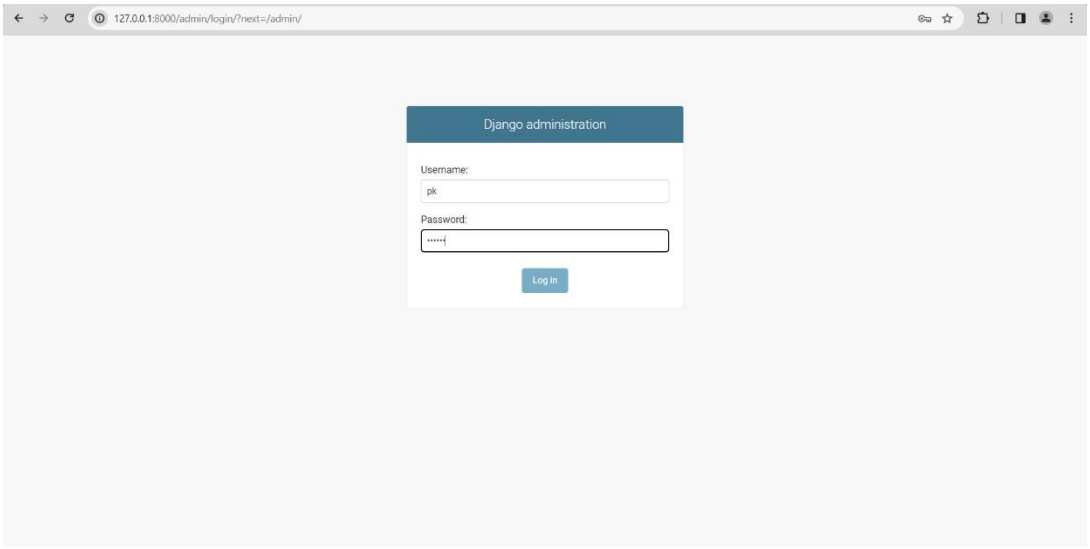
1. Create Admin – Username and Password

To manage properties and user accounts on your real estate website, you'll need to create an administrator account. Here's how to do it:

1. **Open a terminal window.**
2. **Navigate to the server directory.** Use the command cd server to change directories to the location where your website's server files are stored.
3. **Create the administrator account.** In the terminal window, type the command python manage.py createsuperuser. This will initiate the account creation process.
4. **Enter your details.** You'll be prompted to enter a username and password for your administrator account. Choose a strong password to ensure the security of your website.
5. **Login to the admin panel.** Once the account is created, you can access the administrator panel by visiting http://127.0.0.1:8000/admin in your web browser. Use the username and password you created in step 4 to log in.



2. Administrator Login Page

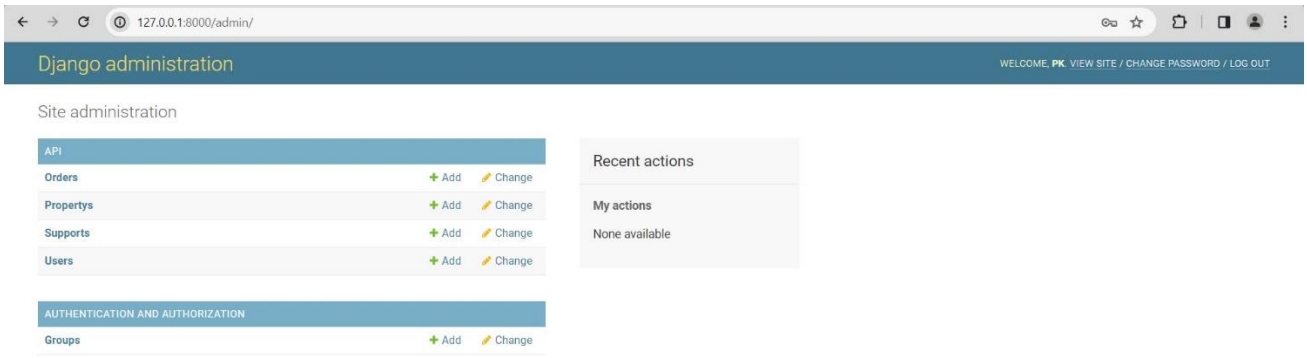


This section details the login process for the administrator interface of the real estate broker webapp.

Logging In:

1. **Access the Login Page:** Navigate to the designated login page URL provided by your system administrator. This might be a specific web address or accessible through the main webapp interface.
2. **Enter Credentials:** Enter your **username** and **password** in the designated fields. These credentials are created by the system administrator and are unique to you.
3. Click Login: Once you have entered your credentials and click the "Login" button.

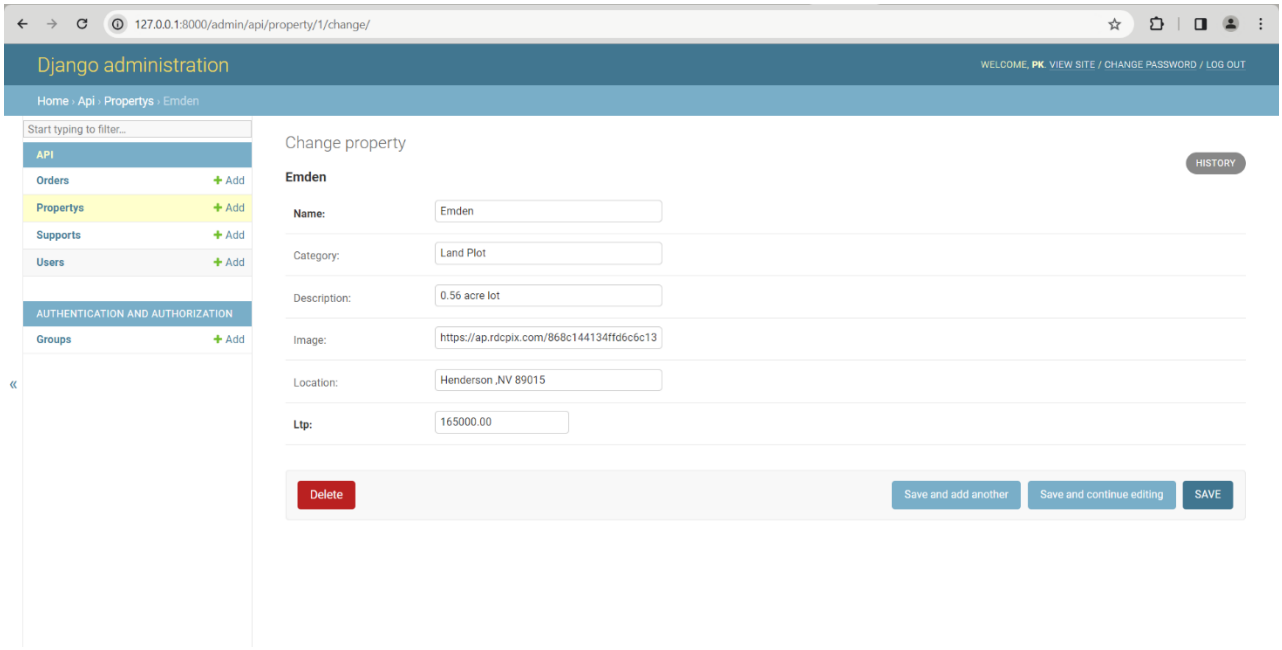
3. Administrator options

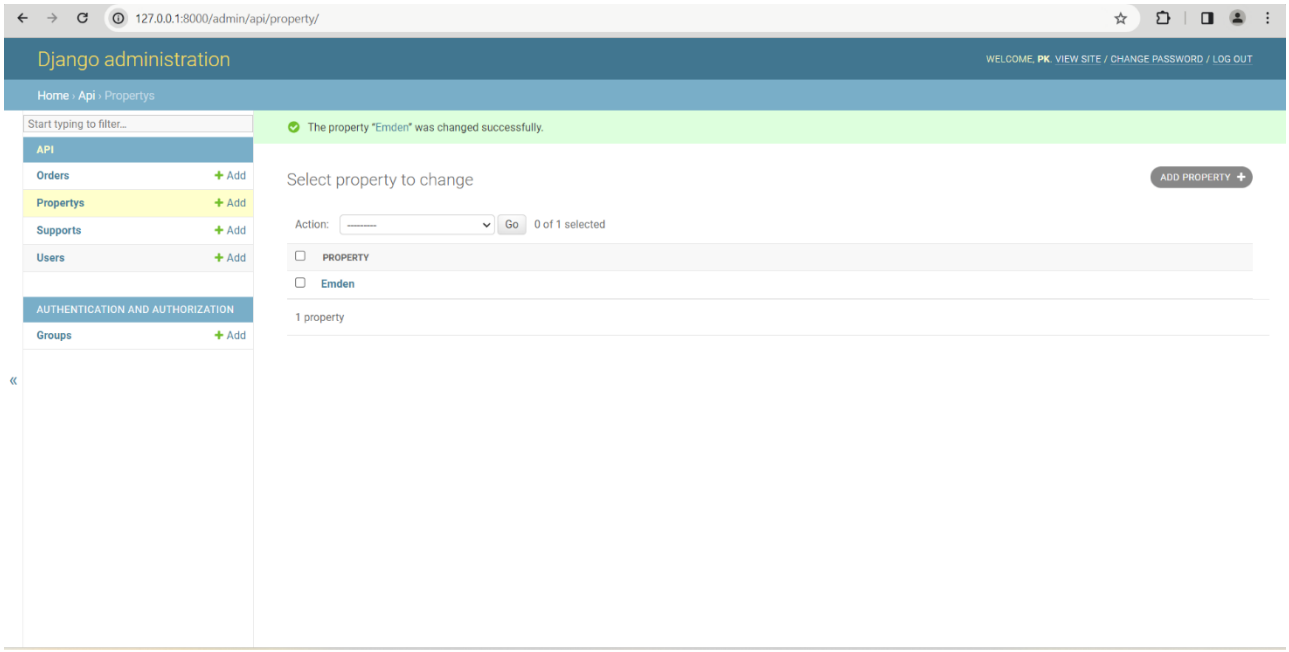


- Upon successful login, you will be redirected to the administrator dashboard.
- The administrator dashboard will provide you with a centralized location to manage various aspects of the webapp, such as:
    - Orders
    - Propertys
    - Supports
    - Users

4. Addition of properties by Admin(for homepage)

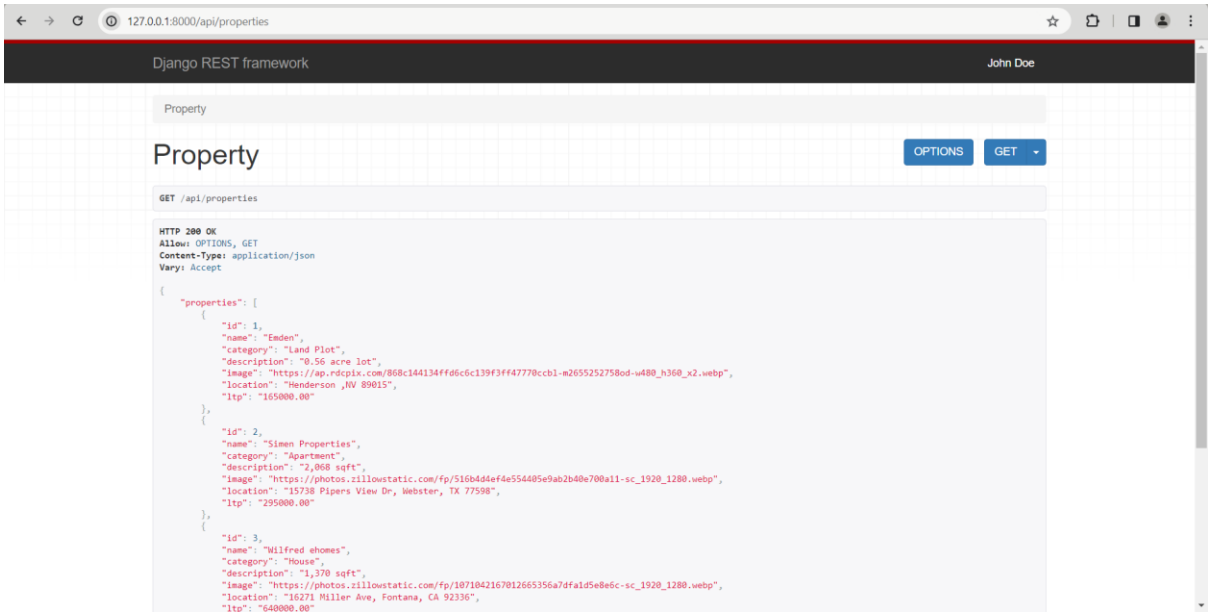
Our website's property listings are managed by administrators. This ensures a curated selection of properties for browsing. Admins can add properties to be displayed on the homepage, allowing you to easily discover them.





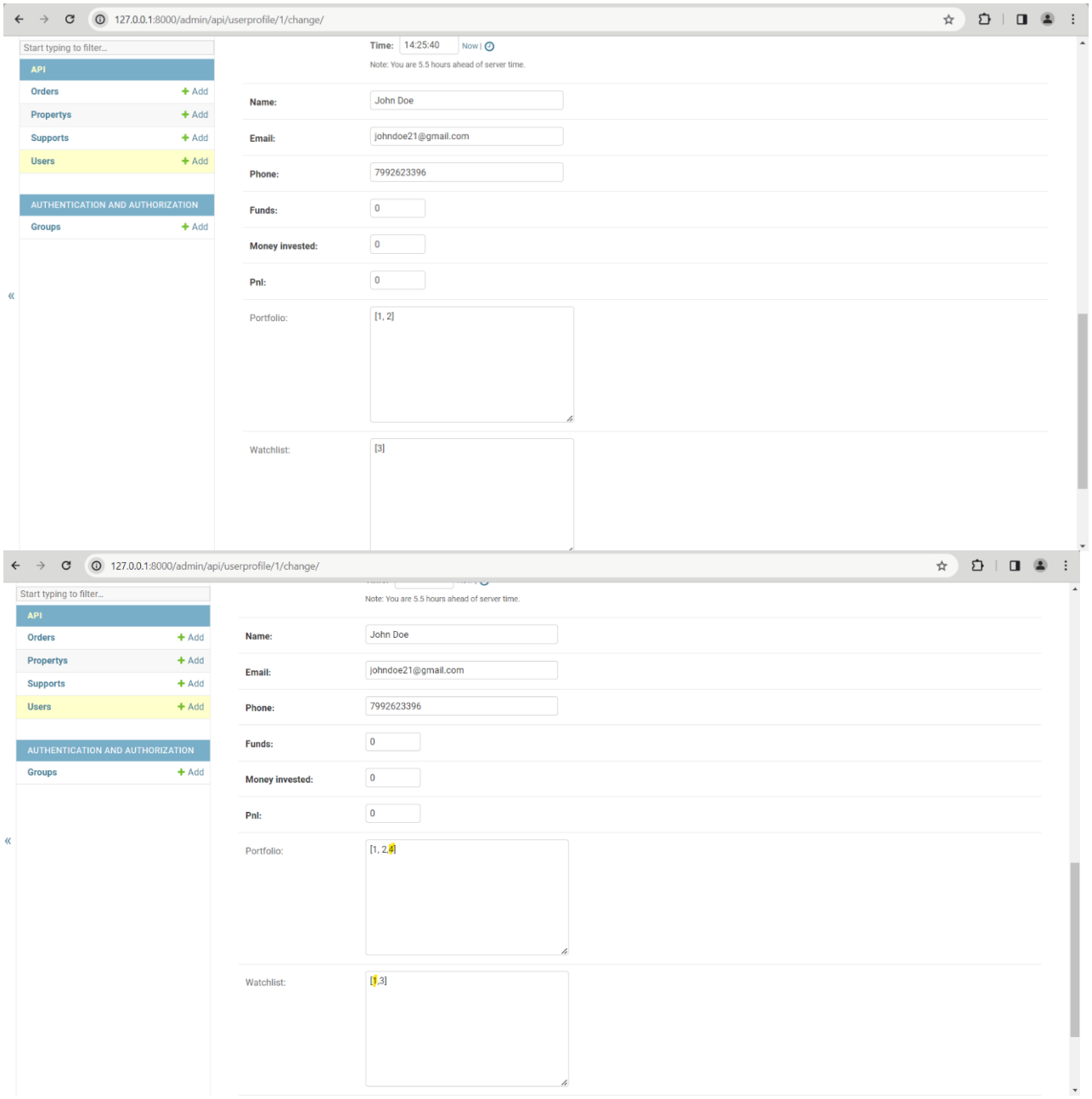
5. Checking property id

To identify the unique ID associated with each property:
Open a web browser window.
In the address bar, navigate to the following URL: http://127.0.0.1:8000/api/properties.



6. Admin Control (addition of property to user's portfolio by property id)

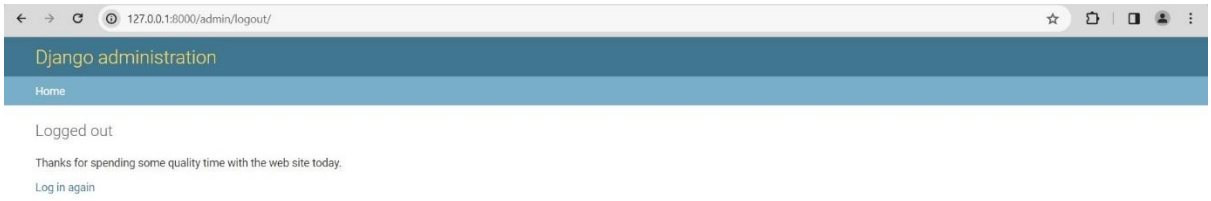
Admins can also manually add properties to the portfolio through their Django terminal. Figure below shows the state from backend and how it changes upon admin's actions.



7. Listing New Properties:

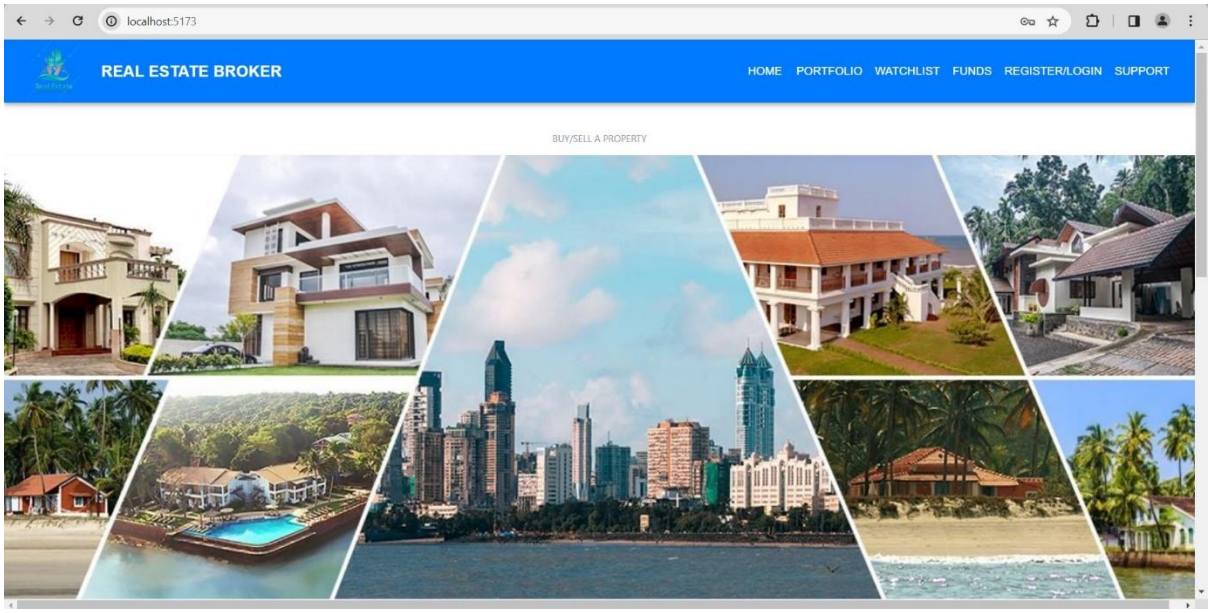
The admin can list new properties after verifing the owner's documents by adding the new property from the admin page, finding it's id and then add the property's id to the owner's portfolio.

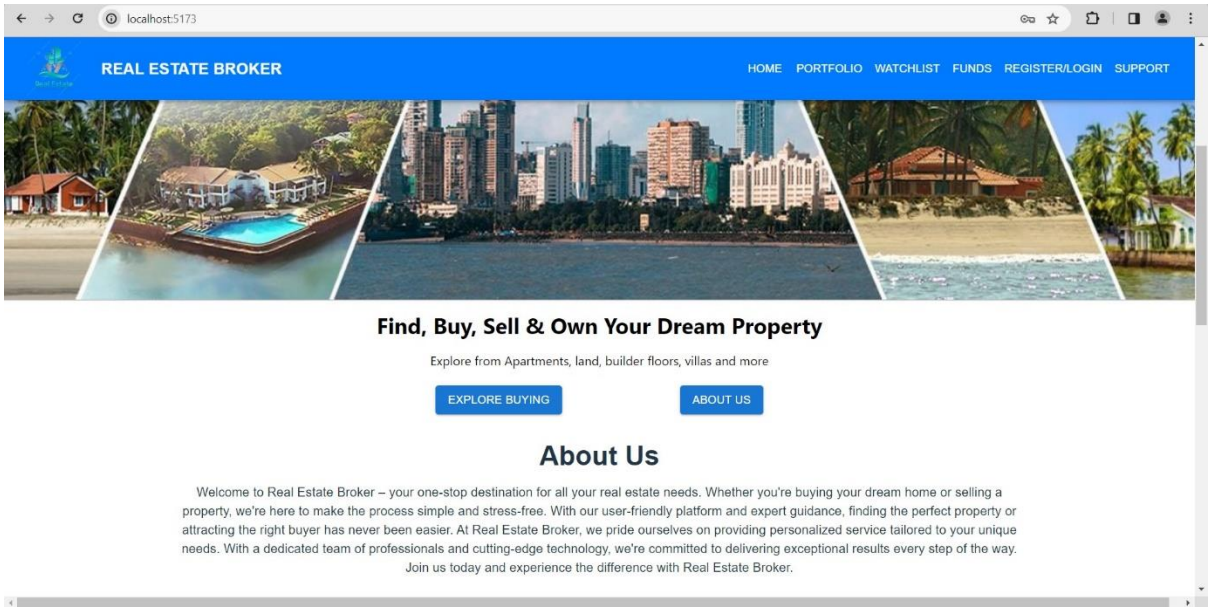
8. Administrator Logout



The administrator can then logout and the following web page will be shown after logging out.

9. User Login

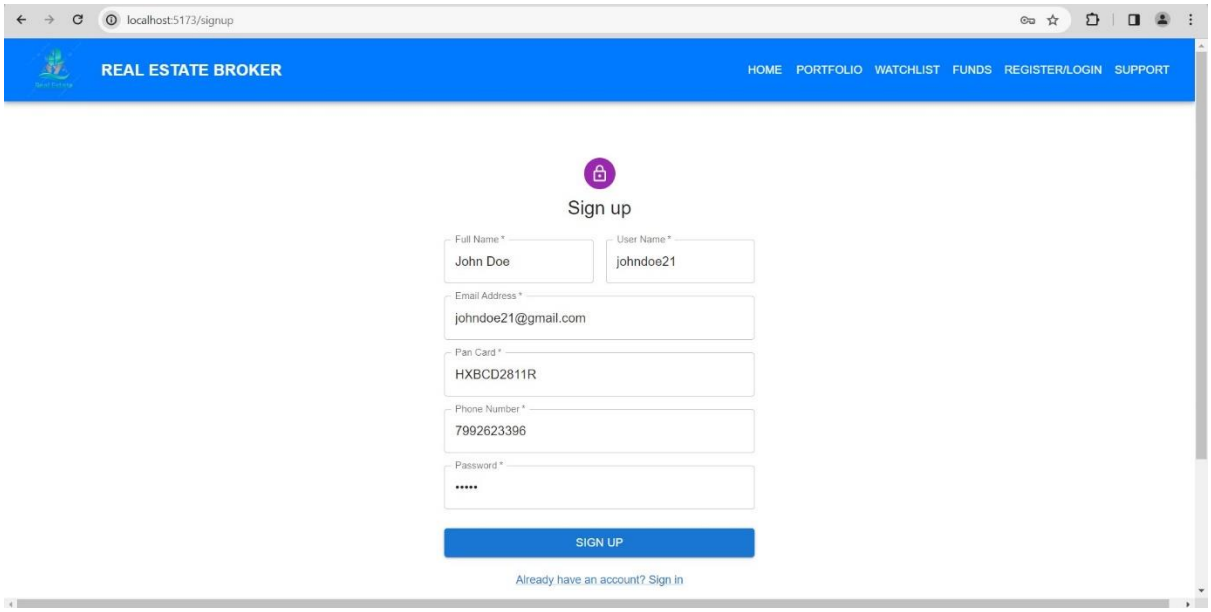




This is the landing page for the user. The user can then click on the register/login to reach the signup page.

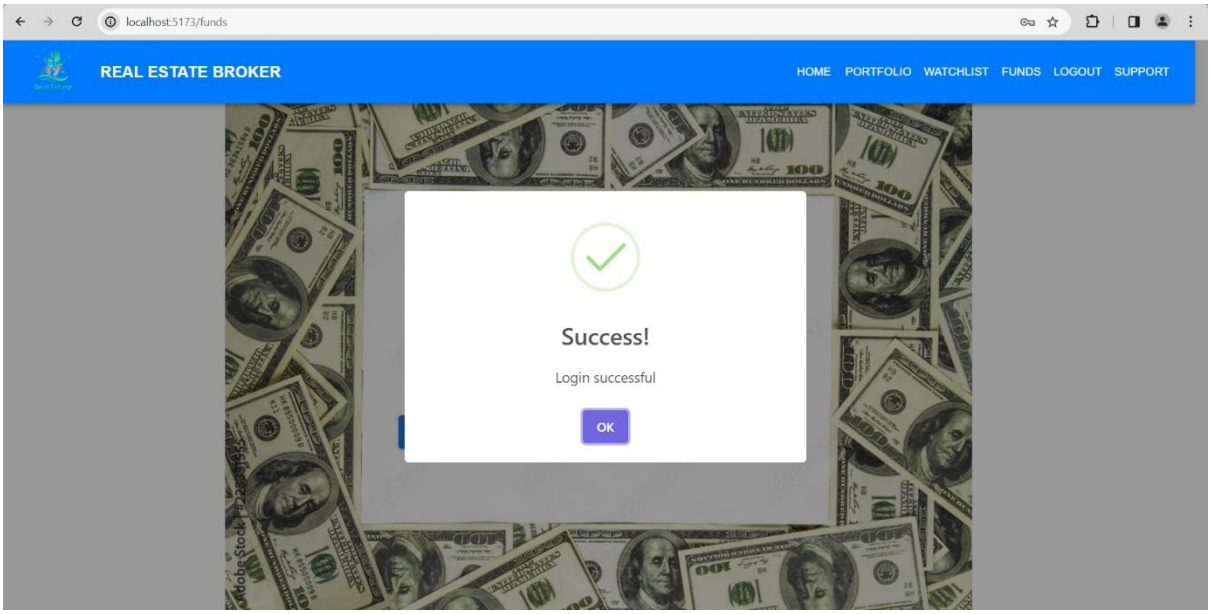
10. Signup and Profile Setup

After reaching the register page, you have to enter your full name, user name, email address, pan card number, phone number and the password you wish to setup. Post that, clicking on the Signup button will allow for the creation of your id.



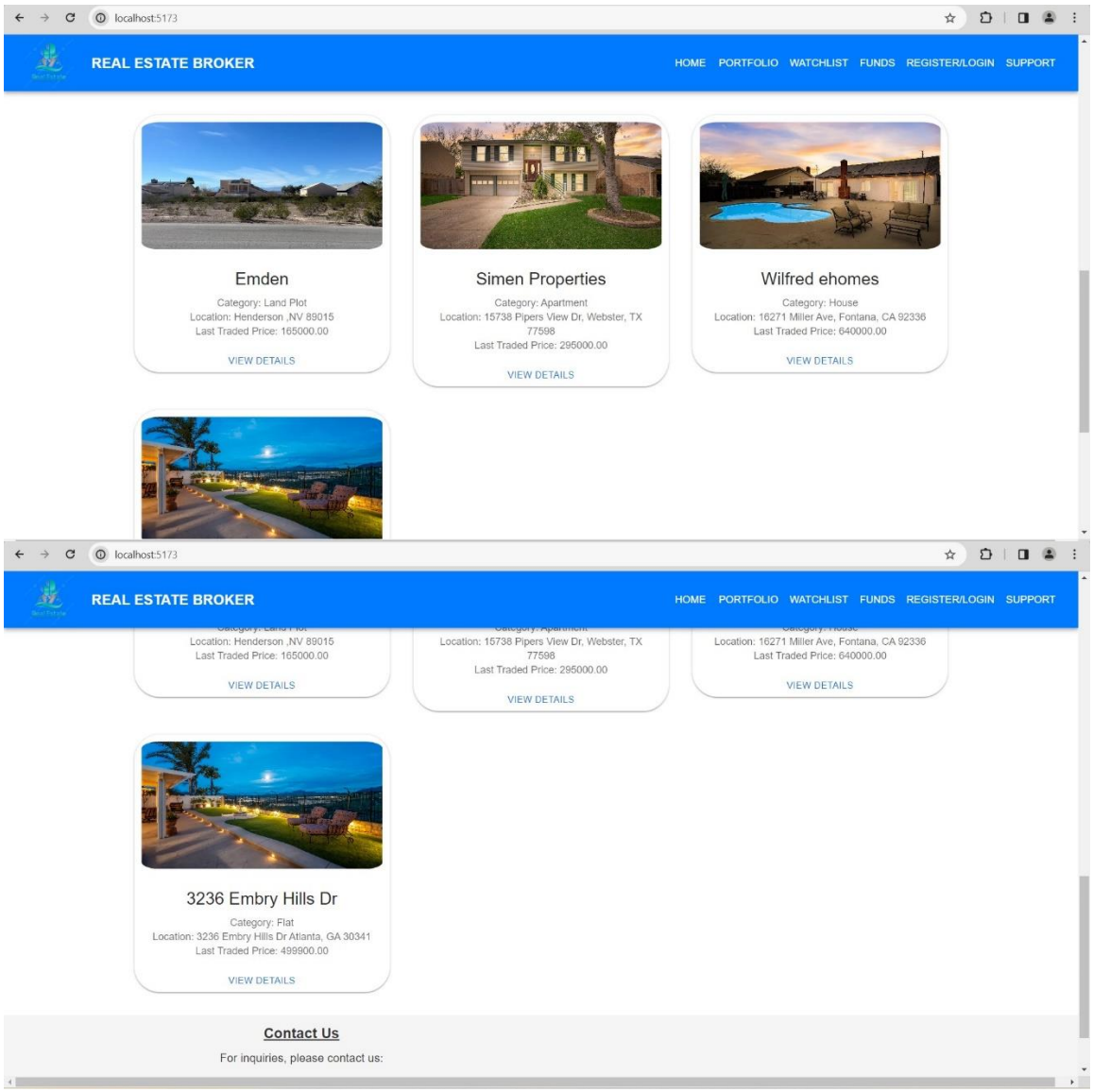
11. Signing in

Having successfully generated a username and password, the system goes back to the landing page which is the sign-in page. Following the successful sign up, users can simply enter the chosen username and password to login into the system by clicking on the ‘Log In’ button.



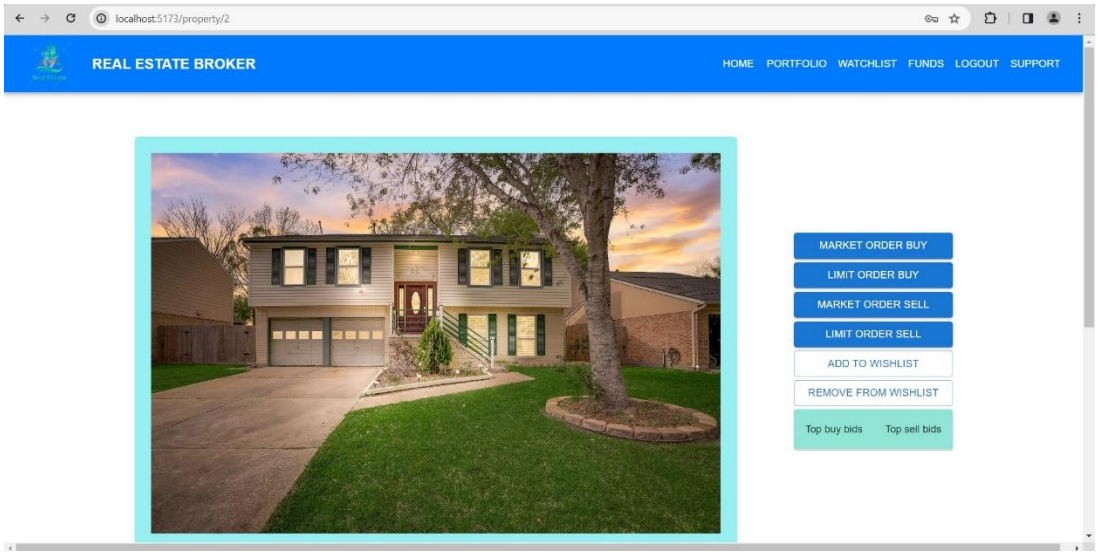
12. Exploring Properties

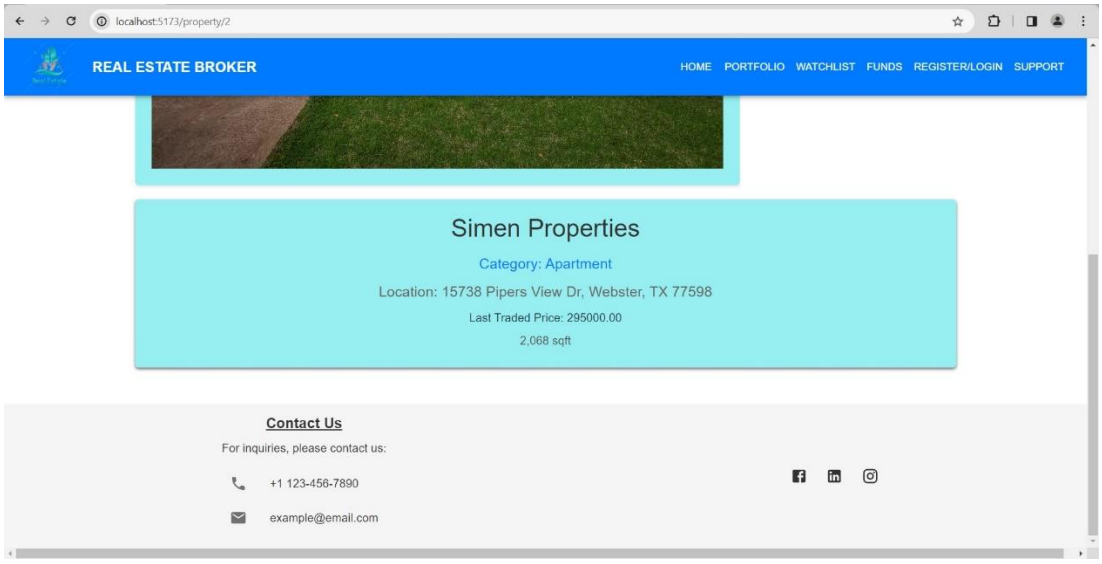
Clicking on the ‘Explore Buying” button will bring you to the listings page where all the properties for sale are listed. Here the user can browse through the properties that are up for sale and this page can be explored without logging in. Clicking on any of the properties will take you to that particular properties listing with various options for the user.



13. Property Page and Options

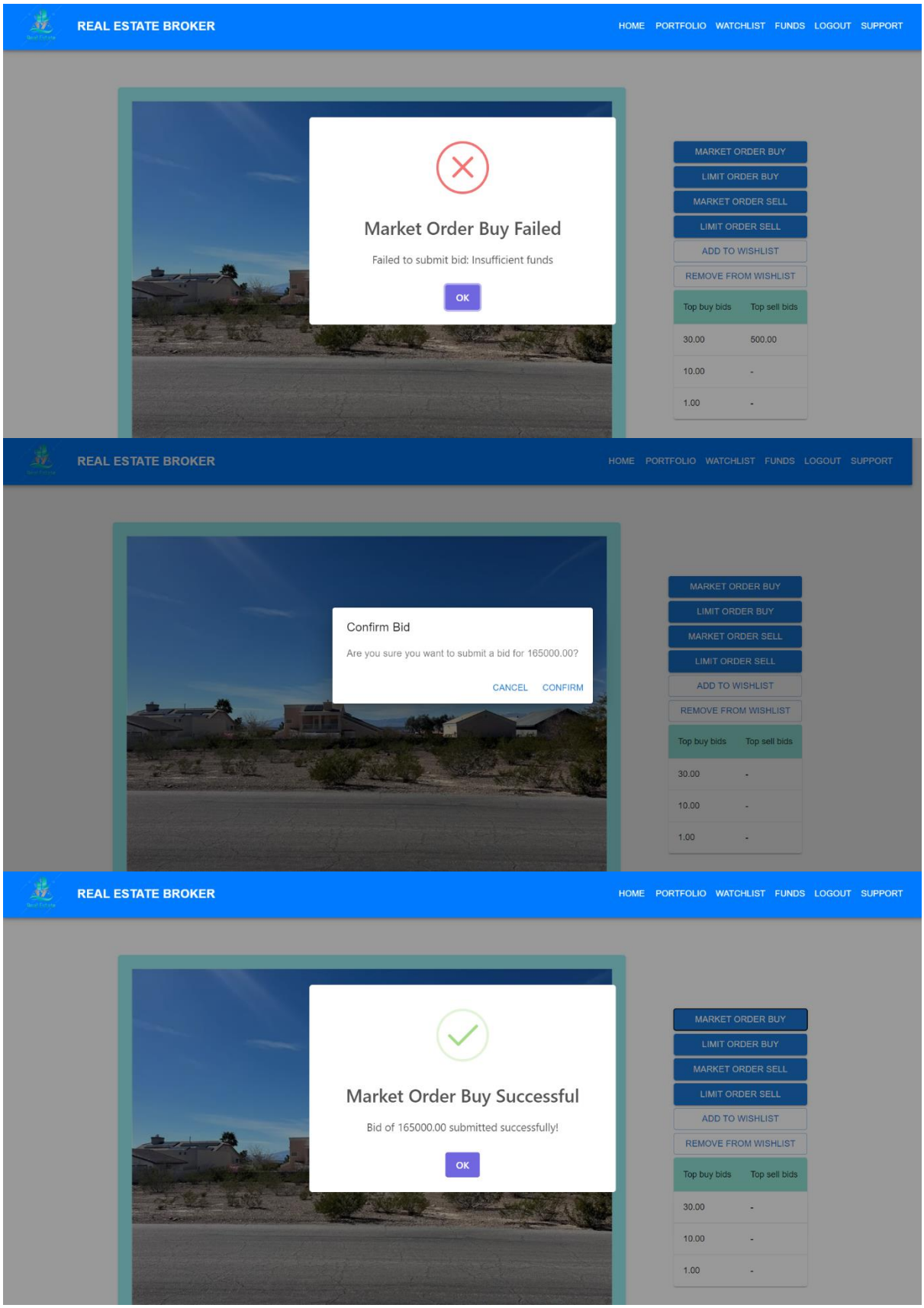
Clicking on a particular listing will bring you to that particular properties page. Here the user has the option to market order buy/sell, limit order buy/sell, add to Wishlist and remove from Wishlist. The option to buy or sell will be valid depending on whether the user owns the property or not. If the user owns the property then they can sell otherwise they can only exercise the option to buy. The user can also add or remove the property from their Wishlist as they see fit. The user also has the option to see the top bids for buying and selling the property. Additional details about the property are also listed on the page: type of property being specified in category, the location address, last traded price as well as the square footage.





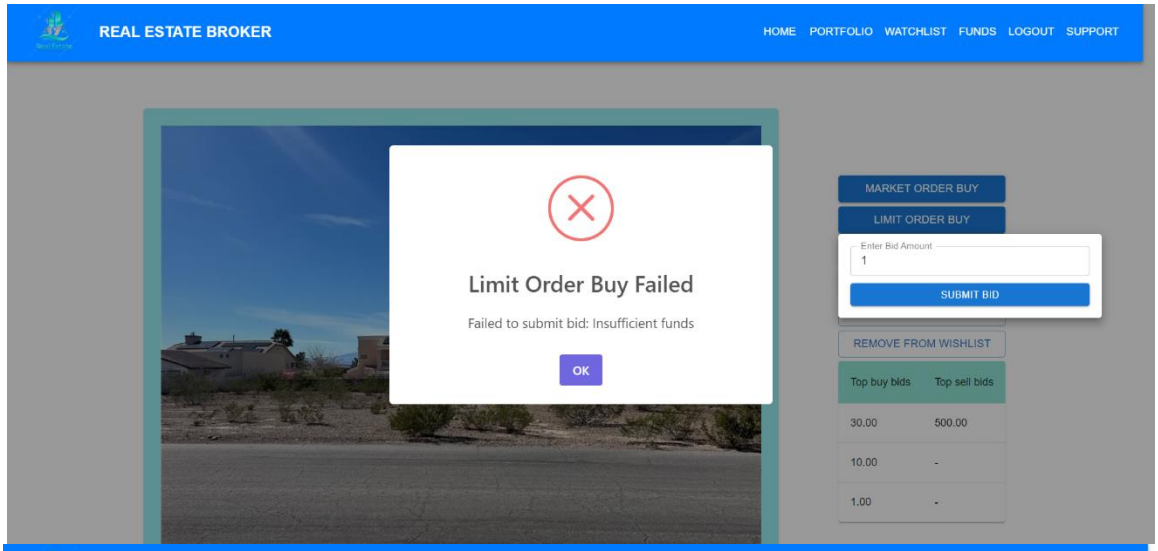
14. Market Order Buy

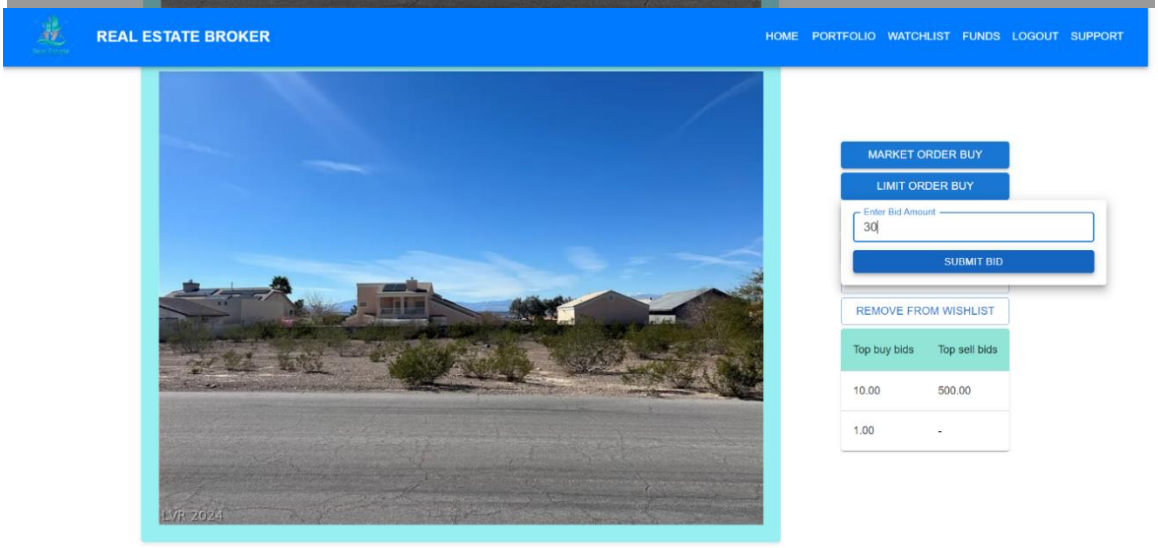
Users can buy at top sell bid instantly if they have sufficient funds and only if they are sold.

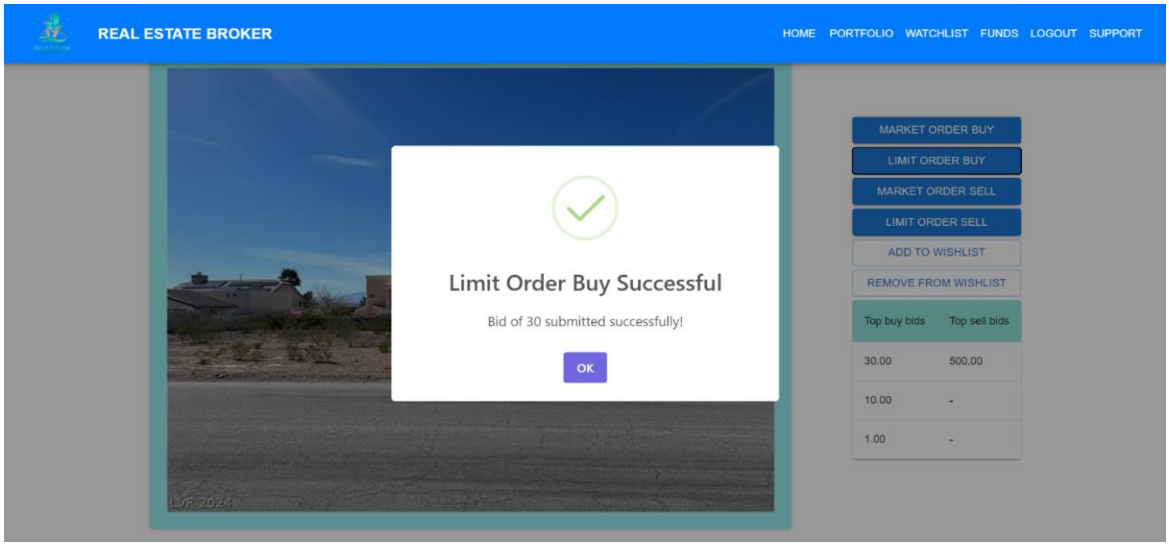


15. Limit Order Buy

You can place a bid to buy a property at a specific price. You are required to have enough funds to buy the property at the specified price. The order will be executed when your bid is the best bid and someone places a market order sell.

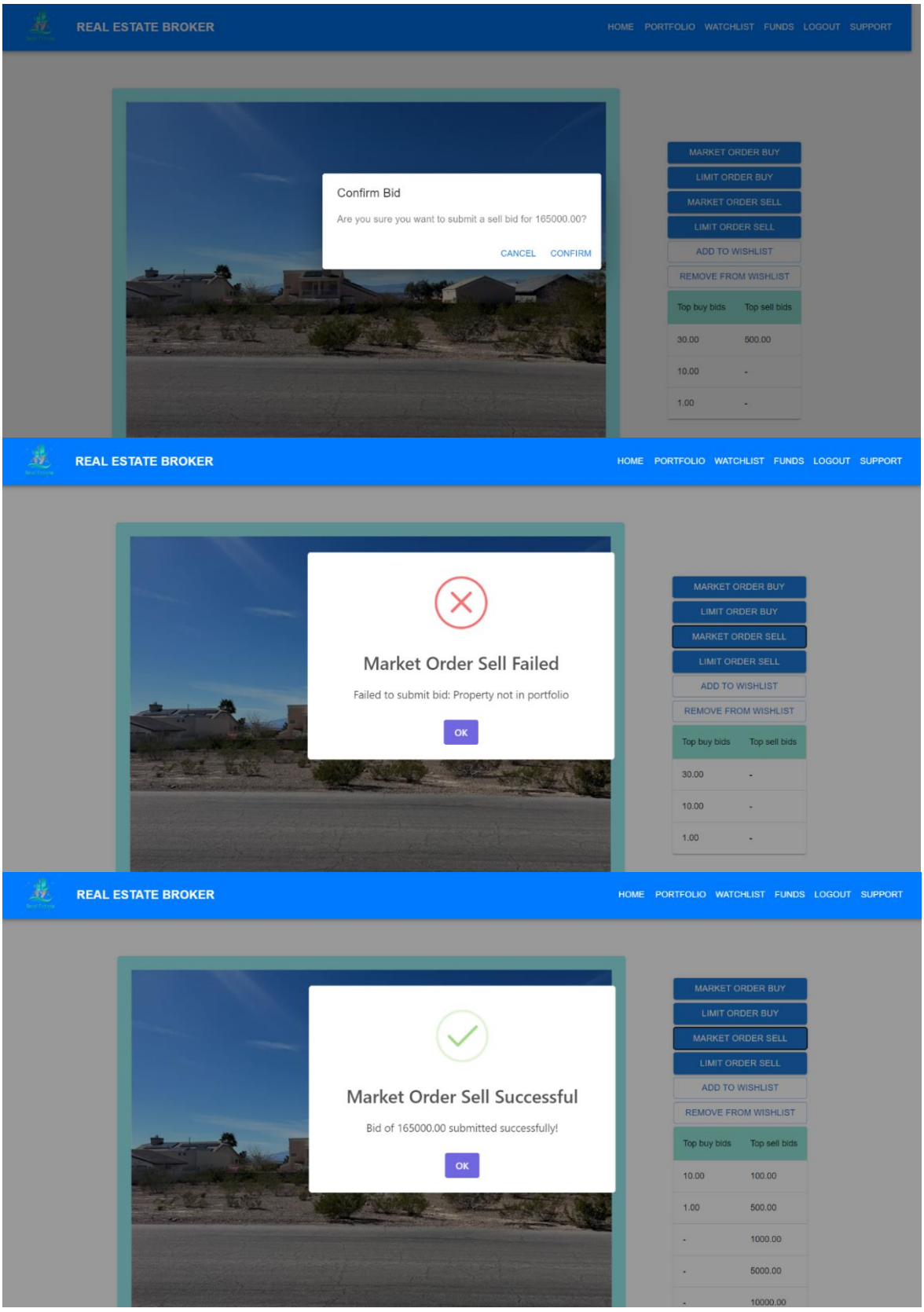






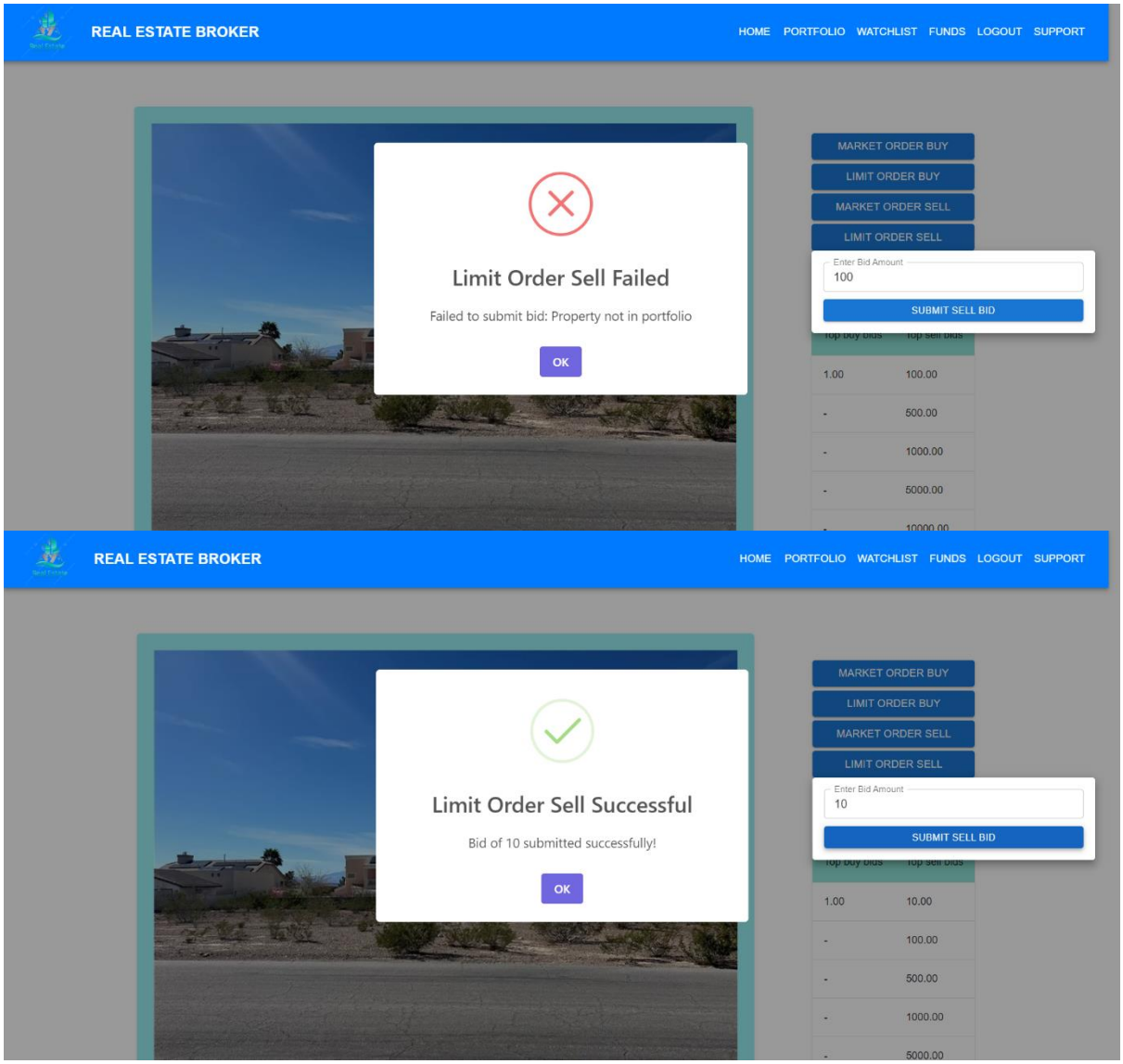
16. Market Order Sell

Users can market sell, if they own the property and there are buy bids present on the property , to instantly sell their property at the best available price.



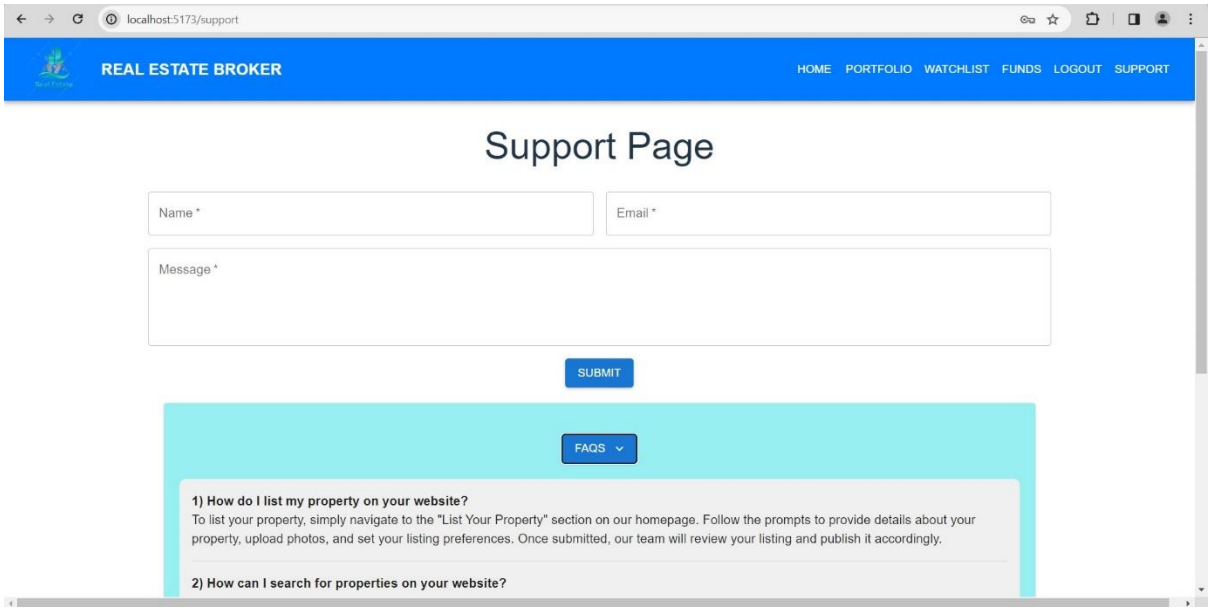
17. Limit Order Sell

Similar to Limit order Buy, users can place a bid to sell their property if they own it.



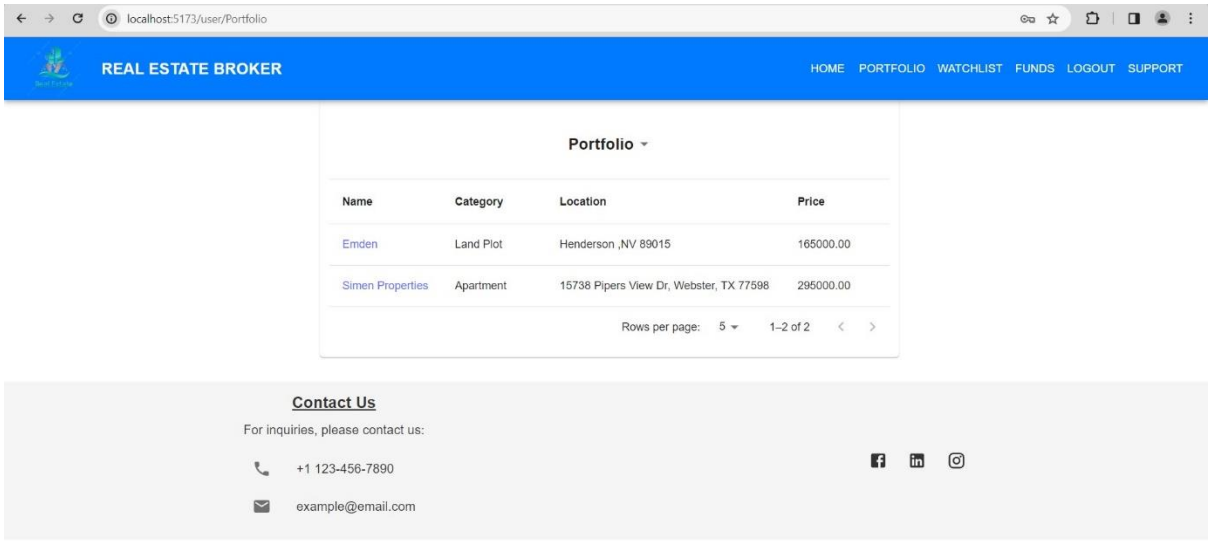
18. Dashboard option: Support

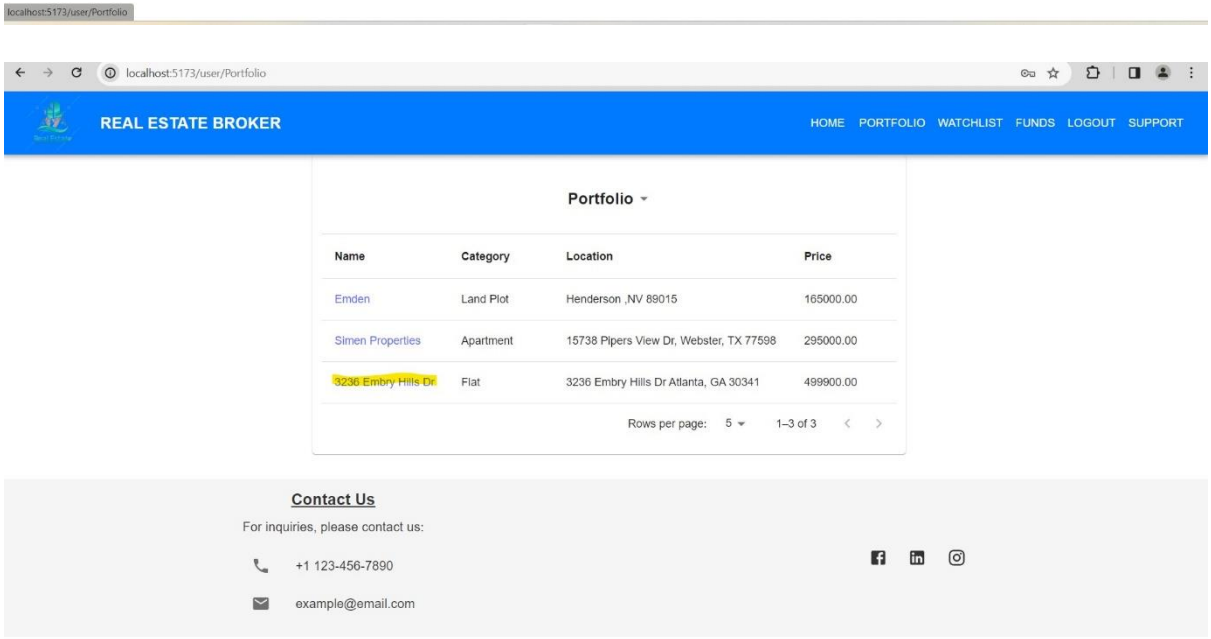
The user also has the option to ask for support for any queries that they may have. They will have to enter their name, email and their query in the message box and submit it. Some general frequently asked questions are also listed along with answers on this page.



19. Dashboard Options: Portfolio

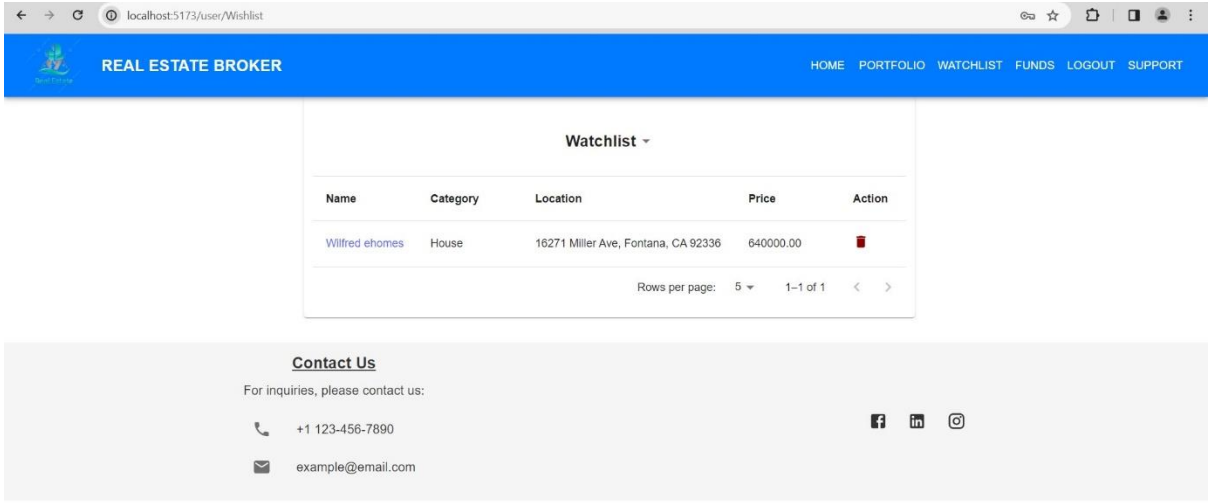
This tab lists the properties that are owned by the user. The portfolio contains details of their property transactions as well. The user can view the name, category, location and price of the property. Any additional transactions will be added to the portfolio as shown below.

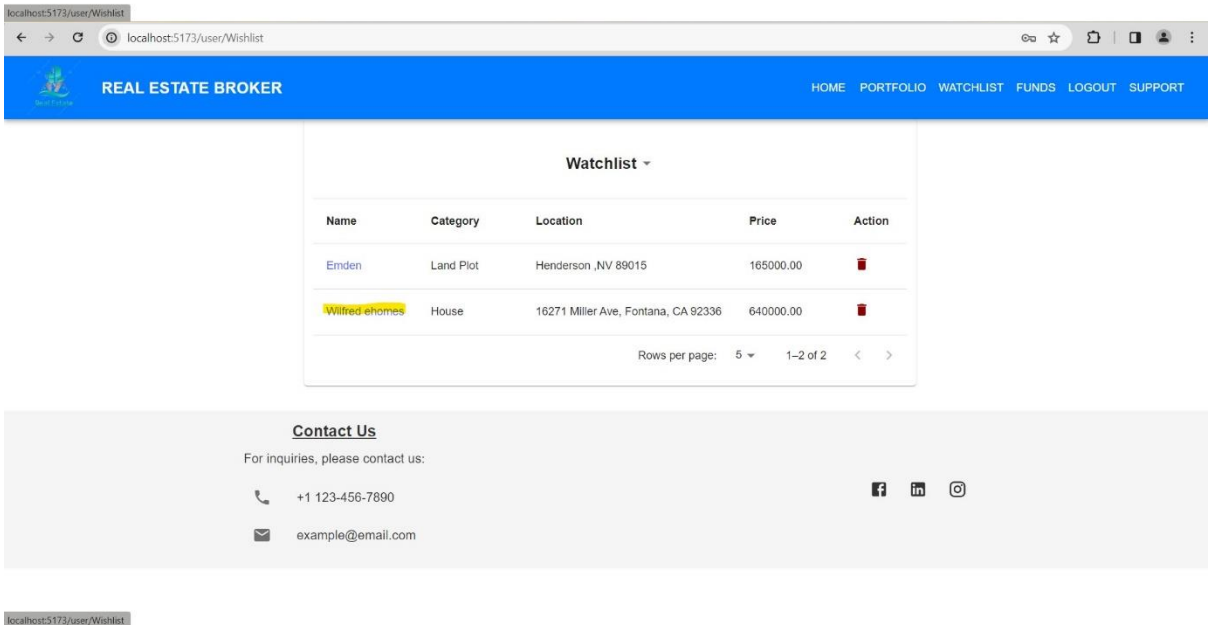




20. Dashboard Option: Watchlist

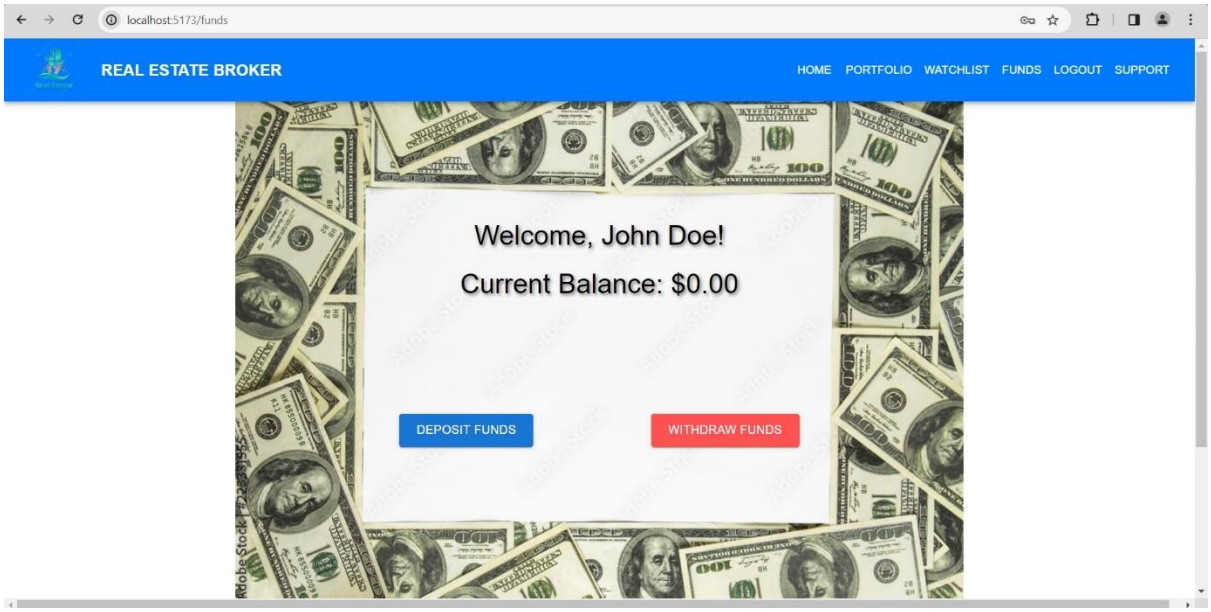
The watchlist shows the properties that the user has added to the watchlist. The user can add properties here that they are interested in and want to track. It shows the the name, category, location and price of the property as well as an action button which gives the user the option to remove that property from the watchlist. Any additional properties will be added to the watchlist as shown below.





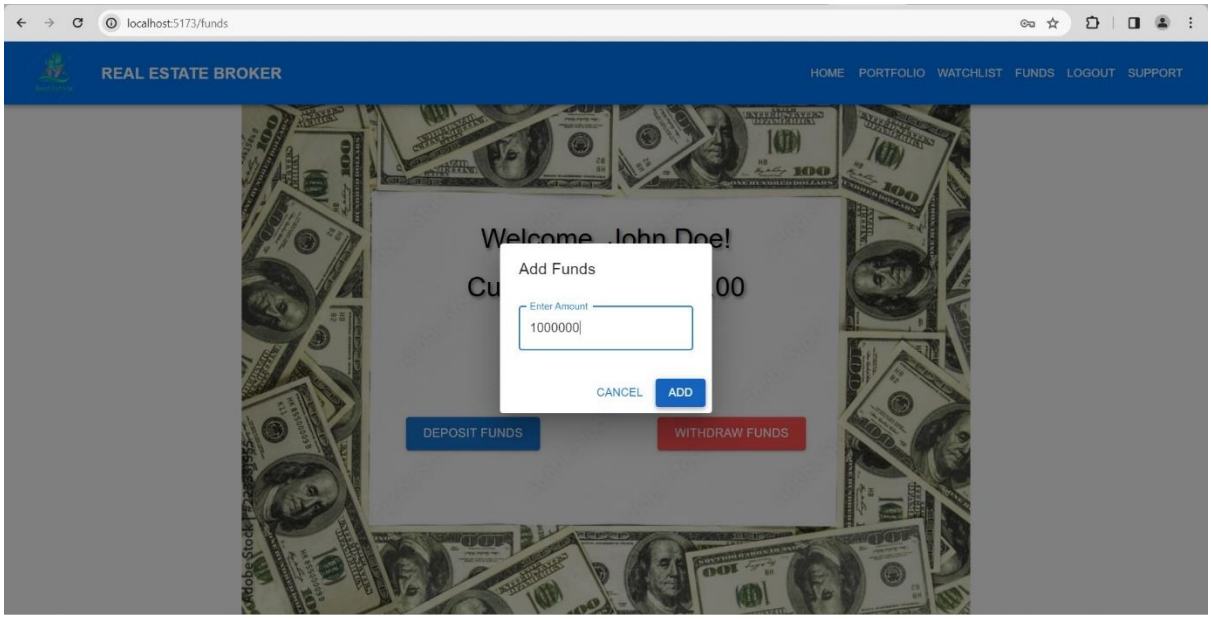
21. Dashboard option: Funds

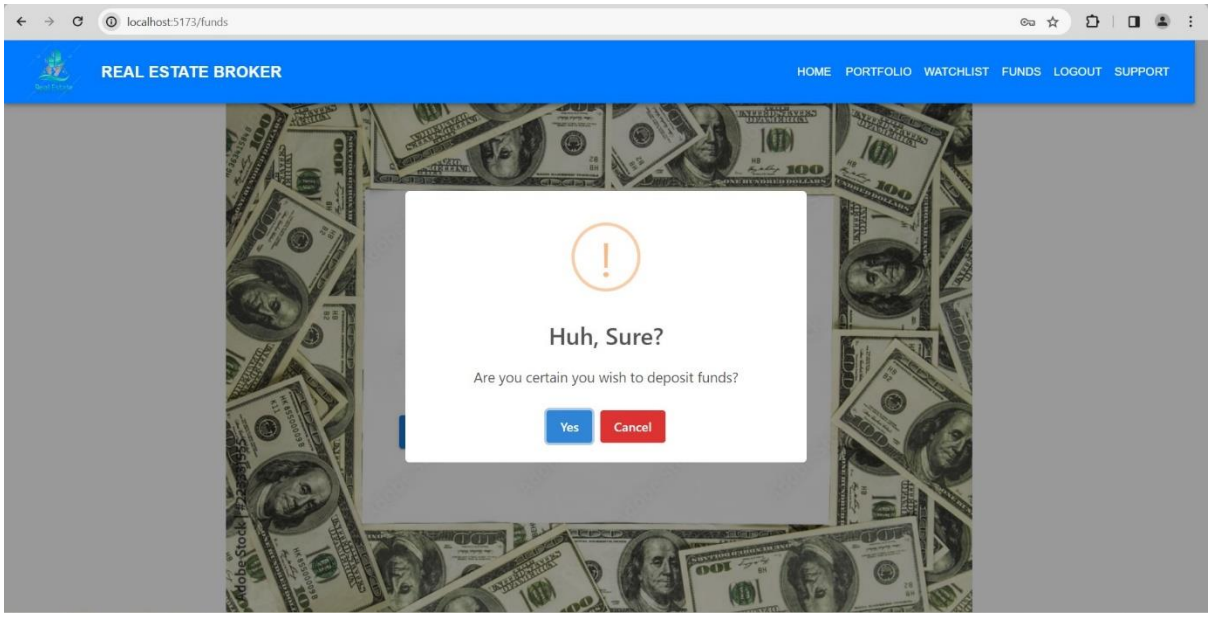
The user can add their funds for their transactions. The user has the option to both deposit and withdraw funds. The current balance is also reflected here.

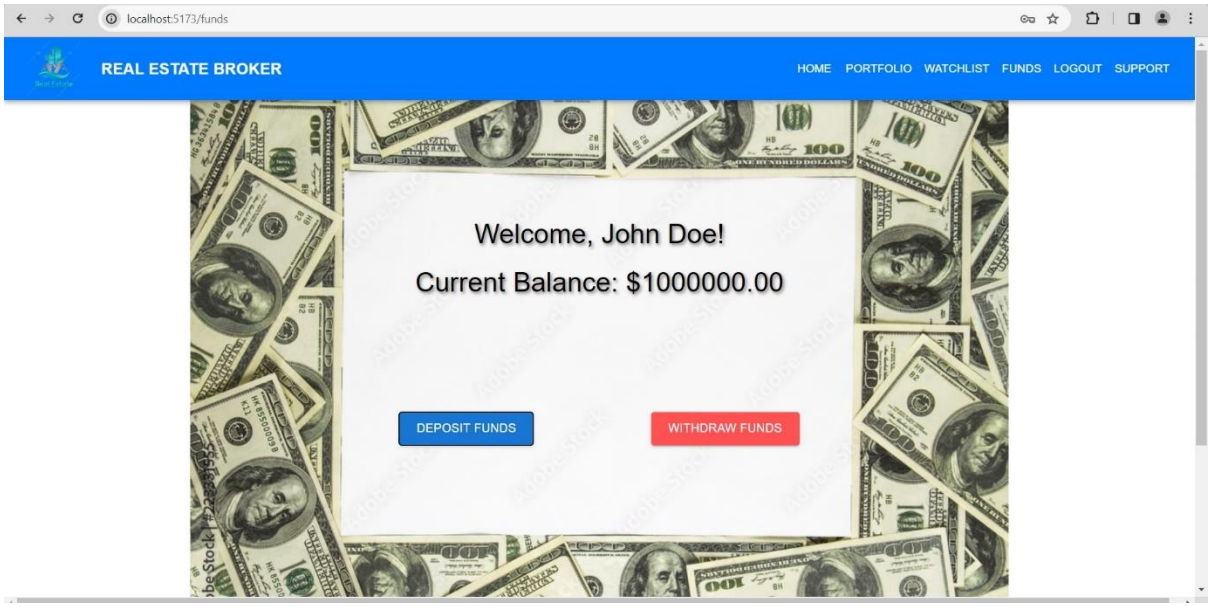


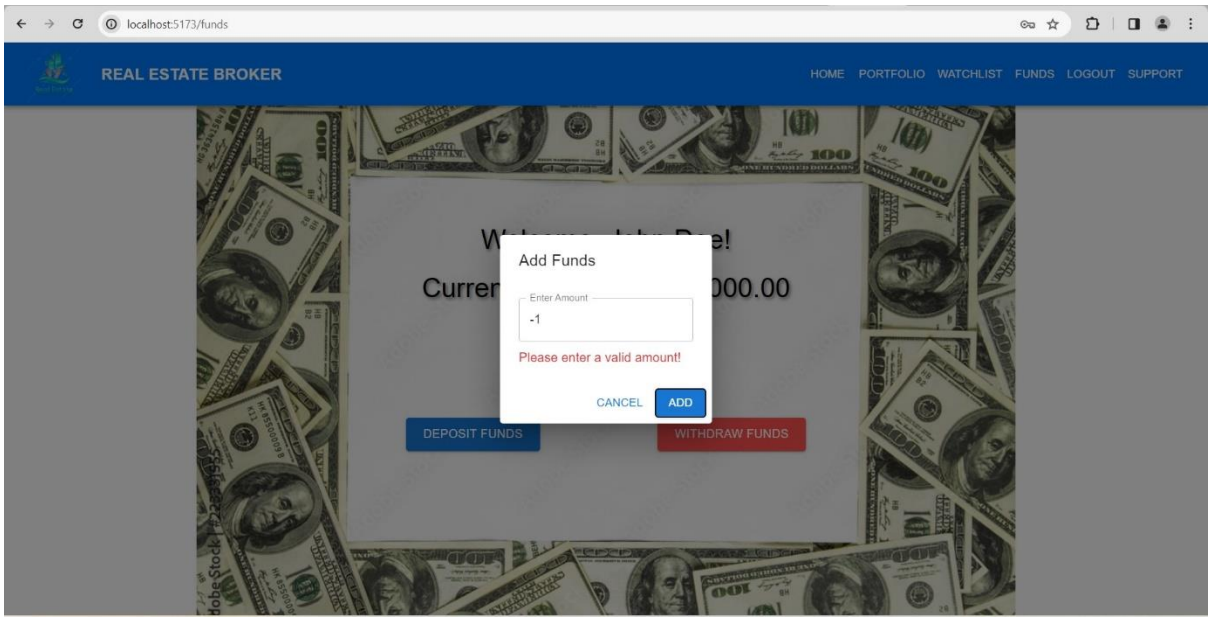
22. Deposit Funds

The user can click on deposit funds to add funds to their accounts to engage in placing orders. The user will then enter the amount they want to add. There is a prompt to confirm the transaction which asks if the user is sure about adding funds. The user has the option to click yes and confirm or click on cancel at this stage. Upon clicking yes, the funds will be added to the account as shown. Note that if negative numbers or invalid entries are made when prompted to enter the amount then it will ask the user to enter a valid amount.



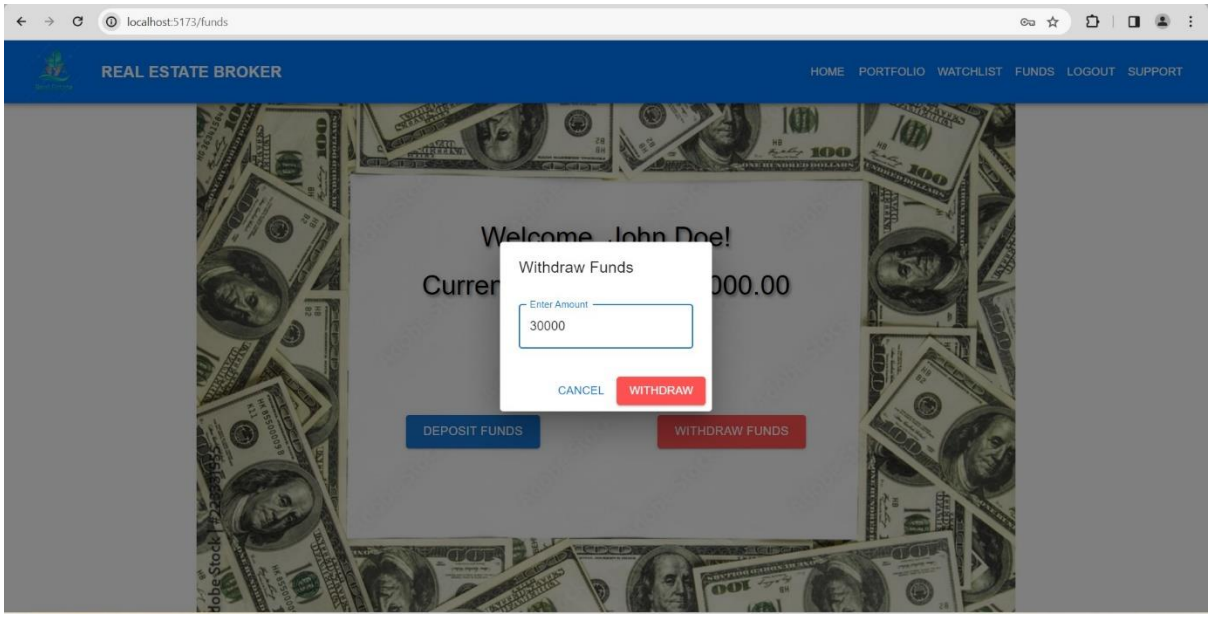


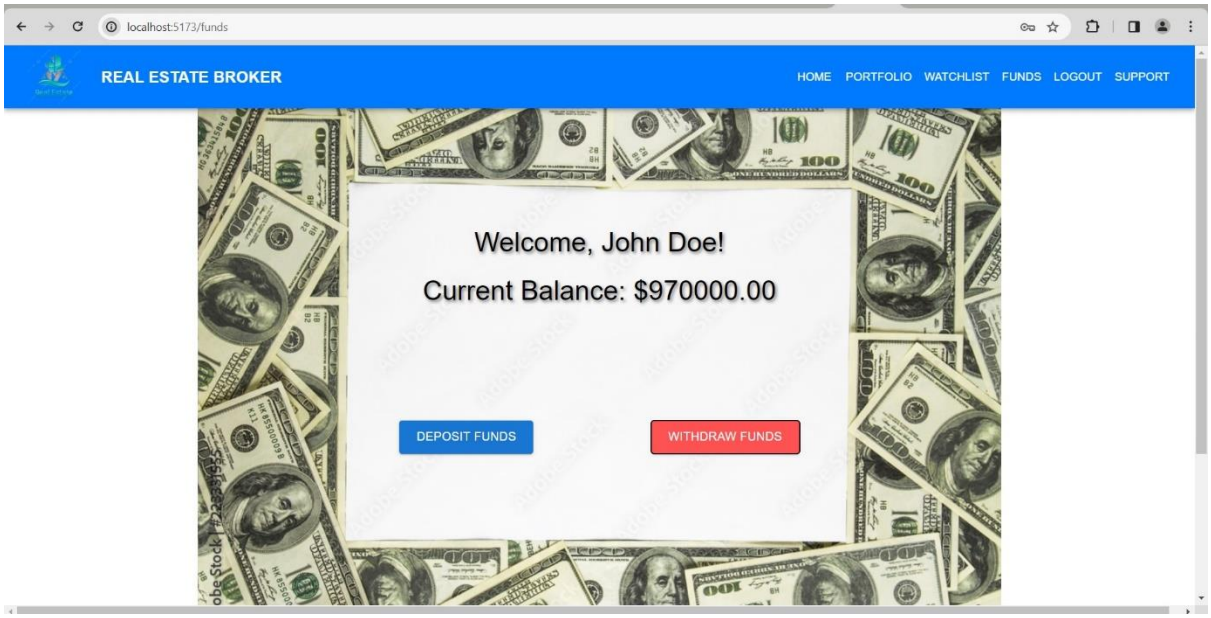

localhost:5173/funds
REAL ESTATE BROKER
HOME PORTFOLIO WATCHLIST FUNDS LOGOUT SUPPORT
Welcome, John Doe!
Current Balance: $1000000.00
DEPOSIT FUNDS
WITHDRAW FUNDS

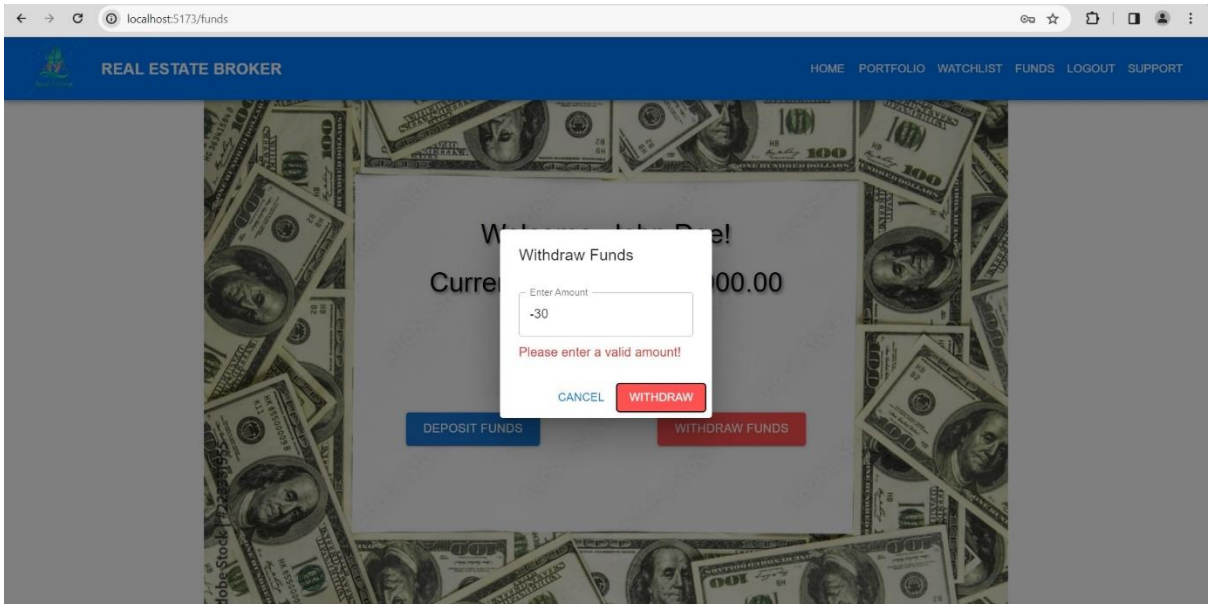

localhost:5173/funds
REAL ESTATE BROKER
HOME PORTFOLIO WATCHLIST FUNDS LOGOUT SUPPORT
Add Funds
Enter Amount
-1
Please enter a valid amount!
CANCEL
ADD
DEPOSIT FUNDS
WITHDRAW FUNDS

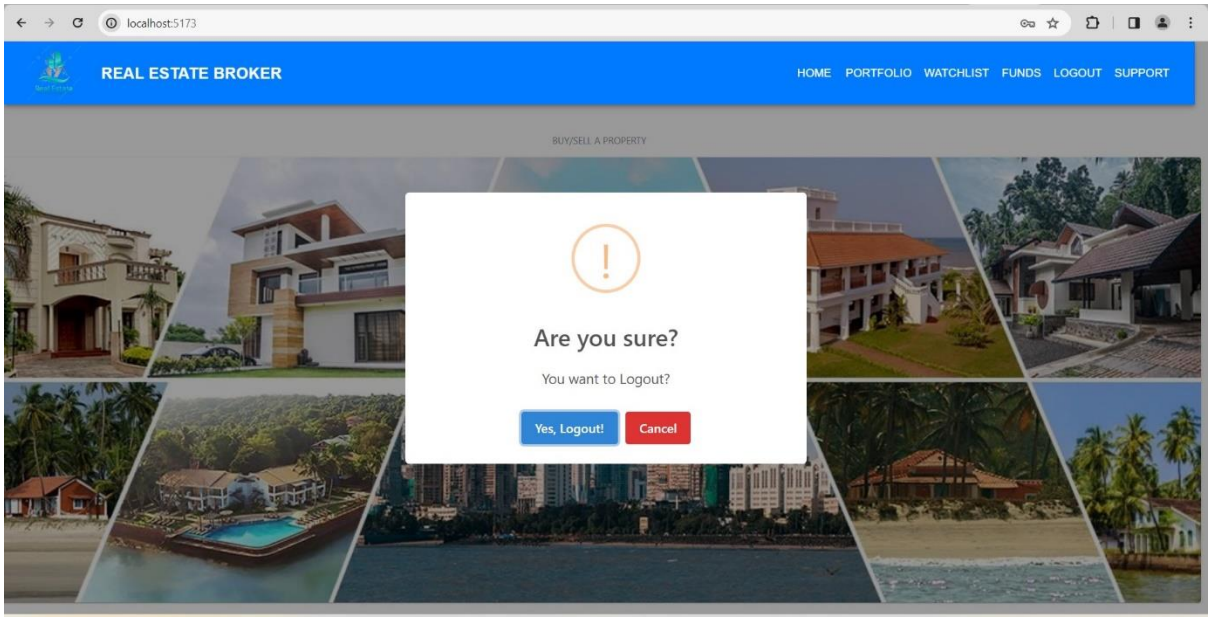
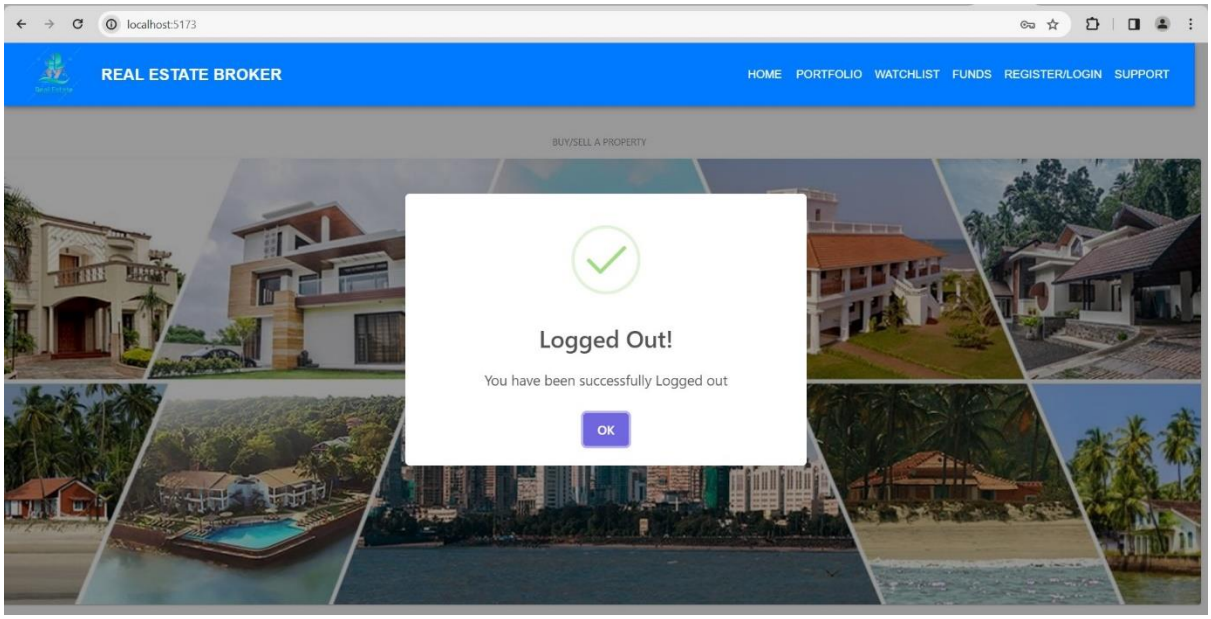
23. Withdraw Funds

The user can click on withdraw funds to take back funds from their accounts. The user will then enter the amount they want to withdraw. There is a prompt to confirm the transaction which asks if the user is sure about withdrawing funds. The user has the option to click yes and confirm or click on cancel at this stage. Upon clicking yes, the funds will be withdrawn from the account as shown. Note that if negative numbers or invalid entries are made when prompted to enter the amount then it will ask the user to enter a valid amount.






localhost:5173/funds
REAL ESTATE BROKER
HOME
PORTFOLIO
WATCHLIST
FUNDS
LOGOUT
SUPPORT
Withdraw Funds
Enter Amount
-30
Please enter a valid amount!
CANCEL
WITHDRAW
DEPOSIT FUNDS
WITHDRAW FUNDS

24. Logout

The ‘Logout’ button present on the navigation bar lets the user to logout of the application and takes the user back to the landing page of the site i.e also the sign in page for the application.