

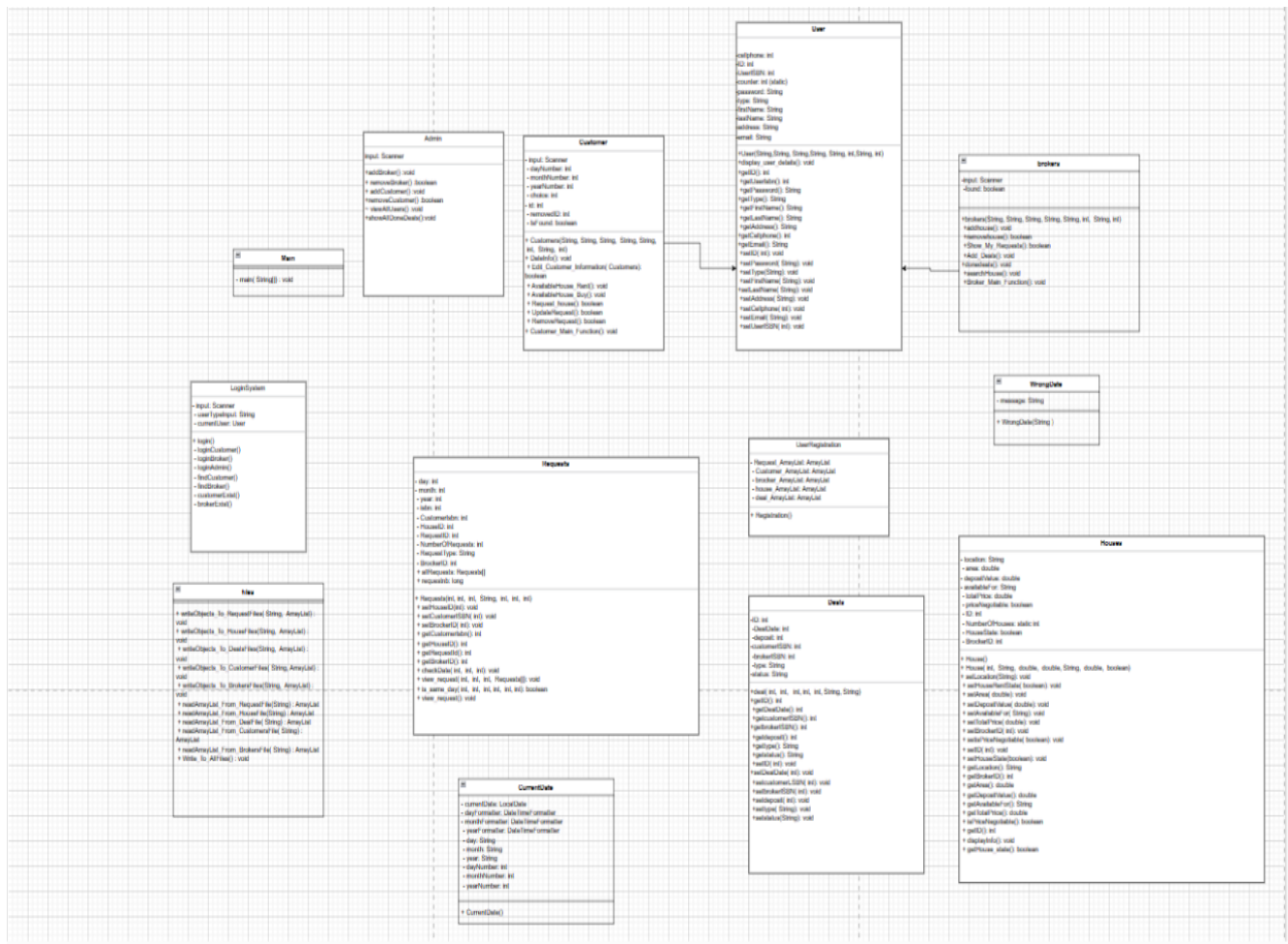
House Rent Mangement System

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System Description:



Admin:

- Add/remove brokers and customers.
- View a comprehensive list of all brokers/customers.
- Access requests made on a specified date.
- Authorize new users.

Brokers:

- Manage houses by adding or removing them.
- Specify house types and locations.
- Initiate and complete deals with customers.
- Display a record of completed deals.
- Search for available houses.

Customers:

- Edit personal information.
- View all available houses based on specified criteria.
- Request a house, edit previous requests, or remove them.

Security: The system ensures secure access with a unique ID and password for each user, preventing unauthorized access to sensitive information.

Step 1: Admin Authorization

- Admin logs in using credentials (Username: admin, Password: admin).

Step 2: Adding a New Broker

- Admin selects the option to add a new broker.
- Admin enters the broker's information (ID, password, name, contact details).
- System stores the new broker in the database.

Step 3: Customer Search for Houses

- Customer logs in and chooses to search for available houses.
- Customer specifies criteria (location, price, size).
- System displays a list of matching houses.

Step 4: House Request

- Customer selects a house and requests more information.
- System generates a request including customer details, house details, and request date.
- System stores the request for processing.

Step 5: Broker Initiates Deal

- Broker logs in and views pending house requests.
- Broker selects a request and initiates a deal, marking it as 'in process.'
- System records deal details (customer, broker, deal date).

Step 6: Admin Views Reports

- Admin logs in and views reports on deals done on a specific date.
- System generates a report listing completed and ongoing deals on the specified date.

Step 7: Deal Completion

- Broker finalizes the deal and updates the status to 'Done.'
- System records completion date and marks the deal as successful.

Step 8: Customer Confirmation

- Customer logs in and sees the completed deal in their history.
- Customer confirms the deal or requests modifications.

Function Name	Function Description
1.Add Broker	❖ Take Broker details like (Name,Email>Password,...) and store his data in our array list.
2.Remove Broker	❖ Take Broker ID to remove him from array list.
3.Add Customer	❖ Take Customer details like (Name,Email>Password,...) and store his data in our array list.

4.Remove Customer	❖ Take Customer ID to remove him from array list.
5.Show All Users	❖ Display all users in the system with all their information.
6.Show All Done Deals	❖ Display all done deals in system between brokers and their customers.

Function Name	Function Description
1.Add House	❖ Takes House information like (location, area, price,.) and store their data in array list.
2.Remove House	❖ Takes House ID to remove it from array list.
3.Show My Requests	❖ Display received requests to the broker if he had.
4.Show My Houses	❖ Display All houses for specific broker.
5.Add Deals	❖ Change each request of specific broker to deal between this broker and customer that send the request.
6.Show All Done Deals	❖ Display all done deals information of specific broker.
7.Search house	❖ Search by area of the house or its total price and display information of all suitable houses from this search.

Function Name	Function Description
1.Request House	❖ Makes customer choose between two choices that buying or renting house and after this ask from him to enter
2.Update Request	❖ Takes request ID and enter another house id to buy or rent.

3.Delete Request	❖ Takes Request ID to remove it from array list.
4.Edit Information	❖ Display All information of user and ask him to choose item he wants to edit
5.Show all available houses	❖ Display all houses that are available for buying or renting.
6.Show All My Requests	❖ Display all specific requests for the customer.