Project Name: REALTOR AGENCY

Name	ID
Shahidul Islam Ifte	20-42088-1
Sazzadul Alam	20-42644-1
Sourav Mandal	19-39568-1
MD. Sakib Hossain	20-42640-1

- **Use Case:** Own a property
- **Author:** SS
- **Date:** 2-October-2021
- **Purpose:** To buy out or rent properties & sell pre-owned.
- **Overview:** The customer case starts with the customer doing a registration & successfully logged into the system. When the customer comes looking for properties the system connects the user to the realtor. The realtor helps user to buy or rent places. If the customer wants to sell pre-owned products. Also, with the help of agency the customer can use "House Shifting" service. The customer can do payment either via credit card or cash check the system will verify it and the agency helps the customer.

- **Actors:** Customer

- **Pre-Condition:**
  - The System must be accessible for anyone
  - The System must be in a perfect condition to get the customer to be registered

- **Post Condition:**
  - The customer must have proper amount to buy or rent out a place (Hotel, apartment, flat, land)
  - The customer must have a solid cash card
  - The customer could sell pre-owned stuff & earn cash

- **Actors:** Realtor

- **Pre-Condition:**
  - Must have a proper contact with the customer
  - Must know if the customer has a back record

- **Post Condition:**
  - Helps customer the right place around the budget the customer has
  - Runs the house shifting process the agency itself for the customer
  - Should verify if their bank account is real or fraud during payment for further service
  - Should have a transcription record of the customer

- **Course of events:**

Customer	System	Realtor
1.Customer register to use this platform		
2.Customer logs in	3. System shows the platform to the customer to choose property & connects with a realtor	
		4.Realtor helps with buy & rent process at a suitable price for the customer
		5. After having a agreement & it holds the records
	6.System holds the track record of customer	
7.Customer can sell pre-owned stuff		
8. Customer can get house shifting service for changing apartment		9. Realtor handles the shifting service within a certain amount of money
10.After customer having fulfiled with the agency's services the customer have to make payment	11. System requests for verification	12. Realtor checks if the payment is verified then gives trasncription

13. Customer takes a copy of the transcription	14.System prints the transcription	

- **Alternative flow of events:**

  - **Step 3:** If customer log in fails an error message will show & suggest to retry.
  - **Step 8:** If the customer's product quality is not verified then system will block the sell. Will display error & have to go step 2.
  - **Step 13:** If payment doesn't meet its clause sends back to step 4

Realtor Agency

Registration

Log in

Properties

<<include>> Buy

<<extend>> Apartment

<<extend>> Land

<<include>> Rent

Hotel Room

<<extend>>

Apartment

<<extend>>

Sell

<<include>> Pre-Owend

House Shifting

Make payment

<<include>> Verification

Via Card

Cash

Coustomer

Realtor