Real Estate Portal

Input Output Scenarios

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Login Scenarios:

1. Input: Leaving National Id or Password field Empty
   Output: "Please Fill All fields" Error Message

2. Input: Filling the password field with less than 8 chars
   Output: "Wrong National Id or Password" Error Message

3. Input: Filling the National Id field with more than 14 characters
   Output: "User Is not registered to the system" Error Message

4. Input: Filling the National Id field with less than 14 characters
   Output: "User Is not registered to the system" Error Message

5. Input: Filling the National Id field Alphabetical letters
   Output: "National Id should contain only numbers" Error Message

6. Input: Filling the National Id with valid data and filling password field with invalid data
   Output: "Wrong National Id or Password" Error Message

7. Input: Filling an existing invalid National Id with and filling password field with valid data
   Output: "Wrong National Id or Password" Error Message

8. Input: Filling an existing valid National Id and filling password field with invalid data
   Output: "Wrong National Id or Password" Error Message

9. Input: Filling a non-existing National Id in National Id field
   Output: "User Is not registered to the system" Error Message

10. Input: Filling the National Id of a removed account
    Output: "User Is not registered to the system" Error Message

11.   Input: Filling the National Id and new changed password
       Output: User is directed to home screen

12.   Input: Filling the National Id and old changed password
       Output: "Wrong National Id or Password" Error Message

13.   Input: Filling a valid National Id and a valid password for an admin
       account
       Output: User is directed to admin's home screen

14.   Input: Filling a valid National Id and a valid password for a user
       account
       Output: User is directed to user's home screen

Signup Scenarios:

1. Input: Filling an existing valid National Id
   Output: "User Is already registered to the system" Error Message

2. Input: Filling National Id field with alphanumerical characters
   Output: "National id should include only numbers" Error Message

3. Input: Filling National Id field with more than 14 characters
   Output: "National id should be exactly 14 number" Error Message

4. Input: Filling National Id field with less than 14 characters
   Output: "National id should be exactly 14 number" Error Message

5. Input: Leaving First Name filed blank
   Output: "Please Fill All Fields" Error Message

6. Input: Leaving Last Name filed blank
   Output: "Please Fill All Fields" Error Message

7. Input: Leaving National Id filed blank
    Output: "Please Fill All Fields" Error Message

8. Input: Leaving Mobile filed blank
    Output: "Please Fill All Fields" Error Message

9.   Input: Leaving Password filed blank
     Output: "Please Fill All Fields" Error Message

10.   Input: Creating a password with less than 8 characters
      Output: "Password should be 8 characters at least" Error Message

11.   Input: User Signing up Successfully
      Output: User is directed to the home screen

Property Filters Scenarios:

Filter By Type:

1. Input: User selecting a property type from the drop-down list
    Output: All Matching Properties with the same type are displayed

2. Input: User selecting a non-existing property type from the drop-down list
    Output: Place holder icon is shown "No Properties Matches your search"

Filter By Price:

1. Input: User filling a maximum price and a minimum price
    Output: All Matching Properties within the price range inclusively are displayed

2. Input: User filling a maximum price filed with the minimum amount and a minimum price filed with the maximum amount
    Output: Fields are swapped automatically, All Matching Properties within the price range are displayed

3. Input: User filling a maximum price and a minimum price for non-existing properties
    Output: Place holder icon is shown "No Properties Matches your search"

4. Input: User filling a maximum price and a price footage with alphabetical characters
    Output: "Only Numbers is allowed in this field" error message

Filter By Square Footage:

1. Input: User filling a maximum footage and a minimum footage
    Output: All Matching Properties within the footage range inclusively are displayed

2. Input: User filling a maximum footage filed with the minimum amount and a minimum footage filed with the maximum amount
    Output: Fields are swapped automatically, All Matching Properties within the footage range are displayed

3. Input: User filling a maximum footage and a minimum footage for non-existing properties
    Output: Place holder icon is shown "No Properties Matches your search."

4. Input: User filling a maximum footage and a minimum footage with alphabetical characters
   Output: "Only Numbers is allowed in this field" error message

Filter By number of bedrooms:

1. Input: User selecting the Number of property bedrooms from the drop-down list
   Output: All Matching Properties with the same number of bedrooms are displayed

2. Input: User selecting a non-existing number of bedrooms from the drop down
   Output: Place holder icon is shown "No Properties Matches your search"

Filter By Location:

1. Input: User selecting the location from the drop-down list
   Output: All Matching Properties with the same number of bedrooms are displayed

2. Input: User selecting a location for deleted property from the drop down
   Output: Place holder icon is shown "No Properties Matches your search"

3. Input: User selecting a location for non-existing property from the drop down
   Output: Place holder icon is shown "No Properties Matches your search"

Add Properties to Comparison:

1. Input: User Adding One Property to Compare
Output: "Add Properties to Compare" Error Message.

2. Input: User Adding Two Properties to Compare
Output: User Is able to Compare the Properties.

3. Input: User Adding Three Properties to Compare
Output: User Is able to Compare the Properties.

4. Input: User Adding Four Properties to Compare
Output: User Is able to Compare the Properties.

5. Input: User Removing Properties from Compare
Output: Property Is removed from compare and user is able to compare other properties.

Reset Filters:

1. Input: User Pressing on "Reset Filters" Button
Output: All Flters are reset and added Properties to comparison are removed

Profile Scenarios:

Change Mobile Number:

1. Input: User is filling the field with his new number
Output: Mobile Number is changed successfully; all user's properties will be showing the new mobile number.

Change Password:

1. Input: User fills the current password with a wrong password
   Output: "Wrong Password" Error message

2. Input: User Fills the current password correctly and creating a new password of less than 8 characters
   Output: "Password should be at least 8 characters" error message

3. Input: User Fills the current password correctly and creates new valid password
   Output: Password is changed Successfully, user is directed to home screen

My properties:

1. Input: User accessing "My properties" section in profile when having posted properties
   Output: All posted Properties by the user is shown
2. Input: User accessing "My properties" section in profile when having no posted properties
   Output: Place holder icon is shown "No Properties Matches your search"

Add property Scenarios:

1. Input: User Leaving Unselected "Location"
   Output: "Please Fill All Fields" Error Message

2. Input: User Leaving Unselected "City"
   Output: "Please Fill All Fields" Error Message

3. Input: User Leaving Empty "Adress Line"
   Output: "Please Fill All Fields" Error Message
4. Input: User Leaving Unselected "Property Type"
   Output: "Please Fill All Fields" Error Message

5. Input: User Leaving Empty "Adress Line"
   Output: "Please Fill All Fields" Error Message

6. Input: User Leaving Empty "Price"
   Output: "Please Fill All Fields" Error Message

7. Input: User Leaving Empty "Number of Rooms"
   Output: "Please Fill All Fields" Error Message

8. Input: User Leaving Empty "Space in Footage"
   Output: "Please Fill All Fields" Error Message

9. Input: User Leaving Empty "Property Description"
   Output: "Please Fill All Fields" Error Message

10. Input: User Filling "Property Price" with less than 500,000
    Output: "Minimum Price is 500,000" Error Message

11. Input: User Filling "Property Space in Footage" with less than 50
    Output: "Minimum Footage is 50 ft" Error Message

12. Input: User Filling "Property Description" with more than 200 characters
    Output: Input Field won't allow more than 200 characters

13.   Input: User Adding Property Successfully
         Output:

- Property Request is added.
- Property Appears in request tab in dashboard.
- Admin to approve or decline property.

14.   Input: Admin Adding Property Successfully
         Output:

- Property id is generated automatically.
- Property is added to the system.
- Property list is updated.
- "My Properties" in profile is updated.
- Dashboard Property Count is increased by one.

Edit property Scenarios.

1. Input: User Leaving Unselected "Location"
   Output: "Please Fill All Fields" Error Message

2. Input: User Leaving Unselected "City"
   Output: "Please Fill All Fields" Error Message

3. Input: User Leaving Empty "Adress Line"
   Output: "Please Fill All Fields" Error Message

4. Input: User Leaving Unselected "Property Type"
   Output: "Please Fill All Fields" Error Message

5. Input: User Leaving Empty "Adress Line"
   Output: "Please Fill All Fields" Error Message

6. Input: User Leaving Empty "Price"
   Output: "Please Fill All Fields" Error Message

7. Input: User Leaving Empty "Number of Rooms"
    Output: "Please Fill All Fields" Error Message

8. Input: User Leaving Empty "Space in Footage"
    Output: "Please Fill All Fields" Error Message

9. Input: User Leaving Empty "Property Description"
    Output: "Please Fill All Fields" Error Message

10.   Input: User Filling "Property Price" with less than 500,000
      Output: "Minimum Price is 500,000" Error Message

11.   Input: User Filling "Property Space in Footage" with less than 50
      Output: "Minimum Footage is 50 ft" Error Message

12.   Input: User Filling "Property Description" with more than 200 characters
      Output: Input Field won't allow more than 200 characters

13.   Input: Admin Editing Their Property
      Output:
      - Property is updated.
      - Old and new Property Details are appearing in logs for the admins to track changes.

14.   Input: Admin Editing Any Property in the system
      Output:
      - Property is updated.
      - Old and new Property Details are appearing in logs for the admins to track changes.

15.   Input: User Editing Their Property
       Output:

- Property is updated.
- Old and new Property Details are appearing in logs for the admins to track changes.

Delete property Scenarios.

1. Input: User Deleting Their Property
   Output:

- Property is deleted.
- The property count in dashboard is decreased by one.
- Property is no longer appearing in their profile.

2. Input: Admin Deleting Their Property
   Output:

- Property is deleted.
- The property count in dashboard is decreased by one.
- Property is no longer appearing in their profile.

3. Admin Deleting any Property.
   Output:

- Property is deleted.
- The property count in dashboard is decreased by one.
- Property is no longer appearing in property owner profile.

Add Admin Scenarios.

1. Input: Admin Leaving "First Name" Empty
   Output: "Please Fill all Fields" Error Message

2. Input: Admin Leaving "Last Name" Empty
   Output: "Please Fill all Fields" Error Message

3. Input: Admin Leaving "Phone Name" Empty
   Output: "Please Fill all Fields" Error Message

4. Input: Admin Leaving "National" Empty
   Output: "Please Fill all Fields" Error Message

5. Input: Creating a password with less than 8 characters
   Output: "Password should be 8 characters at least" Error Message

6. Input: Filling an existing National Id invalid data

   Output: "User Already Exists" Error Message

7. Input: Filling invalid mobile number

   Output: "Invalid Phone number" Error Message

8. Input: Filling National Id field with more than 14 characters

Output: "National id should be exactly 14 number" Error Message

9. Input: Filling National Id field with less than 14 characters

Output: "National id should be exactly 14 number" Error Message

Admin Removing User Scenarios.

1. Input: Admin Removing

   Output:

   - User is Hardly Deleted.
   - All Posted Properties By user is deleted.

Admin Highlight Property Scenarios.

1. Input: Admin Clicking on "Highlight Property" For unhighlighted Property

   Output: Property Has Highlighted Mark

Admin Highlight Property Scenarios.

1. Input: Admin Clicking on "Unhighlight Property" For Highlighted Property

   Output: Property Has Highlighted Mark

Admin Approve Requested Property Scenarios.

1. Input: Admin Clicking on "Approve Property" For Requested Property

   Output: Property is approved, posted and added to property listings

Admin Reject Requested Property Scenarios.

1. Input: Admin Clicking on "Approve Property" For Requested Property

   Output: Property is rejected, not posted and not added to property listings

Top Compared properties Scenarios.

1. Input: Admin Clicking on "Analytics" in dashboard

   Output: Top Compared Properties is listed below

Total Users Count Scenarios.

1. Input: Admin Removing User

   Output: Total Number of users is decreased by one

2. Input: User Creating an account

   Output: Total Number of users is increased by one

3. Input: Admin Adding new Admin

   Output: Total Number of users is increased by one

Total Properties Count Scenarios.

1. Input: Admin Adding Property

   Output: Total Number of properties is increased by one

2. Input: User Adding Property

   Output: Total Number of properties is increased by one

3. Input: Admin deleting Property

   Output: Total Number of properties is decreased by one

4. Input: User deleting Property

   Output: Total Number of properties is decreased by one

Logs Scenarios.

1. Input: Admin Editing Property

   Output: Old & New Properties Data are shown to admin with respect to time to track changes

2. Input: User Editing Property

   Output: Old & New Properties Data are shown to admin with respect to time to track changes

3. Input: Admin Changing Password

   Output: Password State is shown to admin to track changes (changed password at certain

   time stamp)

4. Input: User Changing Password

   Output: Password State is shown to admin to track changes (changed password at certain

   time stamp)

5. Input: Admin Edit Profile

   Output: Old & New Admin's Data are shown to admin with respect to time to track changes

6. Input: User Edit Profile

   Output: Old & New User's Data are shown to admin with respect to time to track changes