Feature Description

Manage Houses: With this feature, the user has the ability to list out the house for rent out the house for other users. The user will create new post/ad for renting out the house which would be viewed by all other tenants. Furthermore, the house listed by the renter can be updated for editing the details of the house with the help of this feature. The renter is also provided with the option of deleting the post, if the house is rented or in any other situation. All-inclusive, this feature is more inclined towards the renters.

Housing Analysis: This feature enables the tenants to provide review for the house they are currently living in or have previously lived in. The tenants can add the rating and feedback for the houses, and also, they can edit the same. The analysis section provides the statistics about the house to the owner/renter which includes visual representation such as number of reviews of the house, number of tenants, and many more.

User personas and Intended Scenarios

Manage Houses

1. Add Post/Ad
   * **Scenario**: A renter has a house other than he lives in, which he wants to rent to other tenants. The user creates an ad/post with images to rent out his house.
   * **User Persona**: Renter
   * **Feature**: Add post/ad
   * **Need:** To rent out the house and make it available for the tenants.
   * **Context**: Renter wants tenants to live in the house by viewing the ad that he created.
2. Edit Post/Ad
   * **Scenario**: A renter has created a post/ad for his house. He finds out that the address, and pin code of the house is incorrect. He wants to update the details of the house.
   * **User Persona**: Renter
   * **Feature**: Edit post/ad
   * **Need:** To update the details of the post/ad according to the renter.
   * **Context**: Renter wants to provide the updated the details about the house to the tenants.
3. View Post/Ad
   * **Scenario**: A renter has created a post/ad(s) for his house. He needs to scan the display of the ad/post. To get the idea about how it will be displayed to the tenants.
   * **User Persona**: Renter
   * **Feature**: View post/ad
   * **Need:** To view post/ad according made by the renter.
   * **Context**: Renter takes overview of the ad/post visible to the other tenants.
4. Delete Post/Ad
   * **Scenario**: A renter has rented out his house to the tenants. He needs to delete the ad/post, so that there it would not cause confusion to other tenants
   * **User Persona**: Renter
   * **Feature**: Delete post/ad
   * **Need:** To delete the ad/post of the house after it is rented.
   * **Context**: Renter receives inquiries about the house, although it is rented out. The renter wants to delete the post/ad.

Housing Analysis

1. Add Review
   * **Scenario**: A tenant who has previously lived at house or is currently living there wants to give review about the house so that other persons can see and take help for making the decision of residing.
   * **User Persona**: Tenant
   * **Feature**: Add review for the houses
   * **Need:** To give proper review and feedback of the house which is useful for other customers.
   * **Context**: Tenant wants to live in a house, and he uses reviews and feedback to strengthen his choice.
2. Edit Review
   * **Scenario**: A tenant provides review about the house. In winter, he comes across situation where the heat is not working since a long time. He edits reviews about the house.
   * **User Persona**: Tenant
   * **Feature**: Edit review for the houses
   * **Need:** Edit the submitted review according to the situations
   * **Context**: The Tenant can edit his review if he/she first provided a positive review, and after some dispute or problems, it becomes a negative review or vice versa.
3. Analytics
   * **Scenario**: A renter has listed an ad/post of his house. He is curious about the statistics of the house such as how many persons have provided reviews about the house, number of tenants living/lived in the house.
   * **User Persona**: Renter
   * **Feature**: View analytics of the house
   * **Need:** To get an idea about the statistics of the house.
   * **Context**: The renter wants to add another post/ad of house. He compares the number of tenants and other statistics to post the ad.

# Use Cases

Task 1: Add Review

1. System displays dashboard of the logged-in user.
2. User selects Reviews button in the menu.
3. System displays all the houses that the user has previously lived in and his reviews.
4. User clicks on the add review button for the house he wants provide review.
5. System displays the review form for the user to fill.
6. User fills out the form fields i.e., name, mobile, select rating, and provide feedback and submits the review.
7. System validates all the fields such as if any field is empty which is required.
   1. System displays “The required field is empty” message.
   2. System prompts the user to try again.
      1. The user fills out the fields with validations and requirements and submits the review.
8. System displays “Review added successfully” after all the validations and saving the review into database.
9. User sees their review of the house.

Task 2: Edit Review

1. System displays dashboard of the logged-in user.
2. User selects Reviews button in the menu.
3. System displays all the houses that the user has previously lived in and his reviews.
4. User clicks on the edit review button for the house he wants to edit the review he provided.
5. System displays the review form for the user to edit. The review form contains the current review rating, and feedback from the user.
6. User updates the review form fields according to the need.
7. System validates all the fields such as if any field is empty which is required and many more.
   1. System displays “The required field is empty” message.
   2. System prompts the user to try again.
      1. The user fills out the fields with validations and requirements and submits the review.
8. System displays “Review updated successfully” after all the validations and updating the review into database.
9. User sees their updated review of the house.