REQUIREMENT ANALYSIS

1. Project Overview?

The purpose of the home rental system is needed to manage, search and book the housing system easily. And to give access to find the houses as per the user’s need. The system is going to develop has various features to make life easier for urban people. Here tenants can choose from a large variety of houses that meet their requirements. Admin manages the entire system, and views the owner, tenant, and booking details. The owner can view the profile, update the profile, add, view, and update the property. The tenant can book the property, and send messages to the owner. The tenant can able to search, filter, and finally choose their favourite home from thousands of listed ones without spending the whole day.

2. To what extent the system is proposed?

Admin manages the entire system, and views the owner, tenant, and booking details. The owner can view the profile, update the profile, add, view, and update the property. The tenant can book the property, and send messages to the owner. The functions provided by the house rental system are to search the properties according to their features. It manages the booking details. It shows the description of the house. Both owner and tenant can operate it via computer/smartphone/tabs with the help of the internet. The owner can upload their attachments in an image file or pdf format. The tenant can search, filter, and finally choose a favorite home from thousands of listed ones without spending the whole day. . The owner can pay the rent online. The tenant can view the exact place through google Maps. Implement a machine learning algorithm for predicting the home rent price. Owners can relist the property after the lease period. The tenant can send the maintenance request to the owner.

3. Specify the Viewers/Public who is to be involved in the System?

The General public is involved in the system.

4. List the Modules included in your System?

Administrator: -

* Login
* View property details
* View owner details
* View tenant details
* View booked details

Owner: -

* Register
* Login
* Profile
* Add Property
* Google Map
* Update property
* View booked property
* Request Action
* Relist Property
* Receive message

Tenant: -

* Register
* Login
* View property
* Book Property
* Wishlist
* Search, filter
* Lease Agreement
* Send Message
* Maintenance Request
* Review
* Payment
* House Price Prediction

5. Identify the users in your project?

The users are the General public.

6. Who owns the system?

The Administrator owns the Home Rental System.

7. System is related to which firm/industry/organization?

The system is related to the industry.

8. Details of the person that you have contacted for data collection?

Aravind

9789172783

9. Questionnaire to collect details about the project?

1. What will happen to a property after its lease period ends?

The owner can add the property again.

1. What will happen if multiple users request the same property at the same time?

Send mail to the first customer.

1. How will someone know if the selected property is good enough for them to live in?

They will get the details of the property from the site.

1. Is the owner rent the home for parties?

Yes, that’s the tenant’s wish.

1. How will they get the information about accepting the booking?

Through mail.

1. How do the customer and owner communicate with each other?

Through mail, phone, and messages.

1. Is the parking facility available?

Depends on the place.

1. What benefits will a house owner get from listing his property?

House owners can easily list the property on the site.

1. How the tenant can find the house?

They can search the property district-wise.

1. How tenant can find the best house? Is the owner like two or three homes how did they choose it?

Property can wish list then they can choose the best home among that.