Building Rent Management System

User Manual

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North Western University
Khulna, Bangladesh

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1. Introduction:

Building rent management system is a software developed by Python tkinter to maintain a system of renting building rent of a city or a area.

It is a system which keep a record of building which is available for rent and who rent a home from an owner.

By this system one can easily search a home or a building for rent and owner can easily find a renter to rent his home. It is quit easy and time saving process.
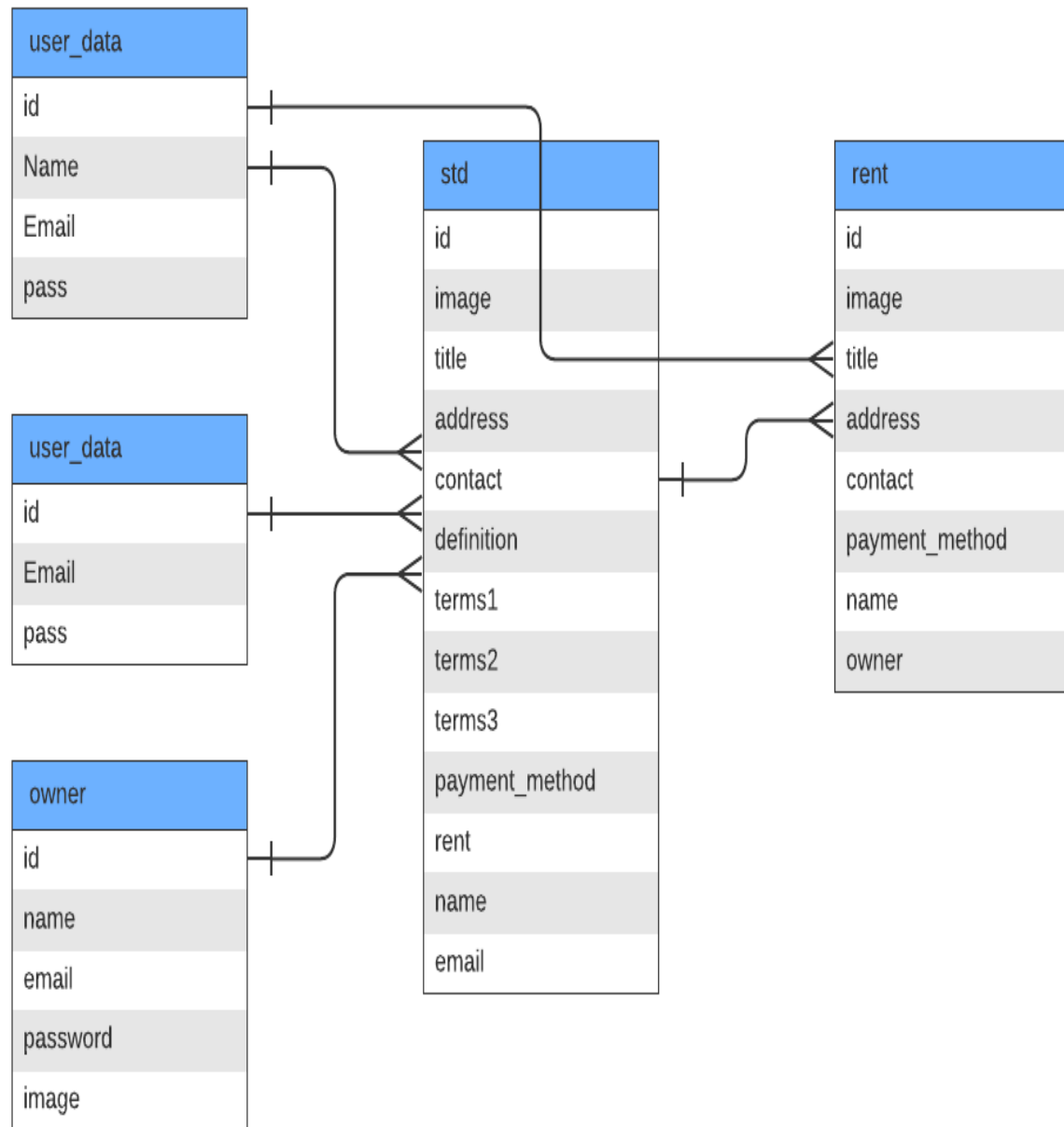
It is a trustable and fair system for both owner and renter. It makes a trustable transaction process and it use some worthy and popular money transfer process for transfer money between building owner and renter.

2. Objectives:

➢ To make the building rent system easy and helpful

➢ To less the suffering of searching for available buildings for rent

➢ To save the time of searching building for rent

➢ To get renter more fastly for a building owner

➢ To find buildings easily even if one doesn't know the area

➢ To show multiple building at a same time

➢ To maintain multiple renter or multiple owner simultaneously

➢ To know about extra facilities and opportunity of a building

➢ To compare and find the best building easily
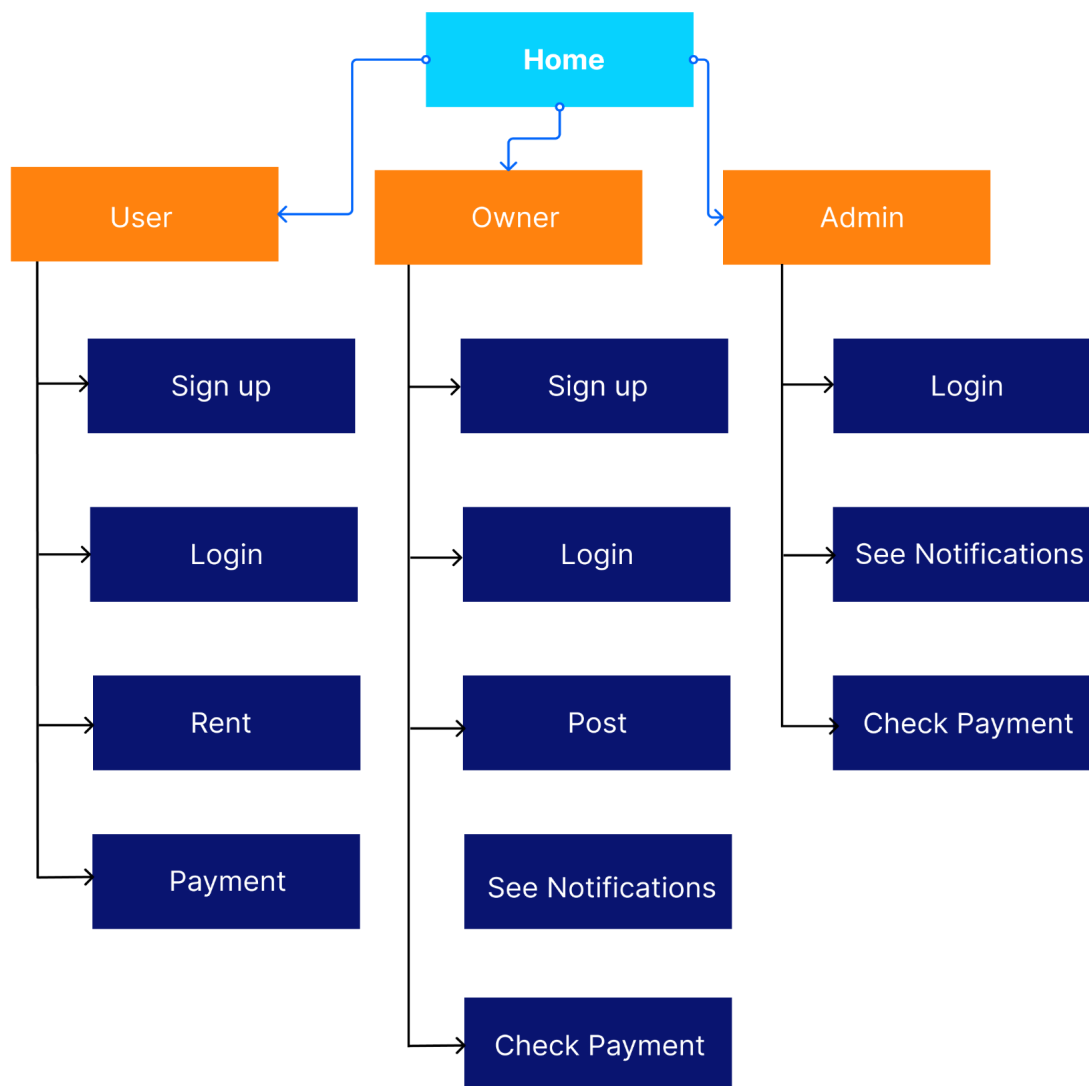
3. Entity Relationship Diagram:

Figure: E-R Diagram of Building Rent Management System

user_data
id
Name
Email
pass

user_data
id
Email
pass

owner
id
name
email
password
image

std	
id	
image	
title	
address	
contact	
definition	
terms1	
terms2	
terms3	
payment_method	
rent	
name	
email	

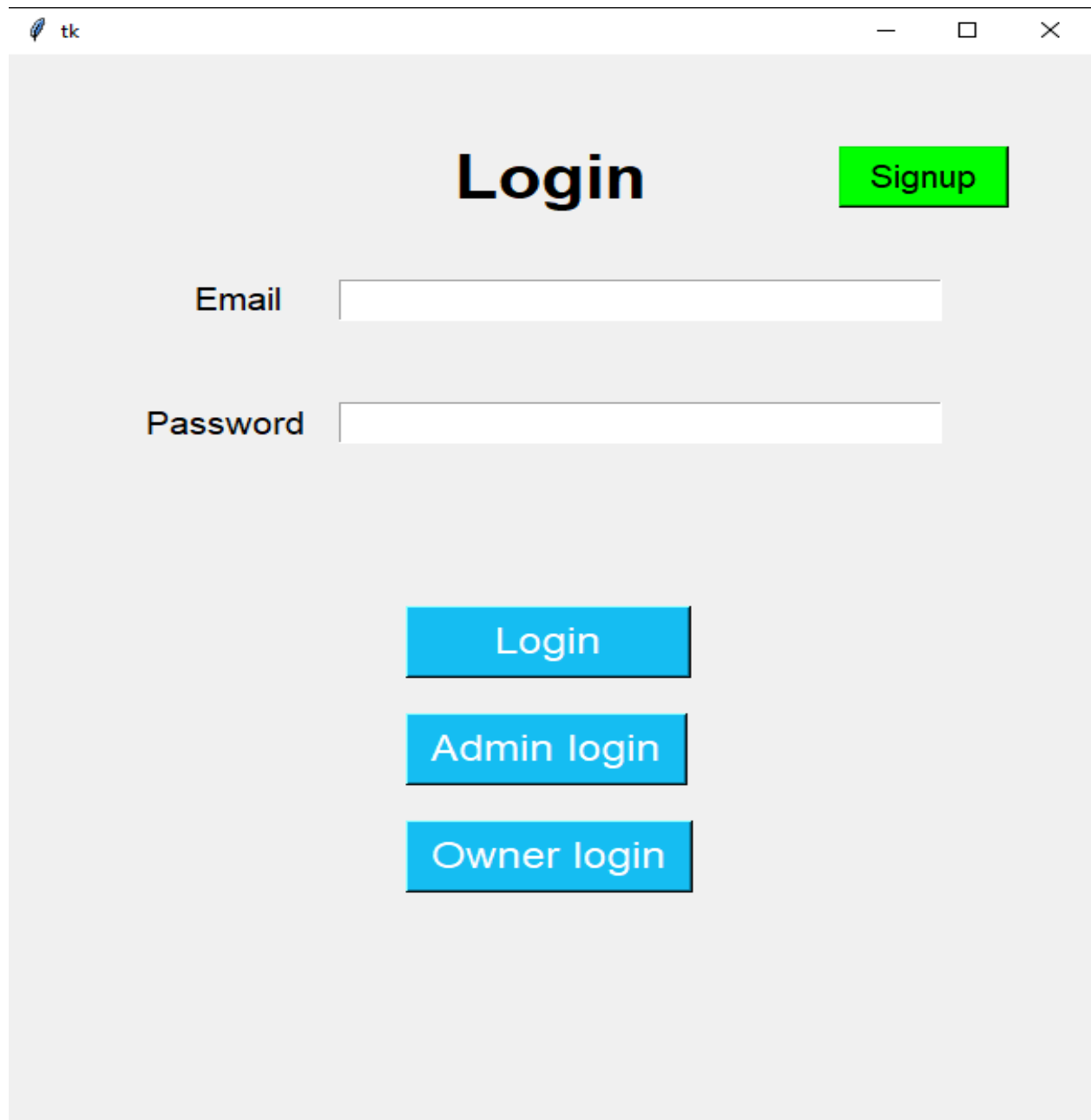| rent |
|---|
| id |
| image |
| title |
| address |
| contact |
| payment_method |
| name |
| owner |

4. Site Tree:

In the Building Rent Management System there are three Characters. User, Owner and Admin. Each has a unique view and their own functionalities. A simple site tree can show what this characters can view.

Here we can see each character has his own functions. Below all these functions are described according to their presence.

5. Description:

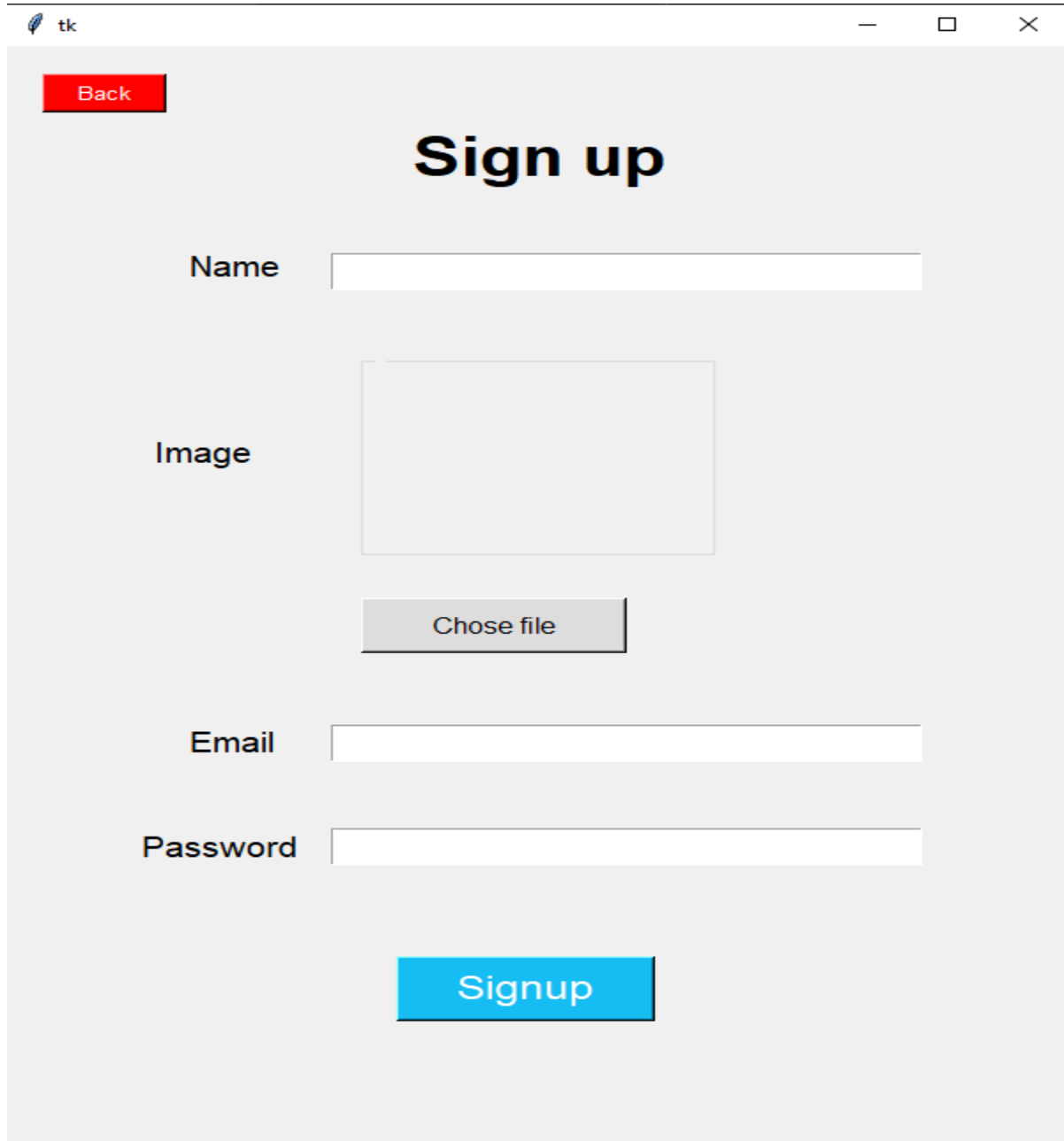At first there is a login page. It have 3 login options. 1.Sign up, 2.Login, 3.Admin login and 4.Owner login.

Every option have different interface and works.

Sign up

If anyone have no accounts the he must have to sign up or register in this system. By click sign up button the user will go to the sign up button.
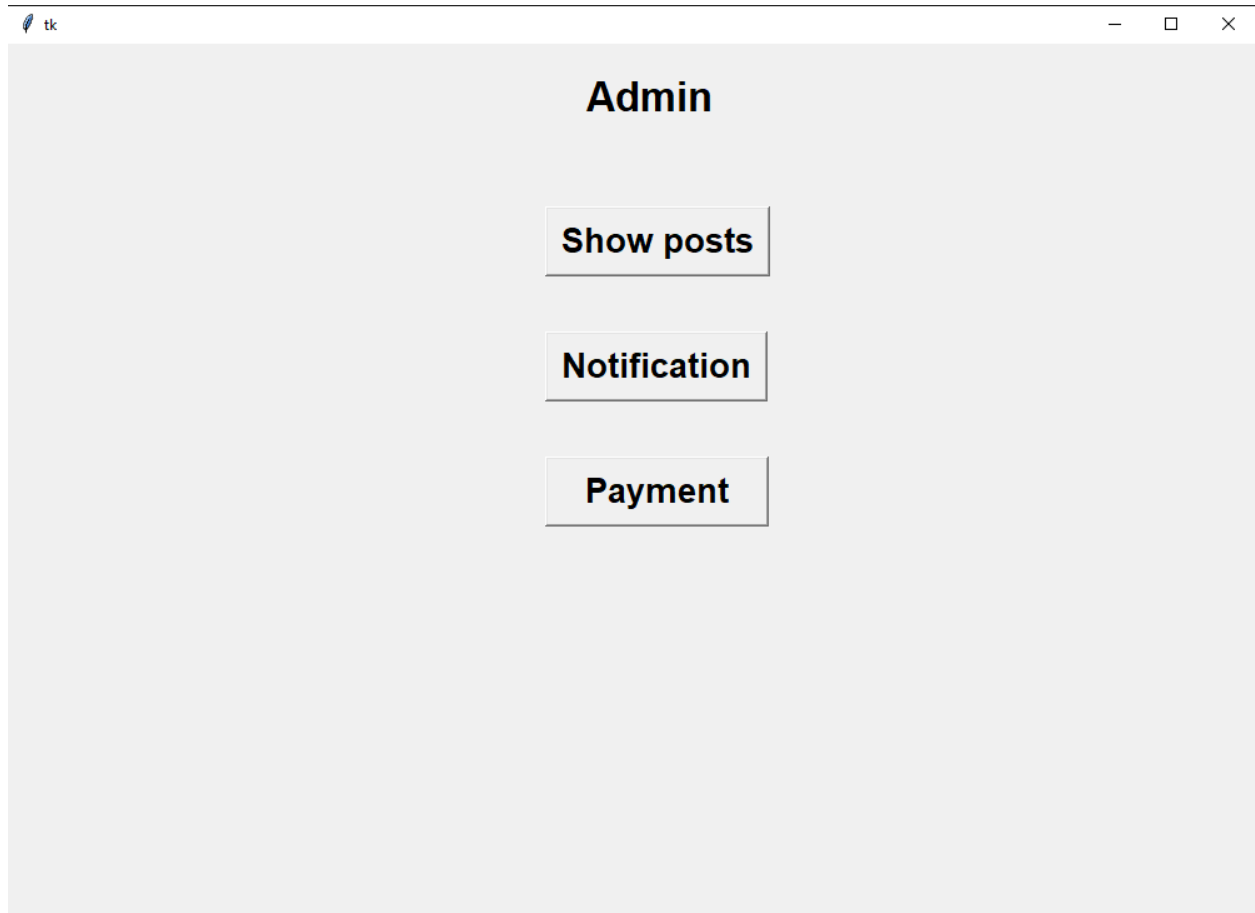

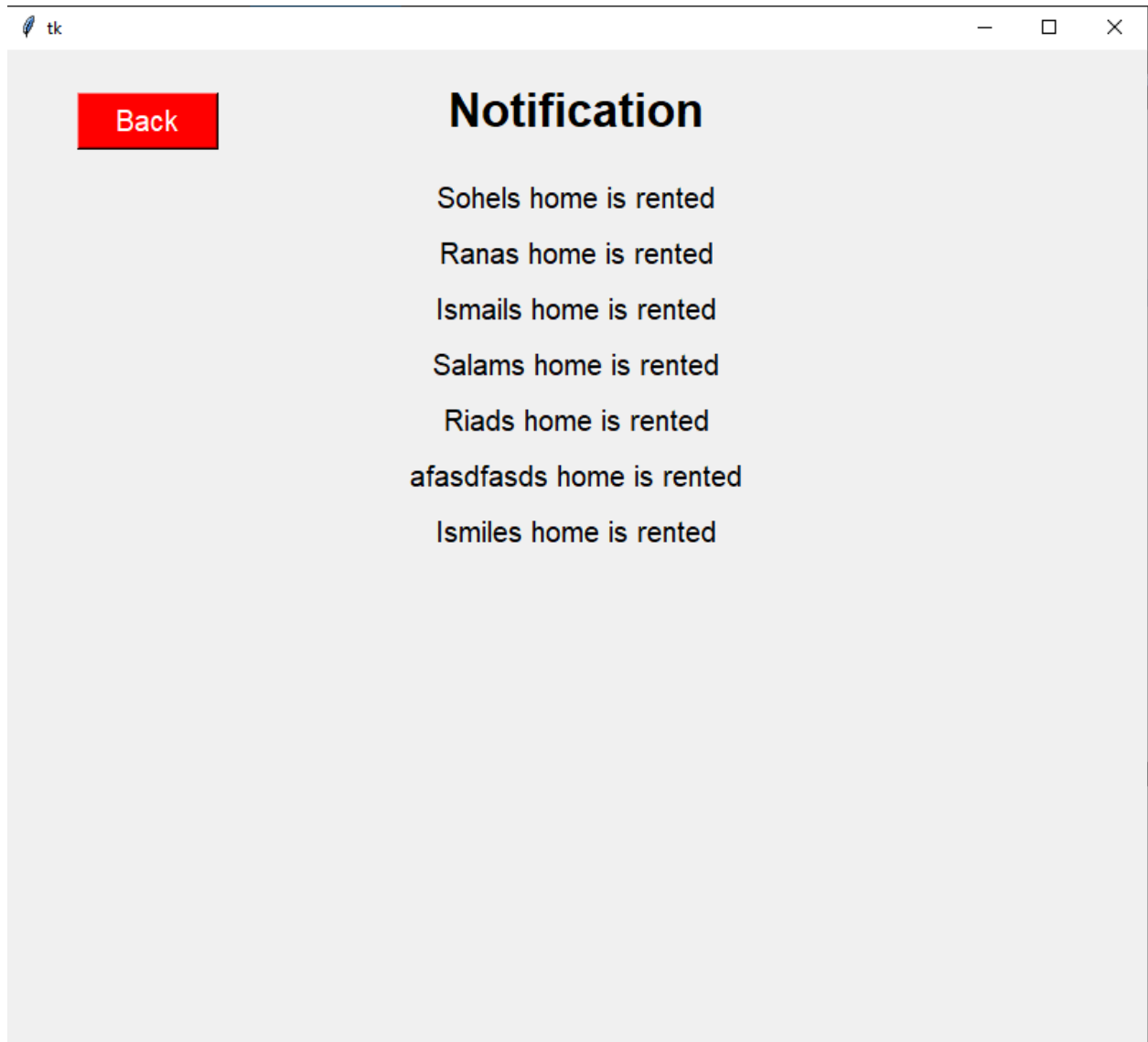One have to fill the form and click sign up for register in this system.

Admin Panel

After login, the admin can see admin page. It have 3 options. 1.Show post, 2.Notifications and 3.Payment
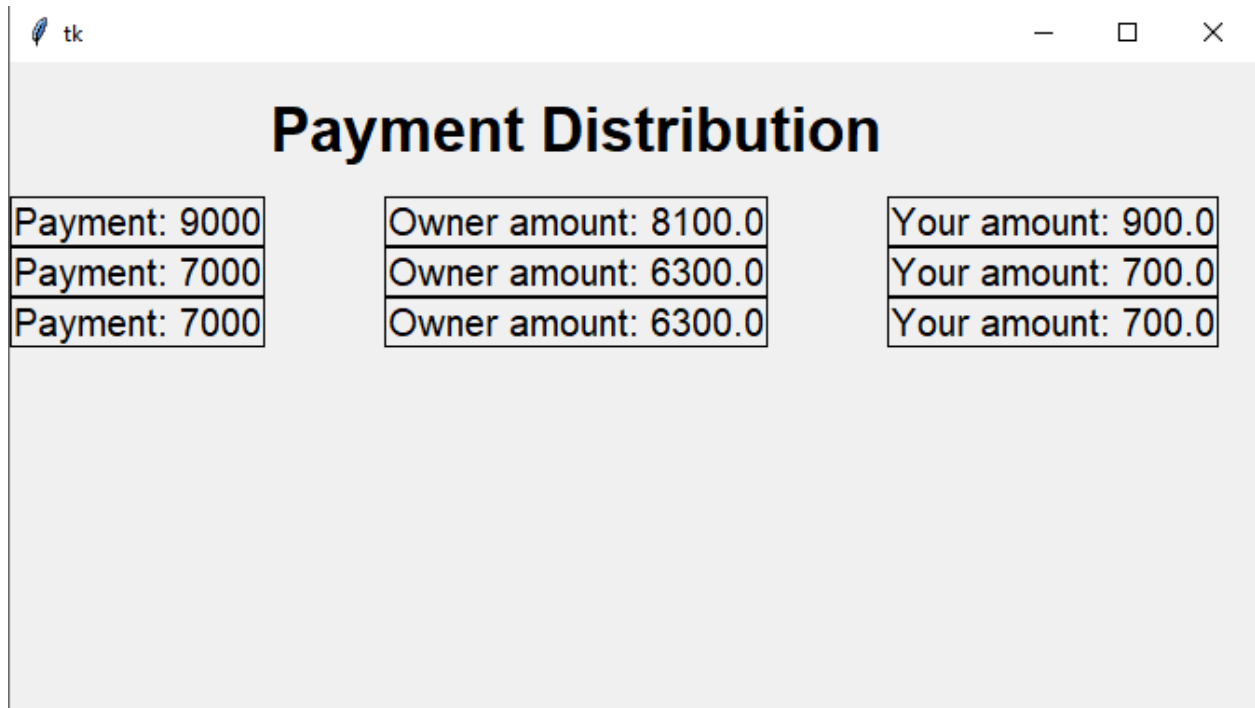

By clicking **Show post** admin can able to see the all post of this system. He also can rent a home. But admin can't edit or update poast.

By clicking **Notification** admin can see the notification about all rent. In this section, the admin can see whose building is rented.

Admin can show the name of the owner whose home is rented. If any user will rent a home then the name of the owner will go to the admin's notification. Then the admin can see the notification anytime.

By clicking Payment, admin can check the payment of this system. Admin can see the overview of all payments of this system.
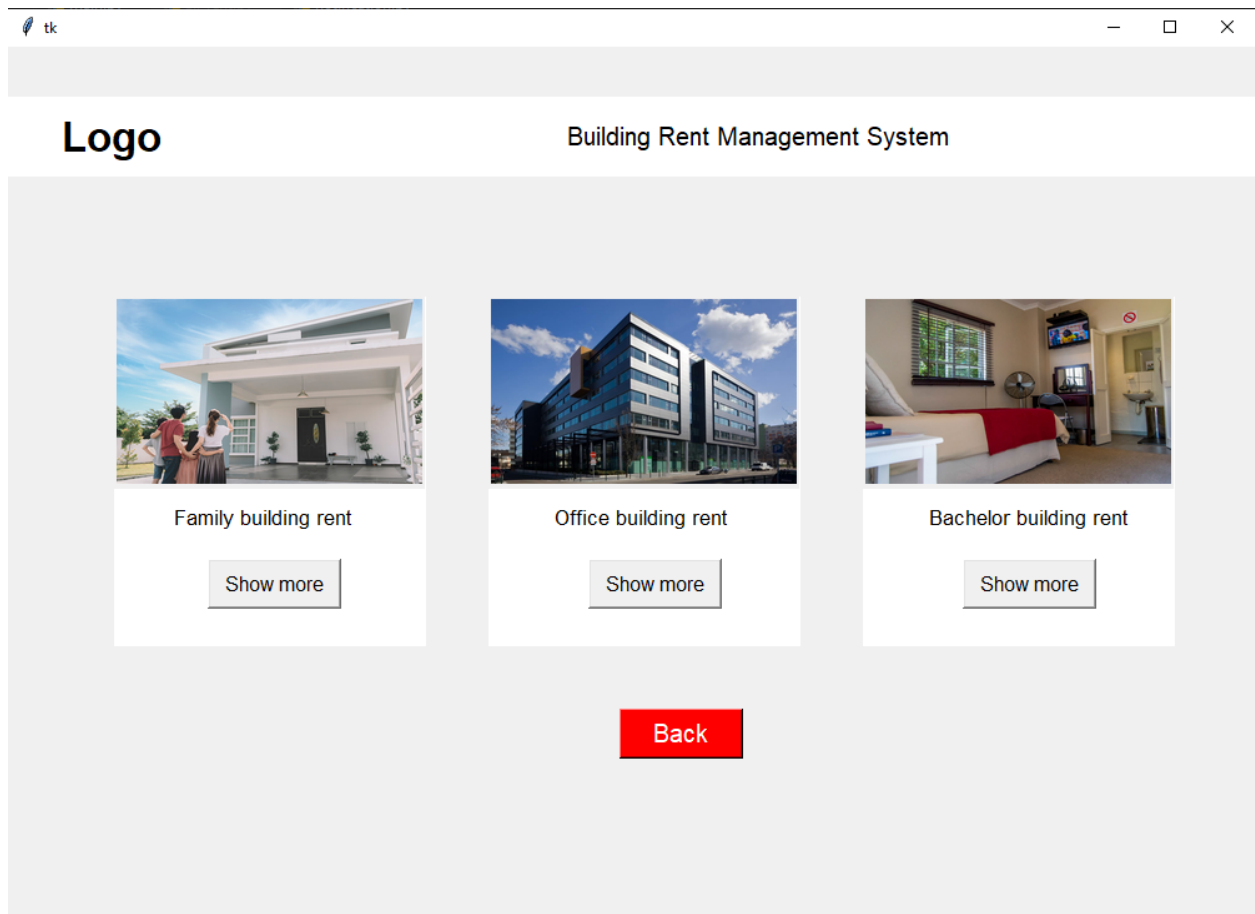

Admin can see to total payment of every transection. He also can see the owner amount which the owner can withdraw and also can see the amount which the admin will get as a fee.
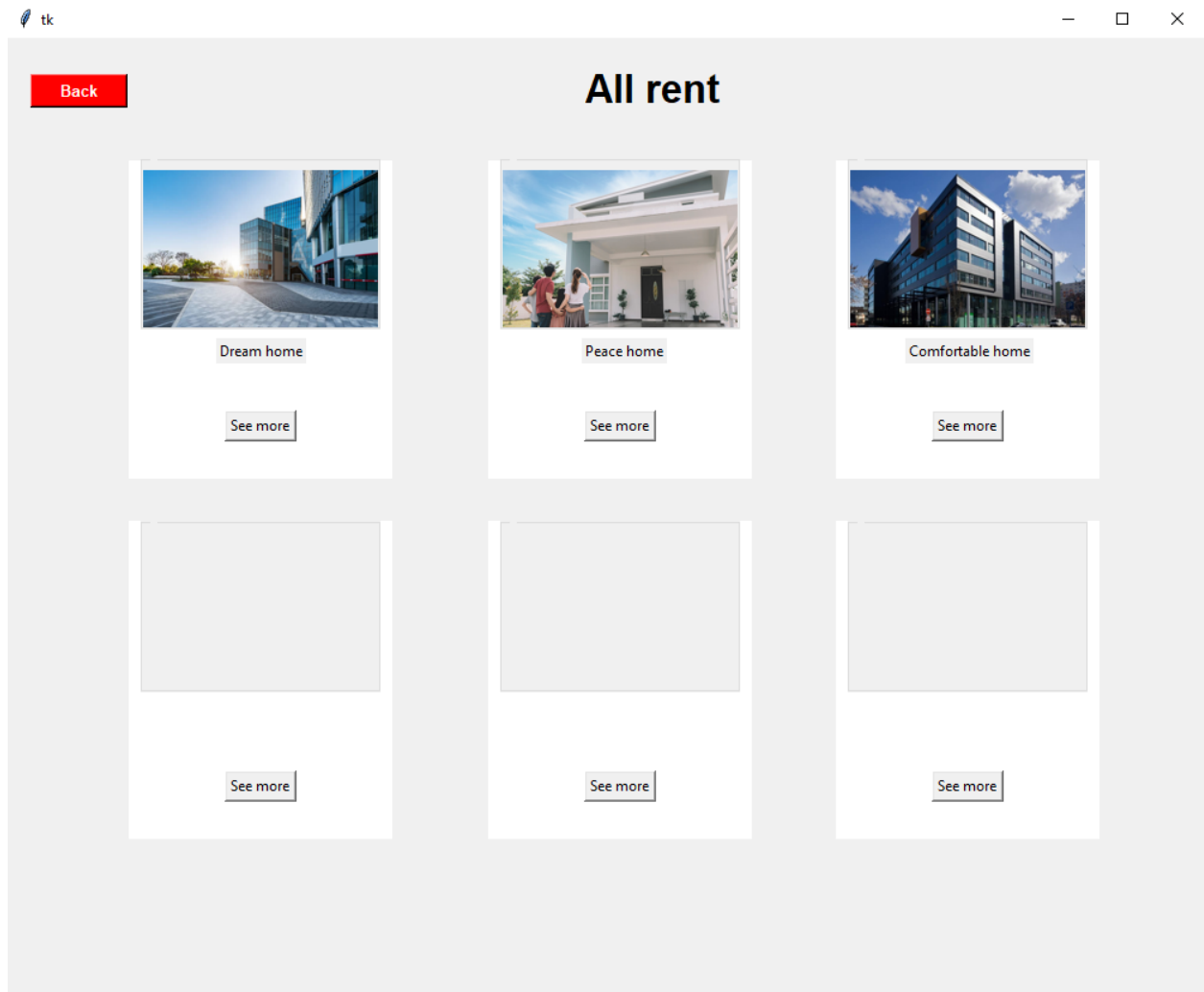
User Mode

At first, one have to signup as an user for be a user of this system. After signup he have to login. When he login, he will see categories available in this system. There are primarily 3 categories. 1. Family building rent, 2. Office building rent and 3.Bachelor building rent
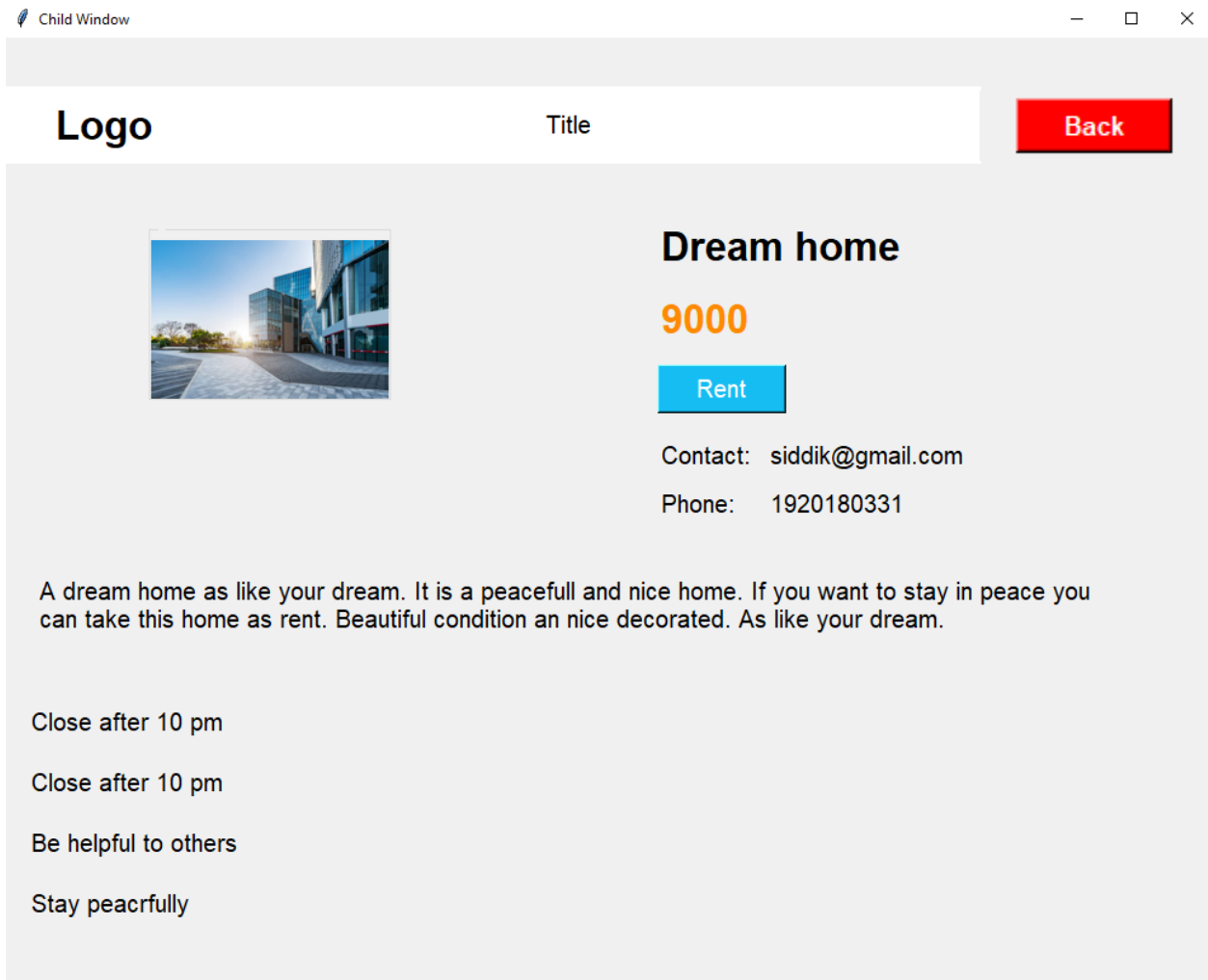

After select a category user can see available rent under that category. The category will help an user to se the individual type of post. By this he don't have to search among all type of rents. He can back from this page.

After clicking show more of any category, all types of rent under this category will show to the users.

By clicking see more, the user can see the details of rent that he wants to see. There content the details of the rent.

Here is the details page where an user can see the details of a rent.

Here contains the home title, rent amount, owner's email, owner's phone number, details about the building or room and some terms and conditions which need to know the users to take the rent first.
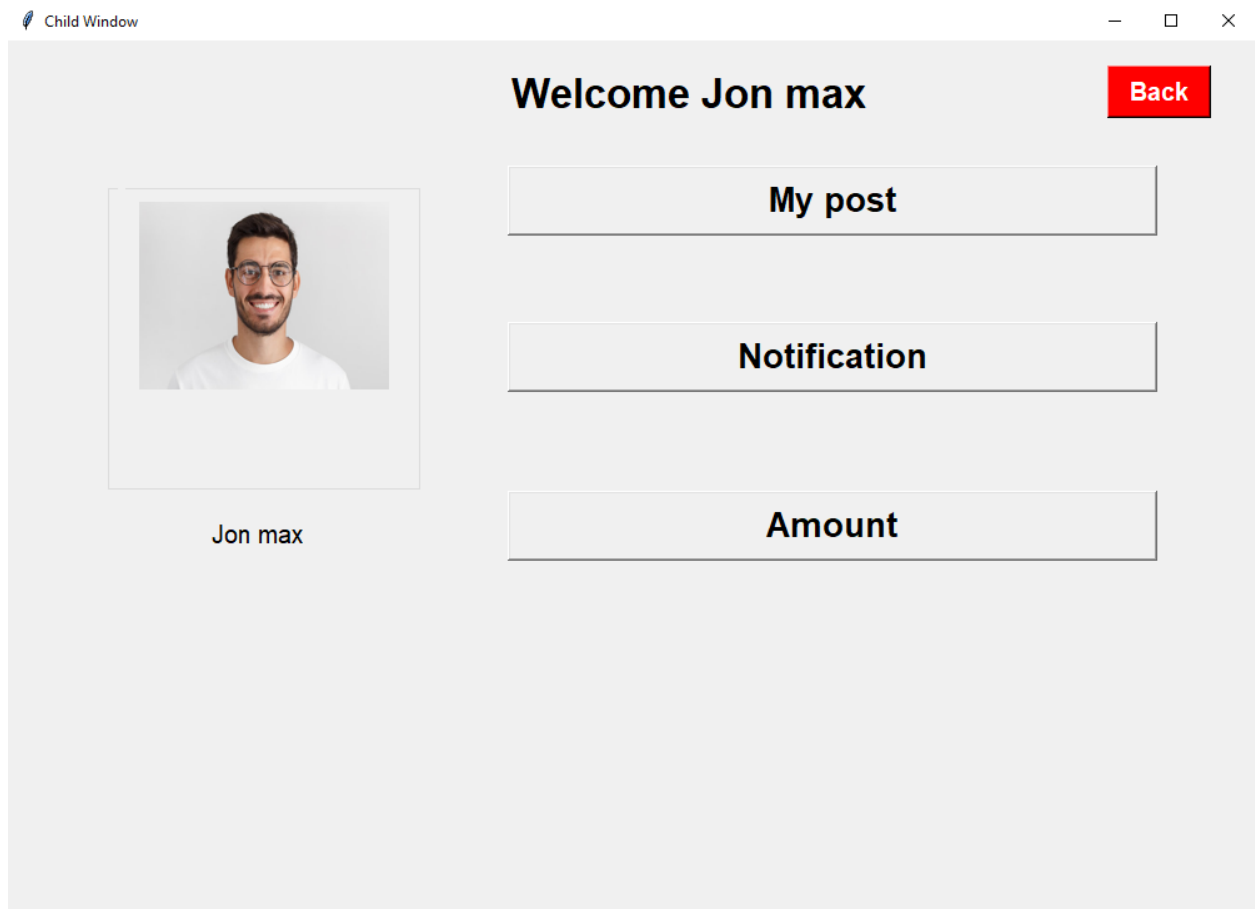
If anyone wants to rent then he have to click the rent button.

After click rent, a form will appear in front of the user. He has to fill up the form and give the owner email which is shown on the previous page. He have to select a payment method and then click the rent button. The home will rented for the users.
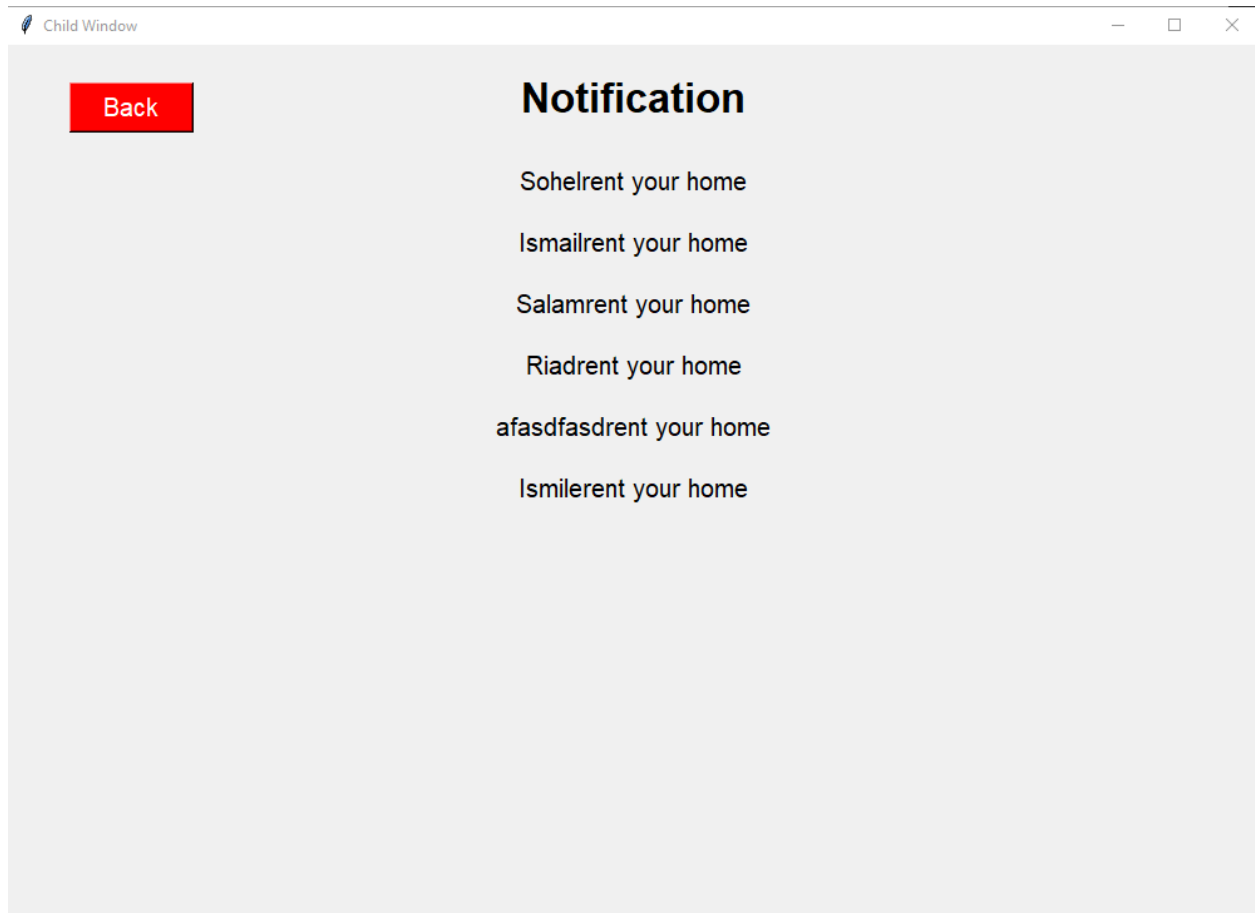
Owner Mode

After logging in as an owner, one can see his/her profile.

Here he can see his/her name and profile picture. He have 3 options. 1. My post, 2. Notification 3. Amount

If owner click my post the owner will see only those posts which is posted by him. No other post will shown by the my post options.

If owner click notification when the owner will see who rent his room. If anyone rent owners home then owner will get a notifications. It is like the admins notifications but admin will see all notifications. But owner will see only his buildings notification.

Notification

Back

Sohelrent your home

Ismailrent your home

Salamrent your home

Riadrent your home

afasdfasdrent your home

Ismilerent your home

If owner click on the amount button, the owner will see his all transactions. Owner can see how much the user paid, how much he can withdraw and how much he have to give the fee.

Payment

Payment: 9000	Your amount: 8100.0	Admin amount: 900.0
Payment: 7000	Your amount: 6300.0	Admin amount: 700.0
Payment: 7000	Your amount: 6300.0	Admin amount: 700.0

6. Dependencies:

1. TKinter: The Building Rent Management System is built on Tkinter python. So tkinter is needed to run this system properly.
2. Python interpreter: Python interpreter must needs to use properly for config this projects.
3. Database: Database(.db) is needed to work this system properly.

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