

Figure 2: Use Case Diagram

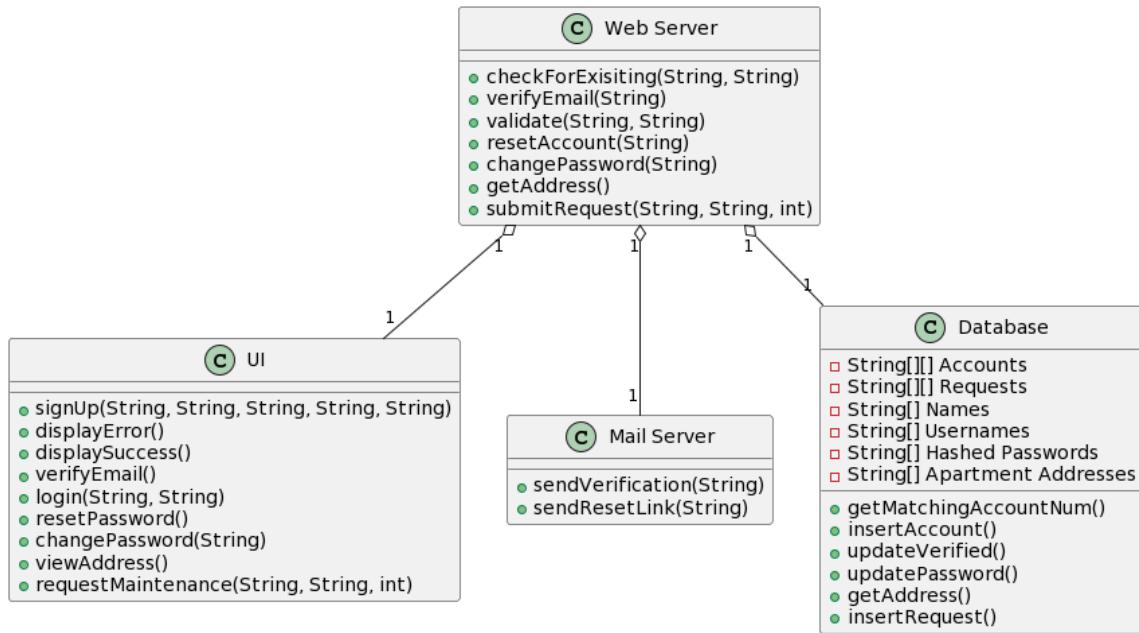
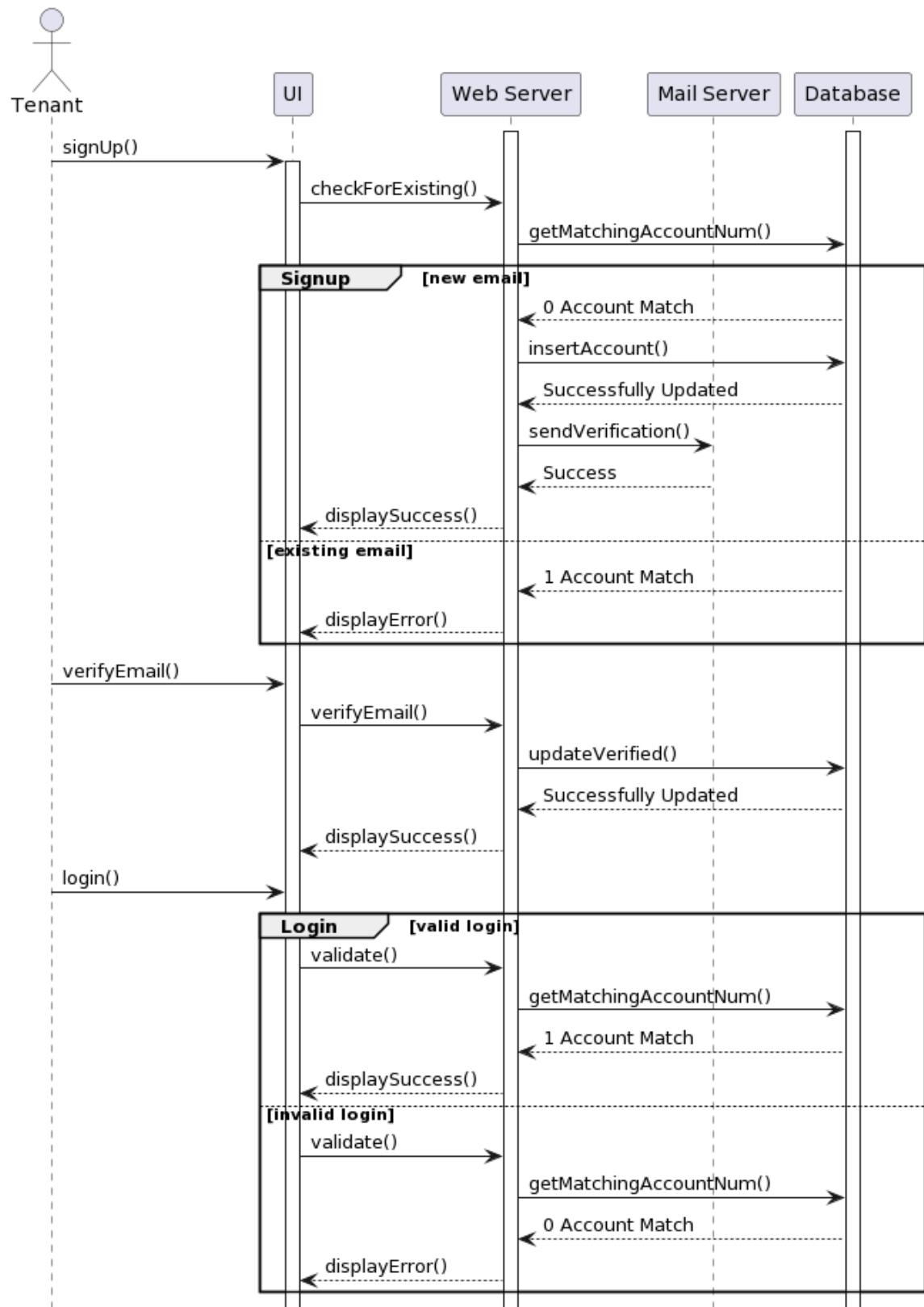


Figure 3: Class Diagram



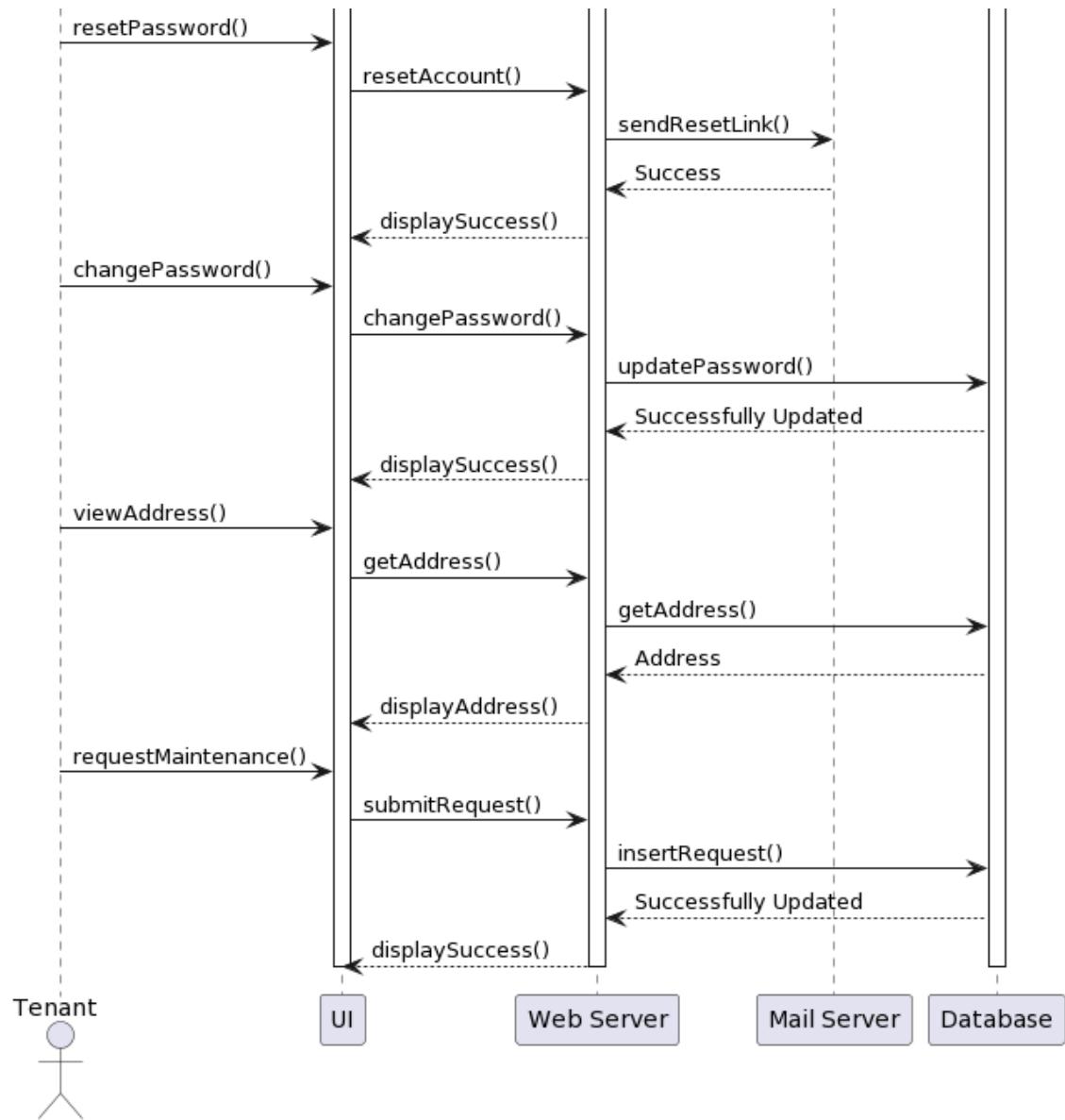


Figure 4: Sequence Diagram

All UML diagrams were changed. The use case diagram's arrows were fixed and <<extends>> and <<implements>> were added. The Class Diagram now better reflects the structure of our project, and the sequence diagram is also more accurate to the project. They also have the same classes/participants, unlike last sprint

>Login +

Not secure | smartments.rentals/createAccount.php

Create your account

First Name Last Name

Username

Password

Re-Enter Password

Phone Number

Required format: xxx-xxx-xxxx

Login

Back

This screenshot shows the 'Create your account' page. It features a dark background with light-colored input fields. The fields include 'First Name' and 'Last Name' (each in its own row), 'Username' (with placeholder 'Username'), 'Password' (with placeholder 'Password'), 'Re-Enter Password' (with placeholder 'Re-enter password'), 'Phone Number' (with placeholder '123-456-7890'), and a note below it stating 'Required format: xxx-xxx-xxxx'. At the bottom is an orange 'Login' button.

>Login +

Not secure | smartments.rentals/index.php

Welcome to Smartments!

Login to continue or [create account](#)

Username

Password

Login

[Forgot password?](#)

This screenshot shows the login page. It has a dark background with light-colored input fields. The fields are labeled 'Username' and 'Password'. Below them is an orange 'Login' button. At the bottom left is a link 'Forgot password?'. Above the fields, there is a message 'Login to continue or [create account](#)'.

Figure 5: Login

User enters username and password then logs in.

Passwords are hashed and salted before being stored in the database, ensuring security.

Figure 6: Create Account

User enters new account details then creates account

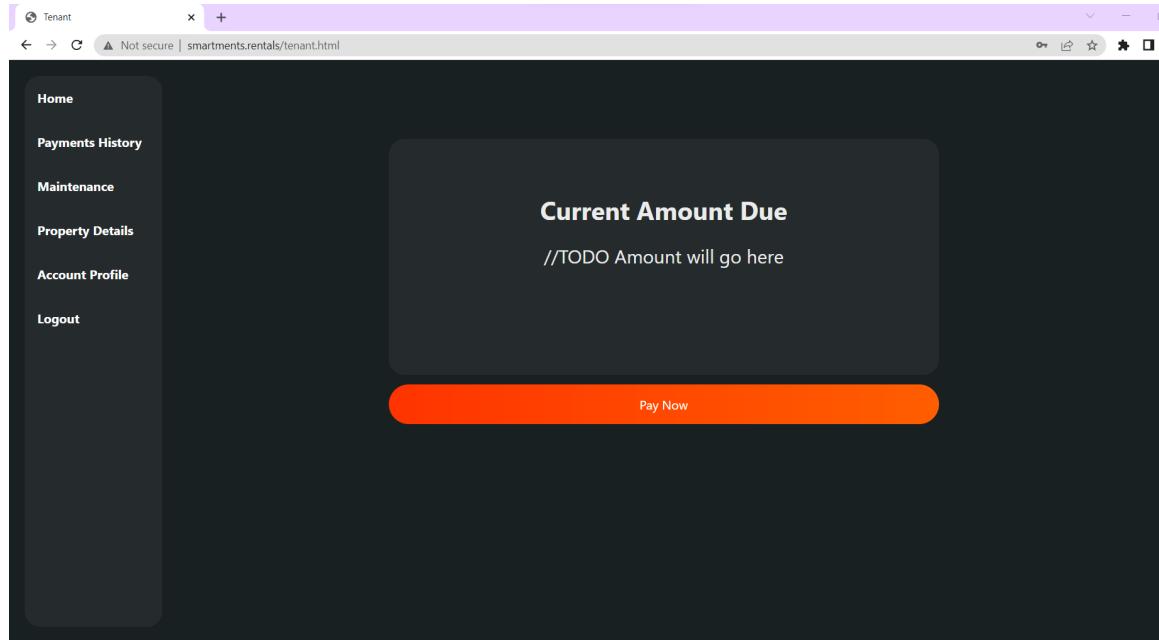


Figure 7: Tenant Homepage

User previews their bills for the month and can access the rest of the pages

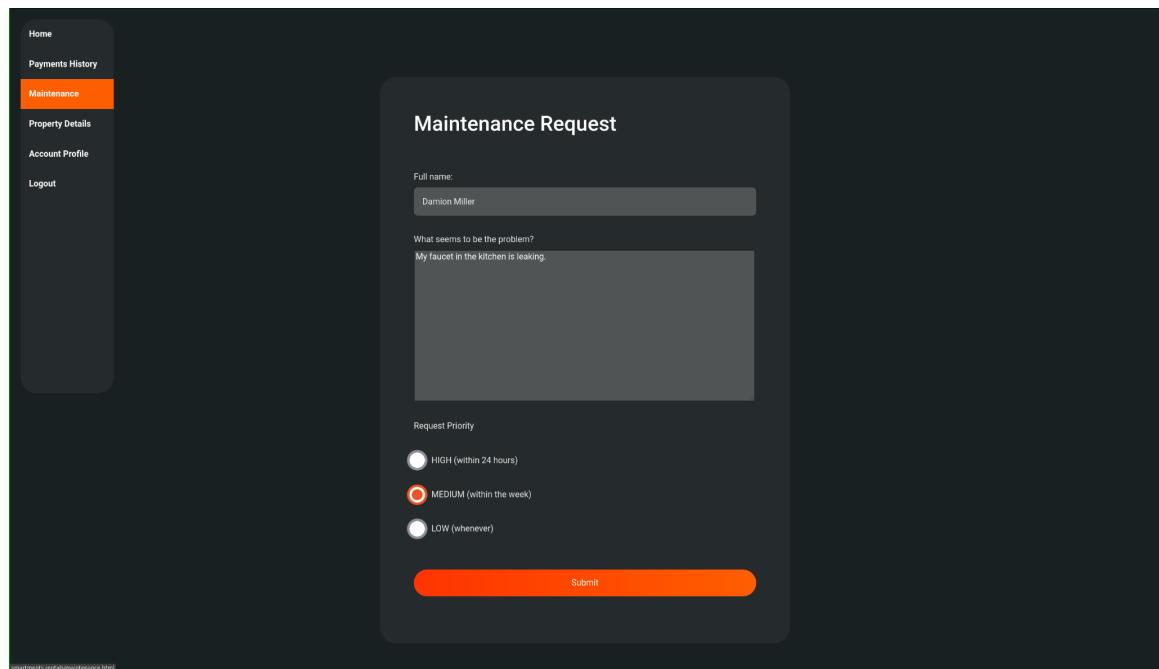


Figure 8: Maintenance Form

User fills out a maintenance request and submits it

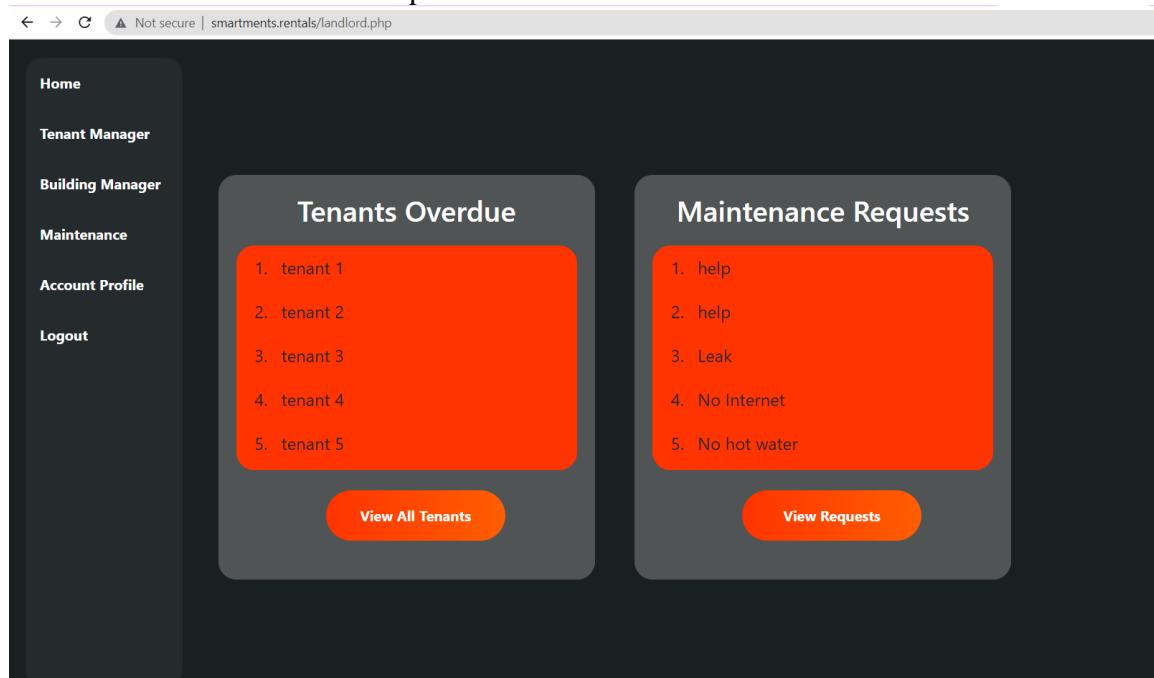


Figure 9: Landlord Homepage

Landlord previews overdue payments from tenants and maintenance requests, along with having access to the rest of the landlord pages. Only landlords are able to view these details, ensuring security.

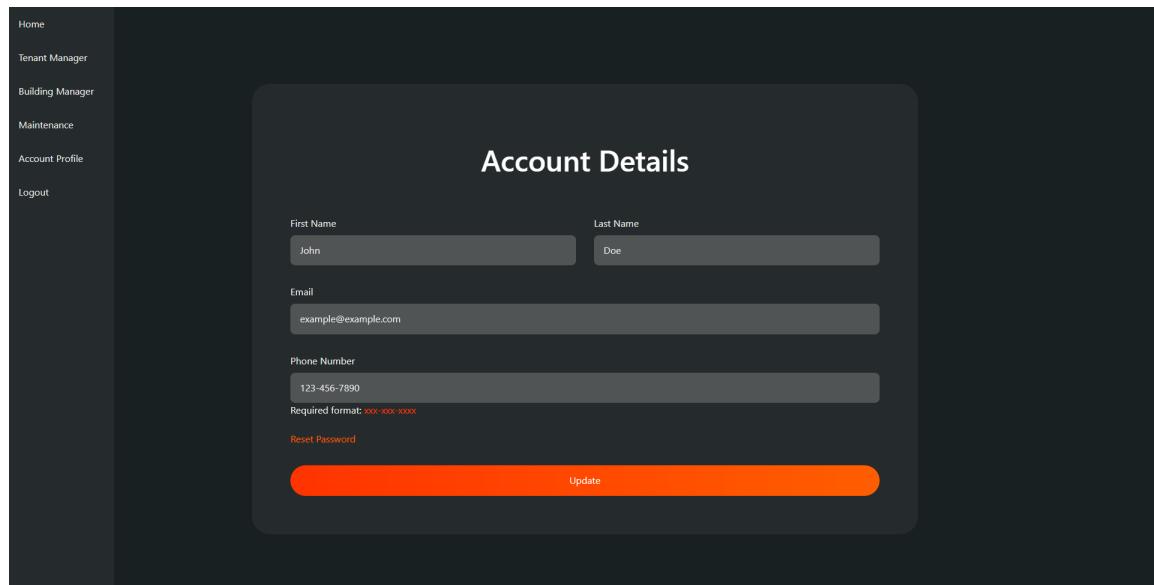


Figure 10: Account Details

User can view and change their account details

The screenshot shows the 'Apartment Details' page. On the left is a vertical navigation menu with links: Home, Tenant Manager, Building Manager, Maintenance, Account Profile, and Logout. The main content area has a title 'Apartment Details'. Below it is a card with the following data:

Apartment Number	Rent	Tenants	Max Tenants
111	\$1000	2	3

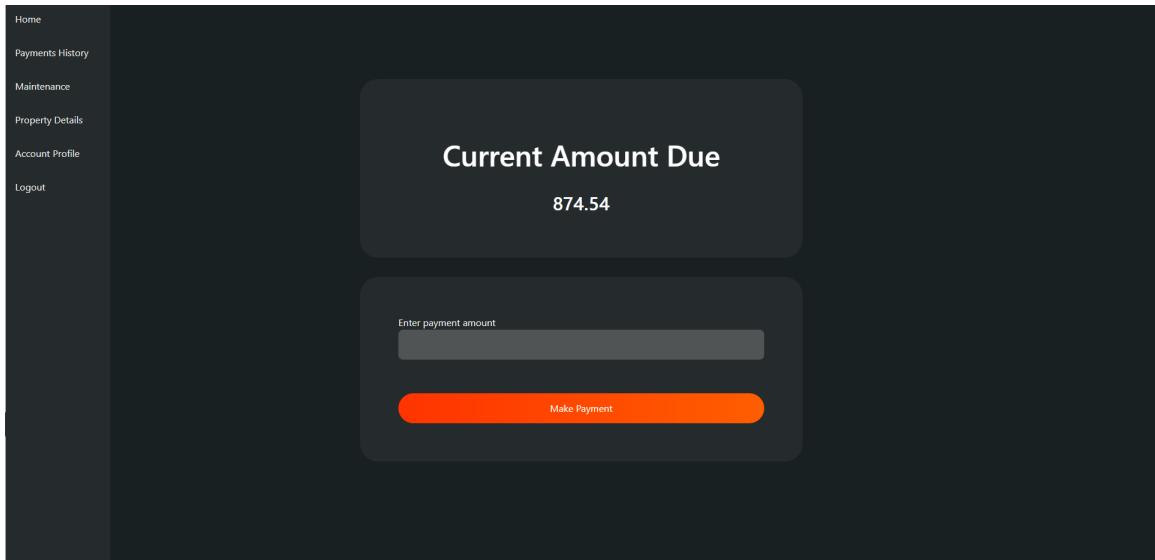
A small orange 'Change Rent' button is located at the bottom right of the card. Below the card is a section titled 'Tenants' containing two cards: one for 'John Doe' and one for 'Jane Doe'. Each tenant card displays their name, email, and phone number. At the bottom of the page is an orange 'Add Tenant' button.

Apartment Details
Landlord can view apartment details and change rent

The screenshot shows the 'Payment History' page. On the left is a vertical navigation menu with links: Home, Payments History, Maintenance, Property Details, Account Profile, and Logout. The main content area has a title 'Payment History'. Below it is a table showing payment history details:

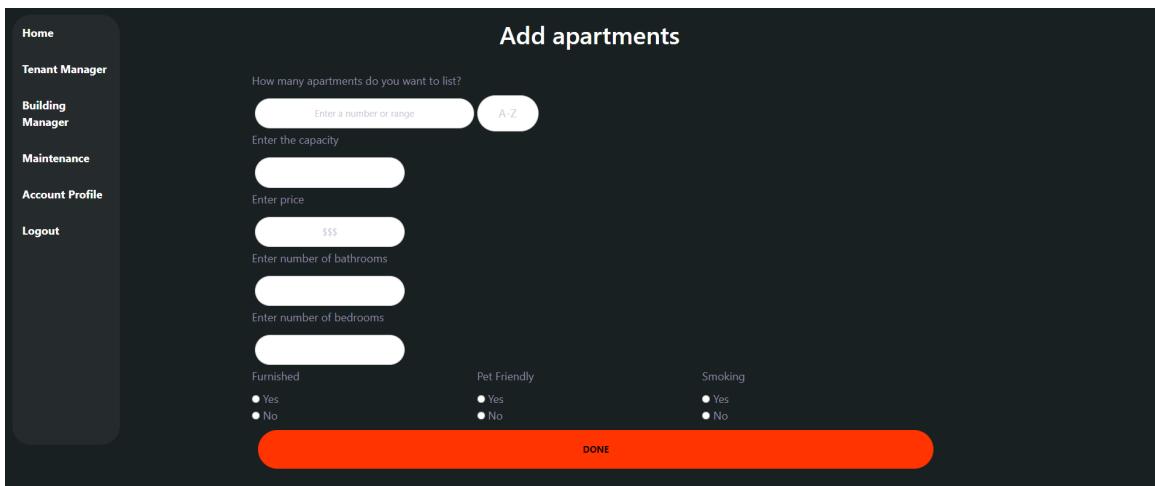
Date	Amount
11/17/2022	\$350.00
10/31/2022	\$5.46

Payment History
Tenant can view their payment history details



Tenant Homepage

Tenants can view due amounts, overdue bills, and will be able to make payments. The tenant cannot pay more money than is due, if they do then the excess amount is refunded to them.



Add Apartment

Landlord can list an apartment

What is Smartments?

What do we do?
We provide an online portal to make renting more efficient, benefiting both landlords and tenants. We provide a web app in which the tenant will be charged every month using a payment method of their choosing. With that, we will make sure the landlord gets the money on time, and can easily track which tenants have paid

[LEARN MORE >>](#)

How do we do it?
We will send an email notification to the tenant one day before the payment is made. In case their payment does not go through we will notify them every day. If they do not pay the landlord will have the option to send an eviction notice. The result is that the tenant will be more responsible and they will prioritise having the money to pay the monthly rent and we will minimise the interaction between the landlord and the tenant.

Are you ready for your next experience? [GET STARTED](#)

About us

Both landlords and tenants can view what Smartments is about before making an account or logging in.

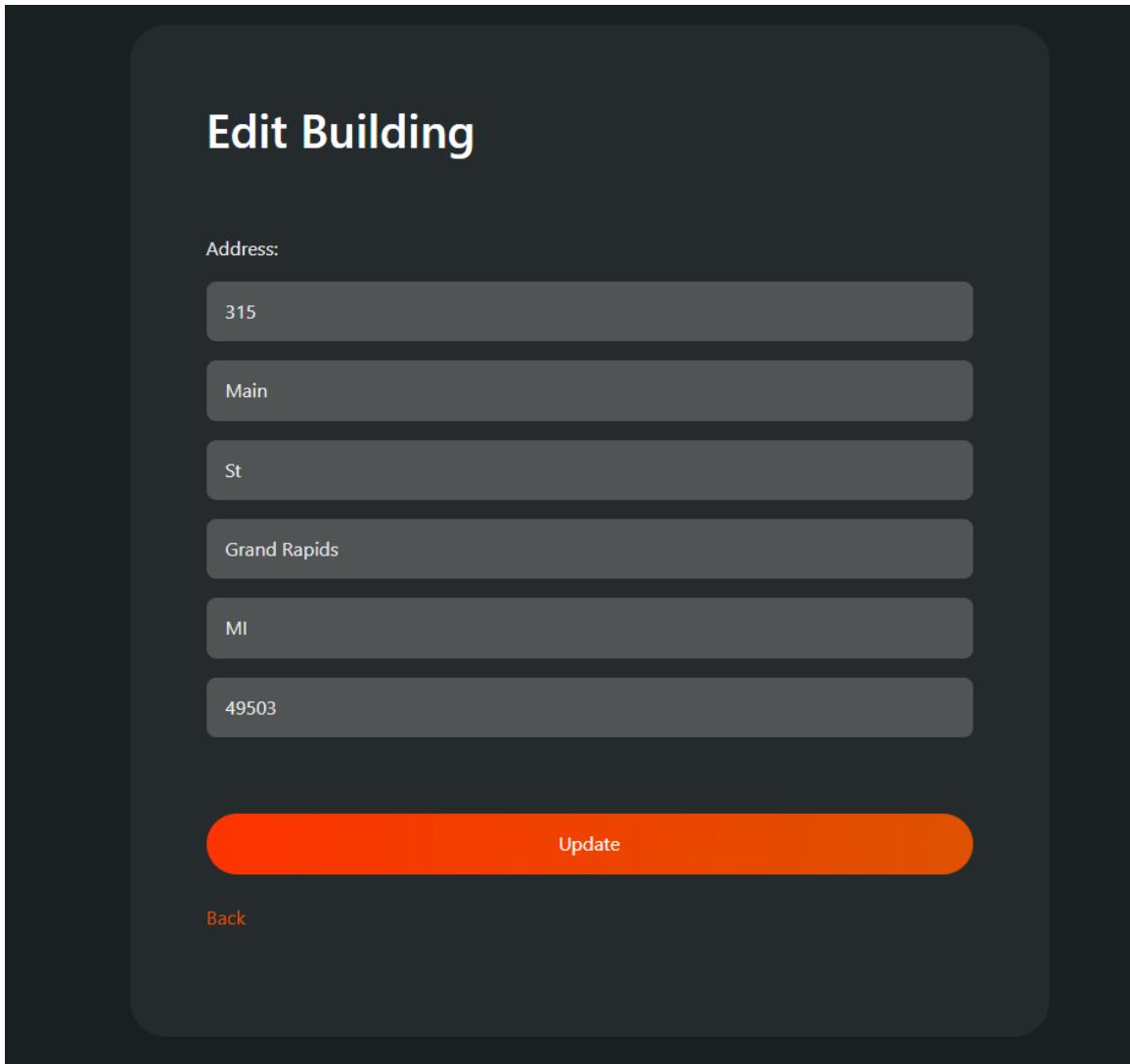
Building Manager

Address	Available Apartments	More Details
123 four st.	1	Details
456 seven rd.	1	Details

[Add Building](#)

Building Manager

Building Manager now displays all buildings registered to the logged in landlord account



Edit Building

Landlords are now able to edit the address of an already created building

Edit apartment

[Back](#)

Apartment Number

 B

Enter the capacity

Enter price

Enter number of bathrooms

Enter number of bedrooms

Furnished

- Yes
- No

Pet Friendly

- Yes
- No

Smoking

- Yes
- No

Apartment Images:



[Choose File](#) | No file chosen



[Choose File](#) | No file chosen

Remove

[Choose File](#) | No file chosen

[Choose File](#) | No file chosen

[Choose File](#) | No file chosen

[UPDATE APARTMENT](#)

Edit Apartment

Landlords are now able to edit the details of their apartments as well as add, replace, and remove pictures

New Building

Address:

Street Number

Street Name

Street Type (Ex. Rd.)

City

State

Zip Code

Add Building

Add Building

Form for landlords to add a new building

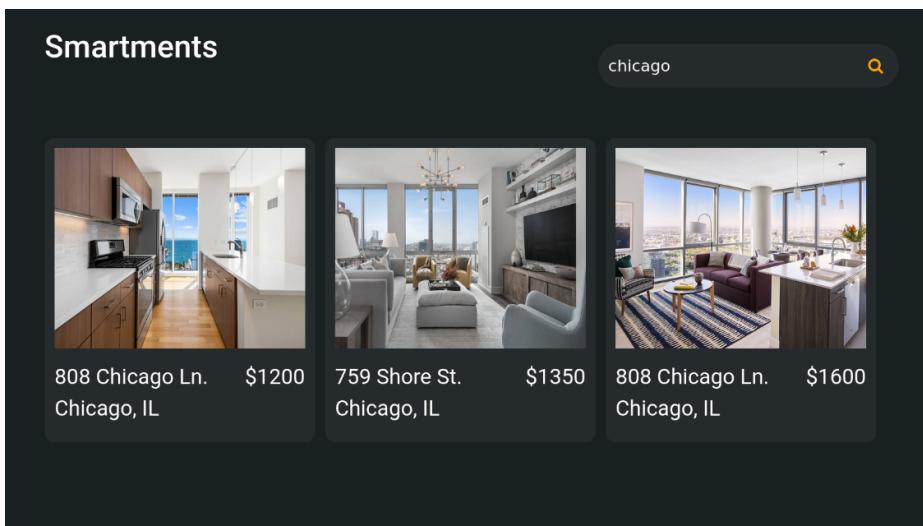
Building Details

Apartment Number	Rent	Tenants	Apartment Info
1	\$600	3	Details
2	\$600	2	Details

[Add Apartments](#)

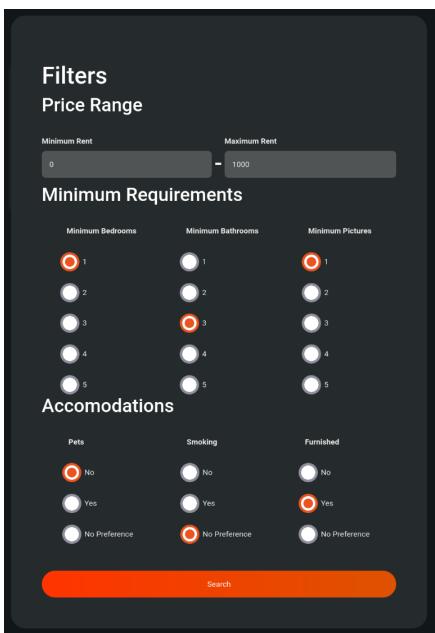
Building Details

Building Details shows apartments registered to a particular building



Search

Users can search for various addresses using the search bar.



Filters

Users can search for various apartments using the filters.

Apartment Details

808 Chicago Ln. Apartment 1S Chicago, IL 42230

Monthly Rent: \$1600

1 Bathroom
1 Bedroom

Furnished
Not Pet Friendly
No Smoking



Login as Tenant to Request Apartment

Apartment Details Browse

Anyone can now browse available apartments and request them if logged in as a tenant.

Are you sure you want to delete the following apartment?

Apartment 15B in building 1 a rd Apartment 15A
a, a 1

Confirm

Back

Delete Apartment Confirm

Landlords are now able to delete apartments and buildings. Deleting a building will also delete all associated apartments and all images associated with said apartments from the database and server

