

# ASSIGNMENT 3

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## INSPIRATION

Name of the Lettings Agency: Anaissuh Lettings Agency  
(It's my name in reverse)

Inspiration for the web application was taken from the following sites:

- [Forbes Real Estate](#)
- [Keane Thompson](#)

## TUTORIALS

These are the tutorials that I used while building the web-application.

(This was requirement by our professor of last year to reference any sites and tutorials we had used while building the project, since I wasn't sure if this was required or not this year I kept a note just in case)

- [Building a Web Server with Node.js](#)
- [What is SSR and CSR](#)
- [Building a Form in Node.js](#)
- [Node js Crash Course](#)
- [SSR with nodejs](#)
- [CSR vs SSR Simplified](#)
- [Cookie Parser](#)
- [Authentication in Node.js](#)
- [Node js Project Structure and Architecture Best Practices](#)
- [How to structure a Node.js project](#)
- [Card Carousel](#)
- [Using Bootstrap](#)
- [Hashing Passwords in Node using bcryptjs](#)
- [Encrypt password with bcryptjs](#)
- [Preventing Scrolling](#)
- [Prevent Scrolling when Modal window is open](#)

## SYSTEM WORKING

- Homepage



The home page inspiration is from the forbe's website, but the sidebar inspiration is from the Keane Thompson website.



When the sidebar is open, scrolling the website will be disabled; tutorials to achieve this effect have been referenced above.

Basic Information about the agency (the content is copied from Keane Thompson website)

Anaissuh  
Lettings

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## About Anaissuh Lettings

Welcome to Anaissuh Lettings, your go-to agent in South Dublin.

Located in Sandyford, Dublin 18 and established in 2007, our dedicated team of seasoned professionals possesses an unwavering passion for the world of property. We are committed to guiding you seamlessly through the entire process, ensuring your journey is as smooth as possible.



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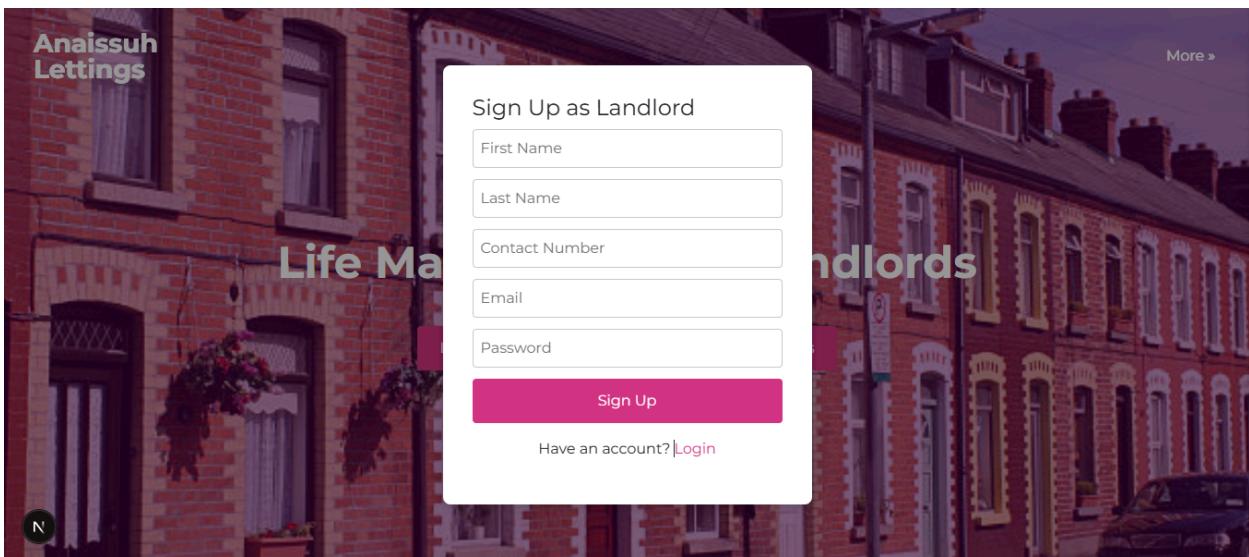
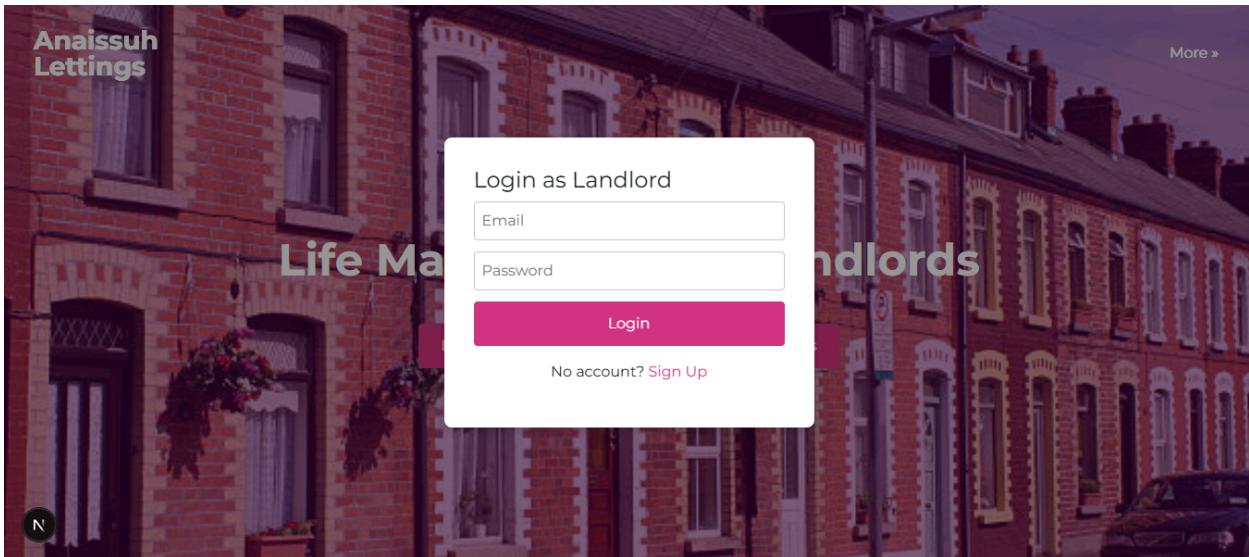


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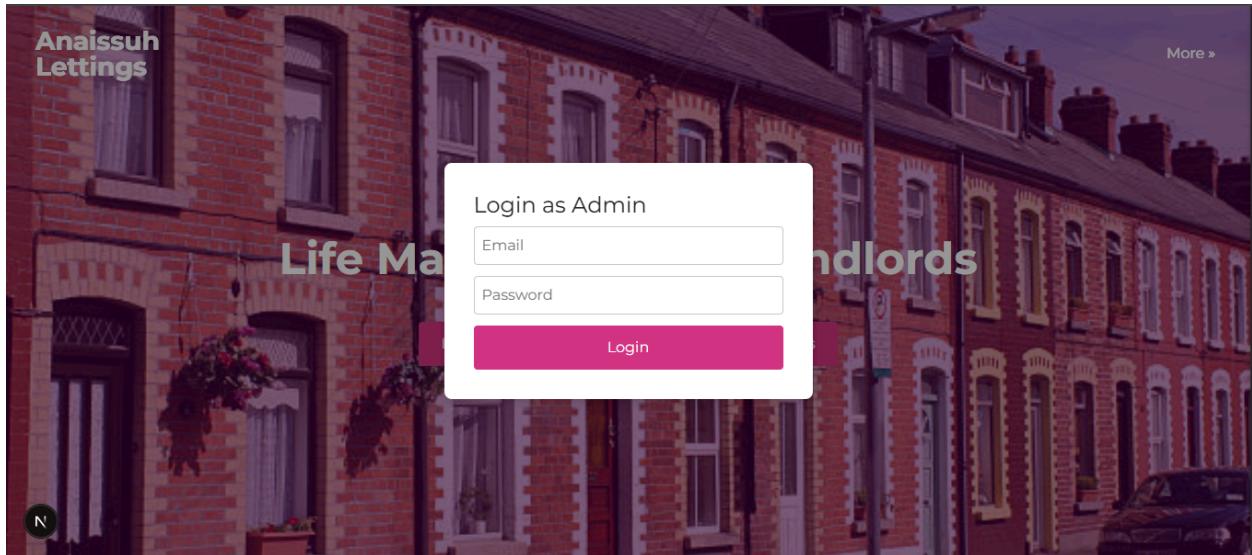
Footer inspiration is also from the Forbes real estate website.

**Login/Register -**

I'm aware that login and register were supposed to be pages according to the assignment brief, but I had already started and had finally been able to make the code work which is why I chose to keep it that way.



Same options for tenant



- Landlord Dashboard



The footer is there on every page, you just need to scroll down. It is kept that way on purpose to make the site look neater.

The screenshot shows the homepage of the Anaissuh Lettings website. It features a header with the logo "Anaissuh Lettings" and a "Welcome, Aaron!" message. Below the header is a navigation bar with "My Properties" and "Add Property" buttons. A table displays two property listings:

Address	Type	Price	Beds	Baths	BER	Actions
131 Grianan Fidh, Aiken's Village, Sandyford, Dublin 18	Terrace House	€595,000	4	3	C1	<a href="#">Edit</a> <a href="#">Delete</a>
Apartment 404, Block 1A, Griffith Halls of Residence, Dublin 08, D08 CC67	Apartment	€2800/	2	2	A3	<a href="#">Edit</a> <a href="#">Delete</a>

The background of the page is a photograph of a row of brick terraced houses.

The screenshot shows the "Edit Property" form for the first property listed. The form fields are as follows:

- Address: 131 Grianan Fidh, Aiken's Village, Sandyford, Dublin 18
- Type: Terrace House
- Price (€...): 595,000
- Beds: 4
- Baths: 3
- BER Rating: C1

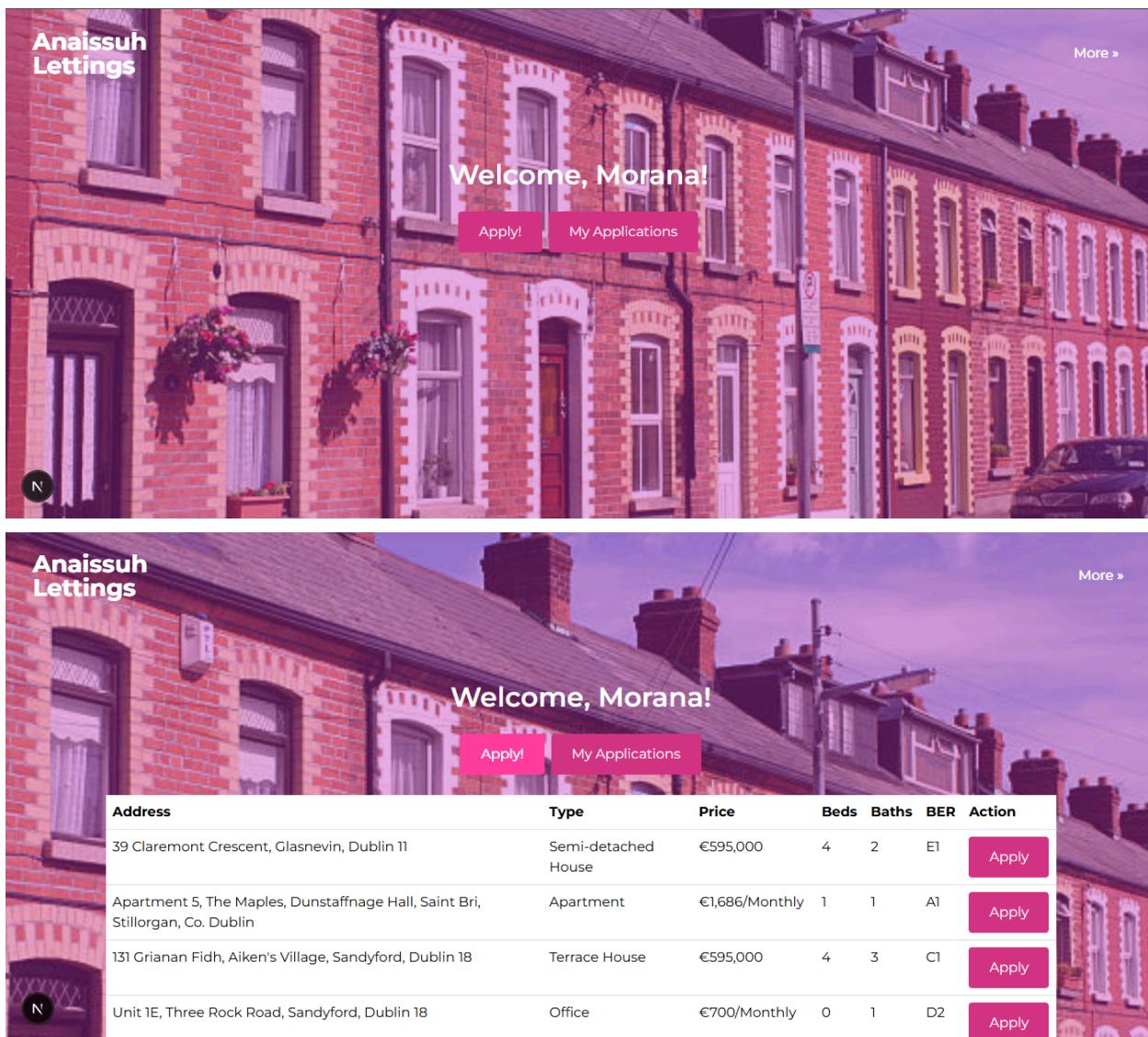
A "Save Changes" button is visible at the bottom of the form. The background of the form is a photograph of a row of brick terraced houses.



Once you're logged in. The options of logging in as landlord or another tenant are disabled from the side bar until you logout.

The screenshot shows the same homepage as above, but with a sidebar on the right for a logged-in user named "Aaron". The sidebar includes links for "Landlords", "Tenants", "Admin", "Property Listings", "About Us", and "Logout". It also features a "Get in Contact:" section with phone number and email information, and a "Business Hours" section. The rest of the page is identical to the first screenshot.

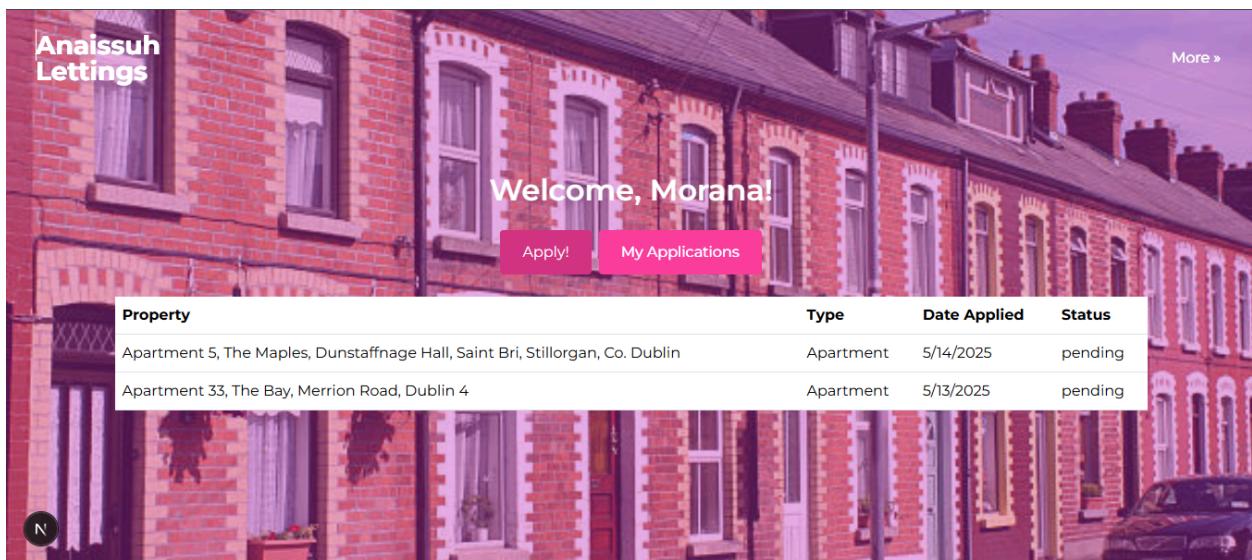
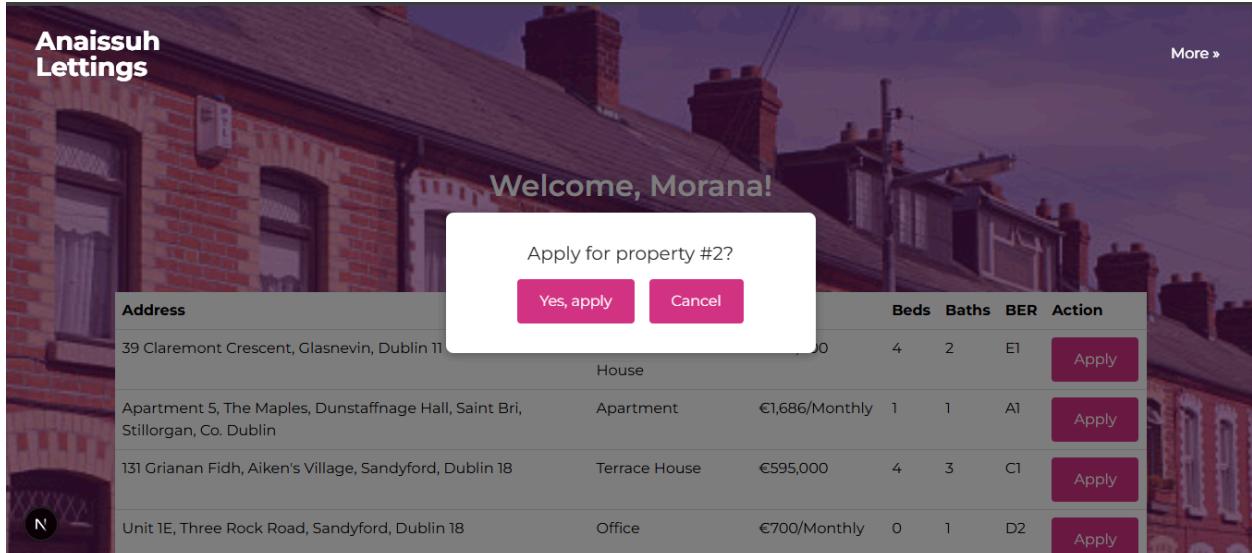
- Tenant Dashboard



The screenshot shows a tenant dashboard for 'Anaissuh Lettings'. At the top left is the logo 'Anaissuh Lettings'. In the center, it says 'Welcome, Morana!'. Below that are two buttons: 'Apply!' and 'My Applications'. The background features a photograph of a row of red brick terraced houses. A small circular icon with the letter 'N' is visible in the bottom left corner.

Address	Type	Price	Beds	Baths	BER	Action
39 Claremont Crescent, Glasnevin, Dublin 11	Semi-detached House	€595,000	4	2	E1	<a href="#">Apply</a>
Apartment 5, The Maples, Dunstaffnage Hall, Saint Bri, Stillorgan, Co. Dublin	Apartment	€1,686/Monthly	1	1	A1	<a href="#">Apply</a>
131 Grianan Fidh, Aiken's Village, Sandyford, Dublin 18	Terrace House	€595,000	4	3	C1	<a href="#">Apply</a>
Unit 1E, Three Rock Road, Sandyford, Dublin 18	Office	€700/Monthly	0	1	D2	<a href="#">Apply</a>

In the table, upon clicking on the address you will be redirected to the Property Listings page, this feature is common everywhere properties are listed.



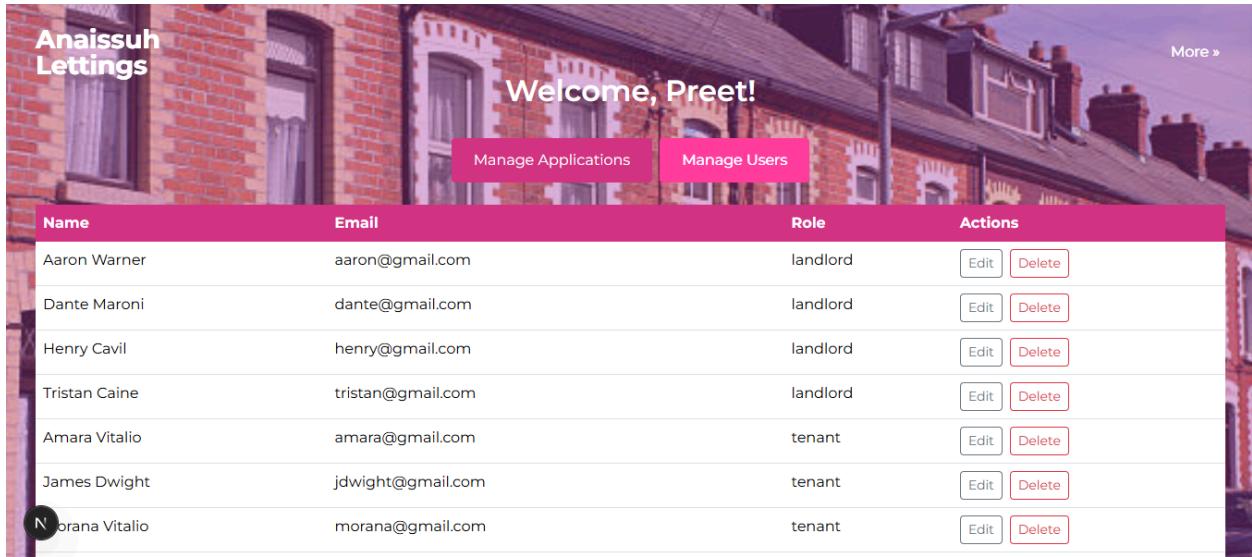
- Admin Dashboard

The screenshot shows the Anaissuh Lettings Admin Dashboard. The header features the brand name "Anaissuh Lettings" and a "Welcome, Preet!" message. Below the header is a navigation bar with "Manage Applications" and "Manage Users" buttons. The main content area displays a table of property applications:

Tenant	Property	Status	Date	Actions
Morana	Apartment 5, The Maples, Dunstaffnage Hall, Saint Bri, Stillorgan, Co. Dublin	pending	5/14/2025	<button>Approve</button> <button>Decline</button>
Morana	Apartment 33, The Bay, Merrion Road, Dublin 4	pending	5/13/2025	<button>Approve</button> <button>Decline</button>
James	Unit 1E, Three Rock Road, Sandyford, Dublin 18	pending	5/13/2025	<button>Approve</button> <button>Decline</button>
James	Apartment 5, The Maples, Dunstaffnage Hall, Saint Bri, Stillorgan, Co. Dublin	pending	5/13/2025	<button>Approve</button> <button>Decline</button>
Nick	Apartment 9, Caldragh, Saval Park Road, Co. Du, Dalkey, Co. Dublin	approved	5/13/2025	<button>Approve</button> <button>Decline</button>

At the bottom of the dashboard, there is a footer with copyright information and a local host URL.

Once an application has been approved or disapproved, the buttons will become inaccessible or invalid.



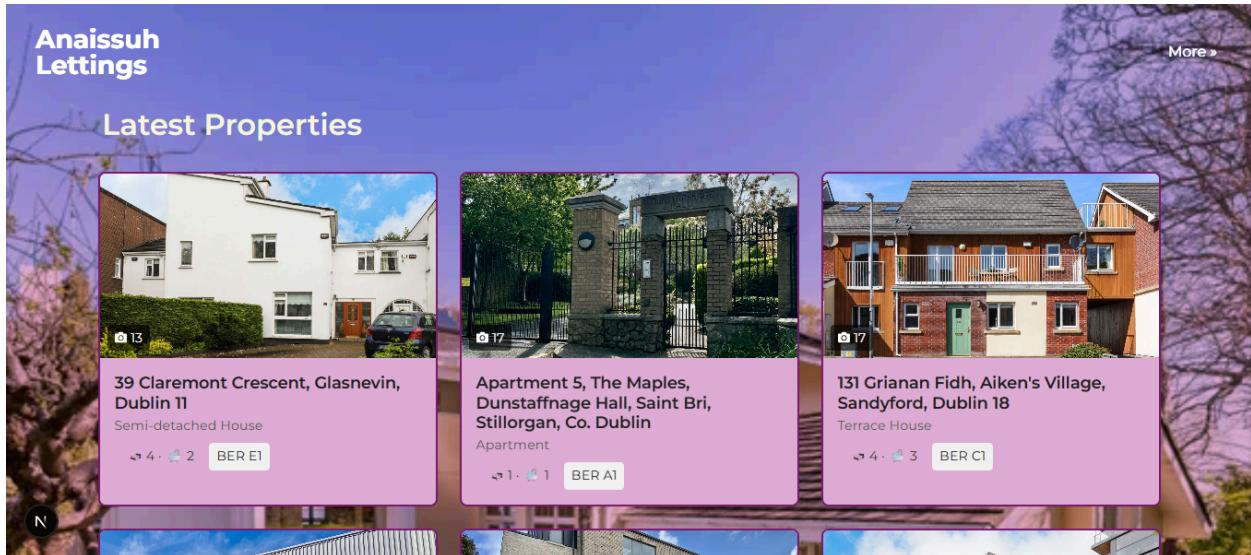
The screenshot shows the homepage of the Anaissuh Lettings application. At the top, there is a header with the logo "Anaissuh Lettings" and a welcome message "Welcome, Preet!". Below the header are two buttons: "Manage Applications" and "Manage Users". The main content area displays a table of users with columns for Name, Email, Role, and Actions (Edit and Delete buttons). The users listed are Aaron Warner, Dante Maroni, Henry Cavil, Tristan Caine, Amara Vitalio, James Dwight, and Morana Vitalio.

Name	Email	Role	Actions
Aaron Warner	aaron@gmail.com	landlord	<button>Edit</button> <button>Delete</button>
Dante Maroni	dante@gmail.com	landlord	<button>Edit</button> <button>Delete</button>
Henry Cavil	henry@gmail.com	landlord	<button>Edit</button> <button>Delete</button>
Tristan Caine	tristan@gmail.com	landlord	<button>Edit</button> <button>Delete</button>
Amara Vitalio	amara@gmail.com	tenant	<button>Edit</button> <button>Delete</button>
James Dwight	jdwight@gmail.com	tenant	<button>Edit</button> <button>Delete</button>
Morana Vitalio	morana@gmail.com	tenant	<button>Edit</button> <button>Delete</button>

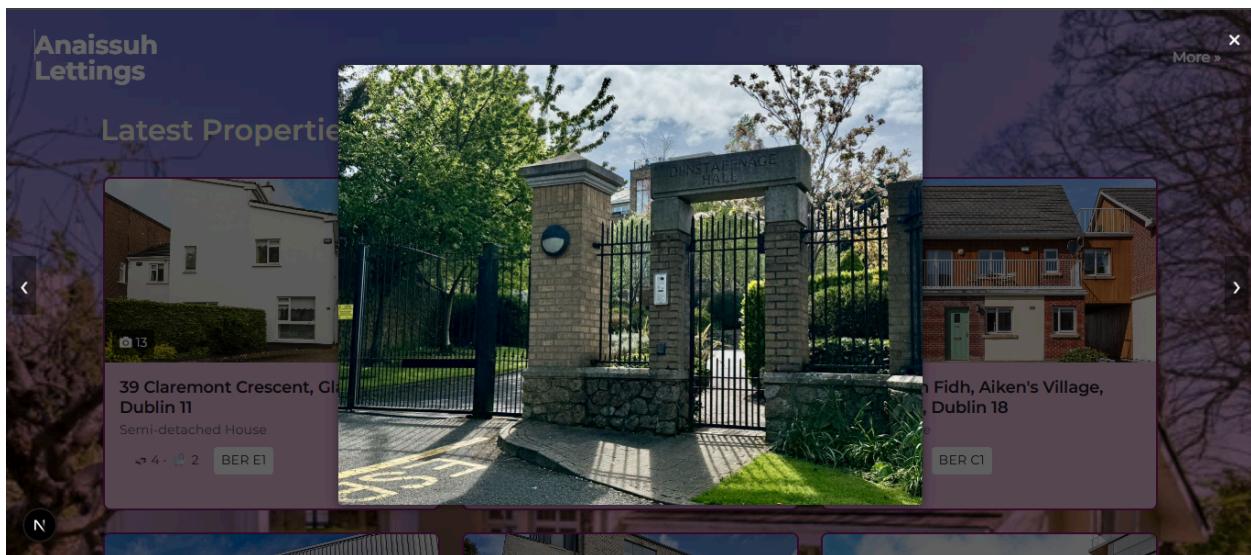
  


The screenshot shows the "Edit User" page for the user Aaron Warner. The page has fields for First Name (Aaron), Last Name (Warner), Contact (0853573314), Email (aaron@gmail.com), and Role (landlord). At the bottom, there are "Save Changes" and "Cancel" buttons. The footer of the page includes copyright information: "© Copyright 2025 - All Rights Reserved | PSRA 002646 | Privacy Policy".

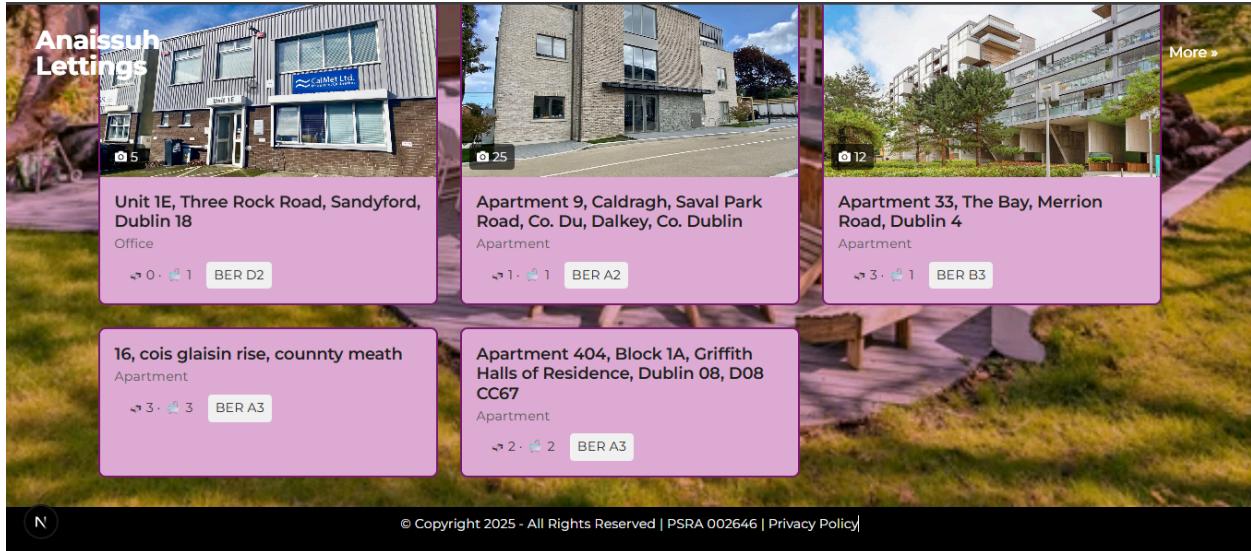
- Property Listings



The card carousel idea was also inspired by the Forbes Real Estate website, had to watch a lot of tutorials to make this work since everything is connected to the database. A few of them are referenced above.



The carousel can also be accessed by the arrow keys on the keyboard, to escape the carousel you can click anywhere on the screen, press esc key or just click the cross at the top right.



Properties added by landlord will be displayed as such, since I couldn't figure out how to accept images and making this work was taking too much time.

- About Us Page

**Hussaina Hussain (3136381)**

About Hussaina

Hussaina is from India and she's 18 years old. She is a massive book worm and reads books like she breathes. Her favourite way to enjoy a day would be a cozy spot with good lighting, a nice snack and her book. She can speak four languages fluently and can read and write a fifth one. She has been into coding since she was 13 years old and enjoys the thrill of making something from scratch.

She works well under pressure but would prefer working at her own pace and usually that is the reason she starts her assignments long before they are due.

An extra page, since both websites had some sort of team page.

## LOGIN CREDENTIALS

(email - password)

1. Landlords:

[tristan@gmail.com](mailto:tristan@gmail.com) - tristan  
[dante@gmail.com](mailto:dante@gmail.com) - babygirl123  
[aaron@gmail.com](mailto:aaron@gmail.com) - cookieforkeat  
[henry@gmail.com](mailto:henry@gmail.com) - musclemuscle

2. Tenants

[morana@gmail.com](mailto:morana@gmail.com) - morana  
[amara@gmail.com](mailto:amara@gmail.com) - maddybaby  
[jdwight@gmail.com](mailto:jdwight@gmail.com) - colonel123  
[nick@gmail.com](mailto:nick@gmail.com) - nicknwills

3. Admin

[rosh@anaissuhlettings.ie](mailto:rosh@anaissuhlettings.ie) - flower123  
[preet@anaissuhlettings.ie](mailto:preet@anaissuhlettings.ie) - coobirds