

Group Project – Build A Web Application

1. Name and student numbers of all team members and Web Application Name

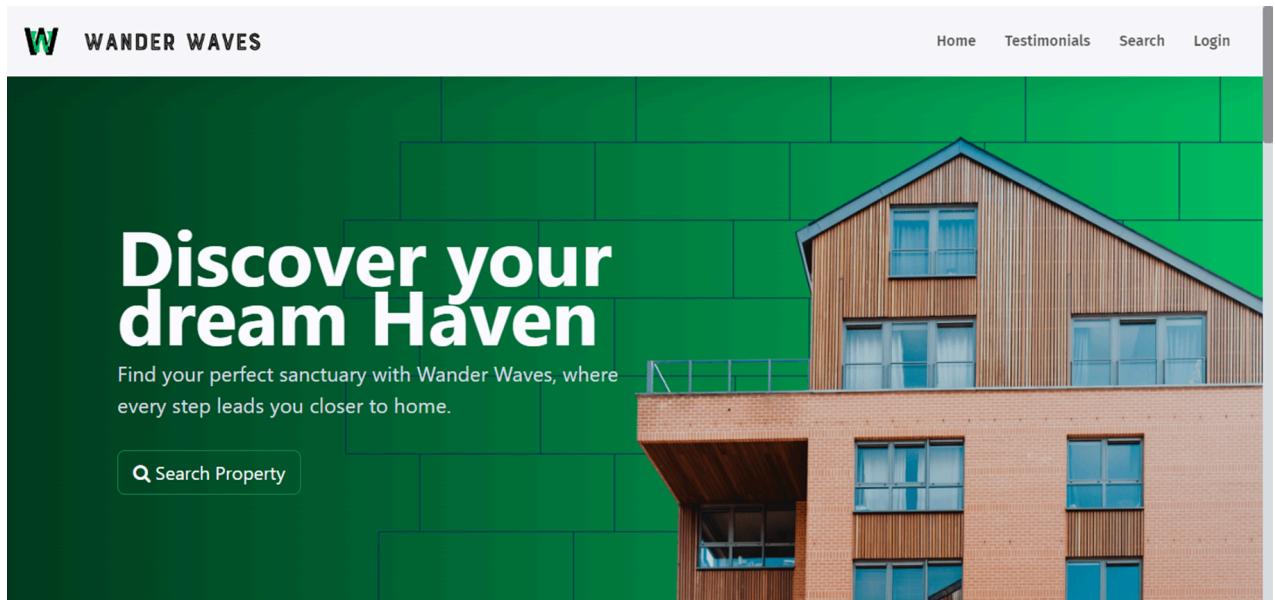
Student Name 1:	Joshan John	Student Number	3092883
Student Name 2:	Anna Gromyko	Student Number	3108823
Student Name 3:	Getrude Cherono	Student Number	3111801

Web Application Name: Wander Waves

2. The main pages

Admin details: admin@gmail.com password: Getty@2003

index.php (seen by all levels)



Features page-

3 properties are taken from the first three properties in the database and are featured in home page

Best homes in Dublin



\$1400
Ann's Home
Griffith Hall Of Residence South
Circular road

2 Bed 2000 sqft



\$2100
greenspan
st mary

4 Bed 200 sqft



\$2100
greenspan
st mary

4 Bed 200 sqft

adverts page

The adverts page advertises brands that are sponsoring our website eg.Bank of Ireland, permanent tsb and department of tourism

ADVERTS



Mortgages



Whether you're buying one or making one,
Welcome Home.



reviews page

OUR REVIEWS

Effortless Experience

"Wander Wave made my house hunting experience effortless! Their extensive listings and user-friendly interface helped me find my dream home in no time."

@John Doe

A Breeze!

"As a landlord, listing my property on Wander Wave was a breeze. Within days, I had interested tenants lining up. Highly recommend!"

@Michael Johnson

Fast Response

"Wander Wave exceeded my expectations in every way possible. Professional, efficient, and trustworthy. I wouldn't hesitate to recommend them to anyone in search of a new home."

@Matthew Taylor

contact page

Get in touch

Get in touch with us and let's start a conversation about your property needs today!

Name	Mobile number
Email address	
subject	
Enter Message	

Send Message



Log In Form

Email address

Password

 Remember me

[Forgot password?](#)

 Don't have an account? [Register](#)

Registration Form

First Name Last Name

Email Phone Number

Tenant User Category

Password

Search page- implemented cookies to the search page

SEARCH

Select Dublin Area:

Price Range from:

5100

Number of Rooms:

Check-in Date:

Check-out Date:

COOKIES

Our website uses cookies

SEARCH

Select Dublin Area:

Price Range from:

200

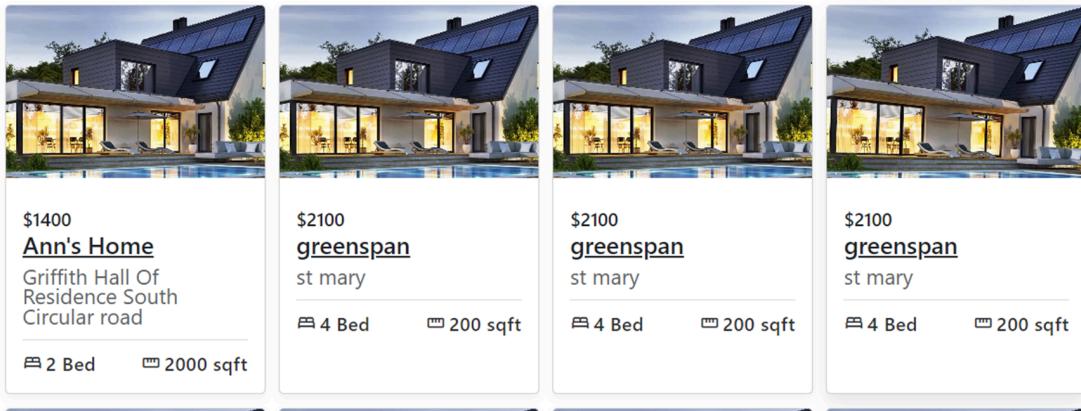
Number of Rooms:

Check-in Date:

Check-out Date:

property page- shows all properties based on what you have searched

Best homes in Dublin



3. Additional pages

Tenant section

When tenant clicks on the name of a property, they are redirected to the property details page that shows the details of the property and appliances available, below it is a rent button that is only available to the tenant. A tenant can choose to rent the property

Ann's Home

Address: Griffith Hall of Residence South Circular road

Eircode: D08 H4U9

Category: apartment

Price: \$1400

Start Date: 2024-04-10

End Date: 2024-04-30

Description: Griffith Halls of Residence (GHR) is purpose-built student accommodation located in Dublin 8, a desirable neighbourhood just a few minutes' walk south of the city centre. GHR is pleased to open its doors to tourists from all over the world exclusively during our summer months.

Number of Beds: 2

Size: 2000 sqft

Description: Griffith Halls of Residence (GHR) is purpose-built student accommodation located in Dublin 8, a desirable neighbourhood just a few minutes' walk south of the city centre. GHR is pleased to open its doors to tourists from all over the world exclusively during our summer months.

Number of Beds: 2

Size: 2000 sqft

Included appliances:

Washing machine: No

Microwave: Yes

Dryer: Yes

WiFi: Yes

TV: Yes

Rent property

Once tenant clicks on rent property button, they have to give the dates they will move in and sign the agreement provided by the landlord, which is only in Read-only format

tenant agreement page

Tenancy agreement

start_date
30/04/2024

End_date
10/08/2024

Tenant agreement

This agreement serves as a contract for the tenancy of the property
Rent: The monthly rent for the property should be paid on time
Maintenance: The tenant agrees to maintain the property in good condition and promptly report any damages or maintenance issues to the landlord.
Use of Property: The property is to be used solely for residential

The information provided will be used to update the tenant account
tenant account page



getrude cherono

Monthly Rental fee: 1400

Tenancy length: 102

Tenancy agreement: This agreement serves as a contract for the tenancy of the property Rent: The monthly rent for the property should be paid on time Maintenance: The tenant agrees to maintain the property in good condition and promptly report any damages or maintenance issues to the landlord. Use of Property: The property is to be used solely for residential purposes and not for any illegal activities. Pets: No pets allowed Subletting: Subletting of the property is strictly prohibited without prior written consent from the landlord.

The tenant or the admin can choose to edit the tenant account

Tenancy length: 102

Tenancy agreement: This agreement serves as a contract for the tenancy of the property Rent: The monthly rent for the property should be paid on time Maintenance: The tenant agrees to maintain the property in good condition and promptly report any damages or maintenance issues to the landlord. Use of Property: The property is to be used solely for residential purposes and not for any illegal activities. Pets: No pets allowed Subletting: Subletting of the property is strictly prohibited without prior written consent from the landlord. Termination: Either party may terminate this agreement with written notice. By signing this agreement, you agree to abide by the terms and conditions outlined herein.

Start Date: 2024-04-30**End Date:** 2024-08-10**Amount paid:** 650**Amount owed:** 0[Edit account](#)

tenant account edit page

Edit Tenant account

Start date**End date****Amount Paid**[Confirm](#)

Landlord section



\$1400
Ann's Home
 Griffith Hall Of Residence
 South Circular road
2 Bed 2000 sqft



\$2100
greenspan
 st mary
4 Bed 200 sqft



\$2100
greenspan
 st mary
4 Bed 200 sqft

Edit Property

Price

Start Date
 □

Name

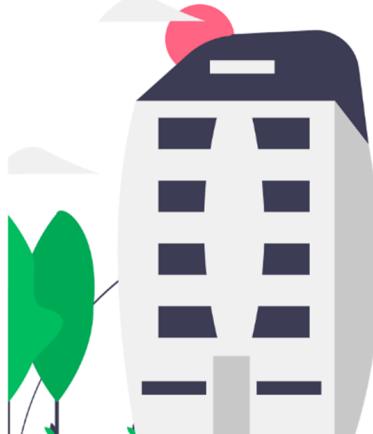
Address

Eircode

End Date
 □

Description

Number of Beds



Eircode

D05FV12

Find

Property Inventory Details

Property ID: 19

Washing machine: Yes

Microwave: Yes

Dryer: No

Wi-Fi: Yes

Property ID: 21

Washing machine: Yes

Microwave: Yes

Dryer: Yes

Wi-Fi: Yes

[Add new property](#)[Search Property](#)**Best homes in Dublin**

\$1400
Ann's Home
 Griffith Hall Of
 Residence South
 Circular road



\$2100
greenspan
 st mary



\$2100
greenspan
 st mary



\$2100
greenspan
 st mary

Add Property

Price

Start Date



End Date



Name

Address

Eircode

Category

Number of Beds

Size

Tenant agreement

greenspan

Address: st mary
 Eircode: D09T1UT
 Category: apartment
 Price: \$2100
 Start Date: 2024-12-02
 End Date: 2024-12-23
 Description: good
 Number of Beds: 4
 Size: 200 sqft

Included appliances:



Washing machine: Yes
 Microwave: Yes
 Dryer: Yes
 WiFi: Yes
 TV: Yes

[Add new property](#)[Search Property](#)

Best homes in Dublin



\$1400
Ann's Home
 Griffith Hall Of
 Residence South
 Circular road
 2 Bed 2000 sqft



\$2100
greenspan
 st mary
 4 Bed 200 sqft



\$2100
greenspan
 st mary
 4 Bed 200 sqft



\$2100
greenspan
 st mary
 4 Bed 200 sqft

Inventory page

localhost/scripts/WanderWaves/pages/inventory/inventory_details.php

W WANDER WAVES

Home Testimonials Search Manage FeedBacks LandLord Edit Inventory Explore Log Out



Eircode

Find

Admin section

In index page admin can upload new ad images.

The screenshot shows a web page titled "ADVERTS". At the top right is a navigation bar with links: Home, Testimonials, Search, Manage FeedBacks, LandLord Edit, Inventory, Explore, and Log Out. Below the navigation bar is a large image of a house icon. To the left of the house is the "Bank of Ireland" logo, which consists of a blue shield with three wavy lines and the text "Bank of Ireland". In the center, the word "Mortgages" is written in a large, bold, black font. Above the house icon, there is a button labeled "Upload" with an upward arrow icon. Below the house icon, the text "Whether you're buying one or making one, Welcome Home." is displayed.

if the admin clicks upload, it takes the upload page, where the admin can choose an image.

The screenshot shows a browser window with the URL "localhost/scripts/Wander Waves/pages/adverts/addAdverts.php". The page has a header with the "WANDER WAVES" logo and a navigation bar with the same links as the previous page. The main content area is titled "Upload Advertising Photo" and features a large green circular "upload" icon with an upward arrow. Below the title is a file input field with the placeholder "Choose file" and "No file chosen", followed by a "Upload" button. At the bottom of the form is a checkbox labeled "Save ads".

Admin can Edit the reviews.

The screenshot shows a web browser window with the URL `localhost/scripts/WanderWaves/index.php`. The page title is "WANDER WAVES". A banner at the top right says "Ireland". Below the banner, the heading "OUR REVIEWS" is centered. There is a button labeled "EditReviews" with a pencil icon. Three review cards are displayed:

- Effortless Experience**
"Wander Wave made my house hunting experience effortless! Their extensive listings and user-friendly interface helped me find my dream home in no time."
—John Doe
- A Breeze!**
"As a landlord, listing my property on Wander Wave was a breeze. Within days, I had interested tenants lining up. Highly recommend!"
—Michael Johnson
- Fast Response**
"Wander Wave exceeded my expectations in every way possible. Professional, efficient, and trustworthy. I wouldn't hesitate to recommend them to anyone in search of a new home."
—Matthew Taylor

Admin can make the reviews public or private.

The screenshot shows a web browser window with the URL `localhost/scripts/WanderWaves/pages/testimonials/testimonial_manage.php`. The page title is "WANDER WAVES". The heading "MANAGE REVIEWS" is centered. There is a button labeled "Save Reviews" with a checkmark icon. Eight review cards are displayed in a grid:

Review Title	Review Content	Author	Status
Effortless Experience	"Wander Wave made my house hunting experience effortless! Their extensive listings and user-friendly interface helped me find my dream home in no time."	—John Doe	private
A Breeze!	"As a landlord, listing my property on Wander Wave was a breeze. Within days, I had interested tenants lining up. Highly recommend!"	—Michael Johnson	private
Fast Response	"Wander Wave exceeded my expectations in every way possible. Professional, efficient, and trustworthy. I wouldn't hesitate to recommend them to anyone in search of a new home."	—Matthew Taylor	private
Professional Service	"Wander Wave exceeded my expectations in every way possible. Professional, efficient, and trustworthy. I wouldn't hesitate to recommend them to anyone in search of a new home."	—Sarah Wang	public
Helpful Team	"I stumbled upon Wander Wave while searching for a new rental, and I'm so glad I did! Their website is intuitive, and their team is"		
Amazing Service	"Wander Wave's attention to detail and personalized approach truly set them apart. They listened to my needs and found me the"		
Awesome Houses	"Thank you, Wander Wave, for helping me find the perfect apartment. Your website made it easy to narrow down my options and connect with"		
Smooth Sailing!	"I couldn't be happier with the service provided by Wander Wave. From browsing listings to signing my lease, everything was smooth"		

Admin can manage feedback by “Manage Feedback” from the top Navbar.

Name	Email	Mobile	Subject	Message
ANNA GROMYKO	2004gromyko@gmail.com	+1234566	blabla	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras nec ipsum vel mi viverra efficitur. In felis enim, finibus et fringilla eu, pellentesque dictum dolor. Proin aliquam facilisis justo, ac condimentum mi. Suspendisse vel ipsum pharetra, consectetur neque lacinia, malesuada metus. Ut quis augue neque. Quisque semper vehicula nunc, sit amet facilisis lacus luctus vel. Quisque tincidunt fringilla eros, sed euismod mauris rutrum vitae. Nulla quis odio elefend, accumsan est ut, maximus turpis. Nam convallis dolor ac urna dictum facilisis. Nunc eu porta orci, in iaculis odio. Pellentesque commodo metus nisl, sed posuere augue bibendum vitae. Quisque quis lacus efficitur, luctus arcu nec, tincidunt leo. Vivamus ac pharetra risus. Proin dapibus malesuada urna ut pretium.</p> <p>Nullam lacinia erat id est iaculis, vitae aliquet ligula sollicitudin. Nulla tortor dolor, accumsan non blandit non, ultricies fringilla quam. Phasellus et sem et magna ullamcorper congue. Proin in ligula tempor, condimentum libero non, tempus lectus. Mauris ut metus et arcu porta vulputate eu eget lorem. In hac habitasse platea id imperdiet luctus, mauris odio commodo orci, ut ornare lacus purus vel elit.</p>
Anastasia Gromyko	anastasia.gromyko@gmail.com	+12345677	Apartment dictumst.	Quisque laoreet lorem rutrum quam vestibulum, ac pellentesque urna suscipit. Mauris sed massa in lorem efficitur gravida sit amet in risus. Nunc lacinia tortor non nunc accumsan, eu aliquam magna malesuada. Suspendisse sed dictum sapien. Mauris ultrices congue nisl, vel sagittis urna pretium eu. Nam sagittis, lacus
joshan	edwin.wilson@student.griffith.ie	+353899856434	Bug 2.0	I can't view Contact Us form as a landlord
joshan	edwin.wilson@student.griffith.ie	+353899856434	Bug 2.0	I can't view Contact Us form as a landlord
Getrude Cherono	gcherono15@gmail.com	0899797711	gghh	gggg
Getrude Cherono	gcherono15@gmail.com	0899797711	gghh	gggg
Getrude Cherono	gcherono15@gmail.com	0899797711	gghh	gggg
Getrude Cherono	gcherono15@gmail.com	0899797711	gghh	gggg
Getrude Cherono	gcherono15@gmail.com	0899797711	hh	mm
Getrude Cherono	gcherono15@gmail.com	0899797711	hh	mm
Getrude Cherono	gcherono15@gmail.com	0899797711	hh	mm
Getrude Cherono	gcherono15@gmail.com	0899797711	hh	mm

For every property card admin has the option to edit the property details

Best homes in Dublin



\$1400
[Ann's Home](#)
 Griffith Hall Of Residence South Circular road

2 Bed 2000 sqft



\$2100
[greenspan](#)
 st mary

4 Bed 200 sqft



\$2100
[greenspan](#)
 st mary

4 Bed

In the navbar admin has the option to edit landlord information such as income of landlord, commission, management fee, and net income.

The screenshot shows a web browser window titled "Property Edit Form" with the URL "localhost/scripts/WanderWaves/pages/landlord/landlord_edit.php". The page header includes the "WANDER WAVES" logo and navigation links for Home, Testimonials, Search, Manage FeedBacks, LandLord Edit, Inventory, Explore, and Log Out. The main content area is titled "Landlord Edit". It features a search bar with "User ID:" and "Find" and "Back" buttons. Below the search bar are five input fields for "Income", "Commision", "Management Fee", and "Net Income", each preceded by a "User ID:" label. A green "Update" button is located below these fields.

Admin can also add new properties.

The screenshot shows a web browser window titled "Home Page" with the URL "localhost/scripts/WanderWaves/pages/property/property.php". The page header includes the "WANDER WAVES" logo and navigation links for Home, Testimonials, Search, Manage FeedBacks, LandLord Edit, Inventory, Explore, and Log Out. The main content area features a heading "Best homes in Dublin". Below it is a grid of four property cards. Each card includes a thumbnail image of a house, the price (\$1400 or \$2100), the name ("Ann's Home" or "greenspan"), the location ("Griffith Hall Of Residence South Circular road" or "st mary"), the number of bedrooms ("2 Bed" or "4 Bed"), and the square footage ("2000 sqft" or "200 sqft"). A green "Add new property" button is on the left, and a search bar with "Search Property" is on the right.

4. Extra features and improvements

The screenshot shows a web application interface for "WANDER WAVES". At the top, there is a navigation bar with links for Home, Testimonials, Search, Profile, Explore, and Log Out. Below the navigation bar, the title "Tenancy agreement" is displayed. The form contains fields for "start_date" (30/04/2024) and "End_date" (10/08/2024). A "Tenant agreement" section contains a detailed text box with terms of the lease, including rent, maintenance, and property use. A green "Confirm" button is located at the bottom of the form.

start_date
30/04/2024

End_date
10/08/2024

Tenant agreement

This agreement serves as a contract for the tenancy of the property
Rent: The monthly rent for the property should be paid on time
Maintenance: The tenant agrees to maintain the property in good condition and promptly report any damages or maintenance issues to the landlord.
Use of Property: The property is to be used solely for residential

Confirm

The screenshot shows a web application interface for "WANDER WAVES". At the top, there is a navigation bar with links for Home, Testimonials, Search, Profile, Explore, and Log Out. Below the navigation bar, there is a property listing for "Griffith Halls of Residence". The listing includes a description of the property, stating it is purpose-built student accommodation located in Dublin 8, a desirable neighbourhood just a few minutes' walk south of the city centre. It also specifies the number of beds (2), size (2000 sqft), and included appliances (Washing machine: No, Microwave: Yes, Dryer: Yes, WiFi: Yes, TV: Yes). A green "Rent property" button is located at the bottom of the listing.

Description: Griffith Halls of Residence (GHR) is purpose-built student accommodation located in Dublin 8, a desirable neighbourhood just a few minutes' walk south of the city centre. GHR is pleased to open its doors to tourists from all over the world exclusively during our summer months.

Number of Beds: 2

Size: 2000 sqft

Included appliances:

Washing machine: No

Microwave: Yes

Dryer: Yes

WiFi: Yes

TV: Yes

Rent property

5. Missing features

- Despite our best efforts, there are a few features that we were unable to implement within the current scope.

- One such feature is a centralized admin dashboard, which would provide administrators with a comprehensive overview of system activity and allow for efficient management of users, properties, and content.
- Additionally, we encountered technical challenges when attempting to upload property images directly to the database. As a result, we utilized dummy images as placeholders. However, we were successful in uploading advert images to the database.
- While these features were not included in the initial release, we remain committed to addressing them in future updates to enhance the functionality and usability of Wander Wave.

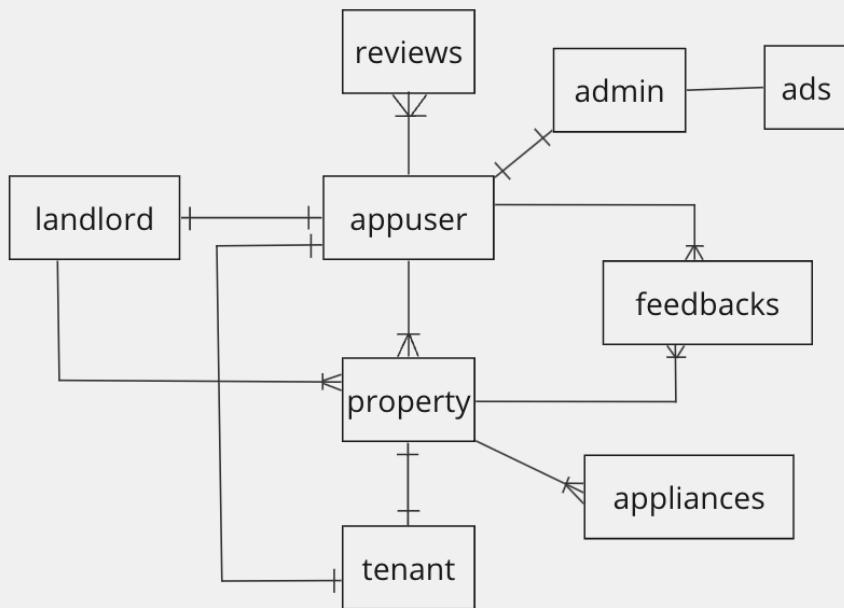
6. Link to Knuth deployment

<https://knuth.griffith.ie/~s3092883/Scripts/Assignment/WanderWaves/index.php>

7. Set up instructions.

- ❖ download or open the *Wander Waves* folder
- ❖
- ❖ open Xampp and run "Apache" server and "MySQL" database.
- ❖
- ❖ open the browser and open the index.php file (inside the Wonder Waves folder).
- ❖
- ❖ for database setup, we have included a SQL dump file named "s3092883.sql";

8. ERD of Final Database Design



9. Site Map of Final Website

<https://www.gloomaps.com/hdYgP73HyY>

We followed the assignment, however, there are some modifications to the access levels. Also, there are more pages for control and php code.

10. Division of Labour

Summary of the division of work

Division of work: work was evenly divided

Percentage of work completed by each partner on each class/task
Some area requires more work than others, so this is only for reference.

Filename / Task	Student Name 1	Student Name 2	Student Name 3
Database Design	33.3%	33.3%	33.3%
Database implementation	33.3%	33.3%	33.3%
GUI design	33.3%	33.3%	33.3%

GUI implementation	33.3%	33.3%	33.3%
Server-Side Validation/Sanitization	33.3%	33.3%	33.3%

```

Joshan
index
index edit
Adverts
Inventory_details_edit
Testimonial
Testimonial_add
Testimonial_manage

Getty
index
index edit
property listing
property edit
Tenancy Account
Tenants Account Edit
Contact_us
header
Registration & Login
sessions

Anna
Search
property edit
Inventory_details
Landlords Account
Landlords Account Edit
Contact_us_manage
Registration & Login
cookies

```

There you can find how we separated the work at the beginning. It is approximate, as we helped each other to fix mistakes or to implement code.