



Griffith College

Assessment Cover Sheet

Student/s Name/s:	JOSHAN JOHN, ANNA GROMYKO, GETRUDE CHERONO
Student/s Number/s:	3092883, 3108823, 3111801
Programme	BSCH Computer Science Year 2
Assignment:	Assignment 3 – Group Project
Module:	Server Side Web Development
Knuth Link:	https://knuth.griffith.ie/~s3092883/Scripts/Assignment/WanderWaves/index.php
Lecturer Name:	Laura Leonard
Due Date:	28th April 2024
Date Submitted:	28/04/2024
Pick tick as appropriate:	On time <input type="checkbox"/> Extension Approved <input type="checkbox"/> Deferred <input type="checkbox"/> Repeat <input type="checkbox"/>

Plagiarism disclaimer:

We understand that plagiarism is a serious offence and have read and understood the college policy on plagiarism. We also understand that we may receive a mark of zero if we have not identified and properly attributed sources which have been used, referred to, or have in any way influenced the preparation of this assignment, or if we have knowingly allowed others to plagiarise our work in this way. We hereby certify that this assignment is our own work, based on our personal study and/or research, and that we have acknowledged all material and sources used in its preparation. We also certify that the assignment has not previously been submitted for assessment and that we have not copied in part or whole or otherwise plagiarised the work of anyone else, including other students.

Signatures:

Date:

Please note all students must retain a hard/soft copy of all assignments and must sign the Assessment Cover sheet provided as proof of submission.

Group Project – Build A Web Application

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

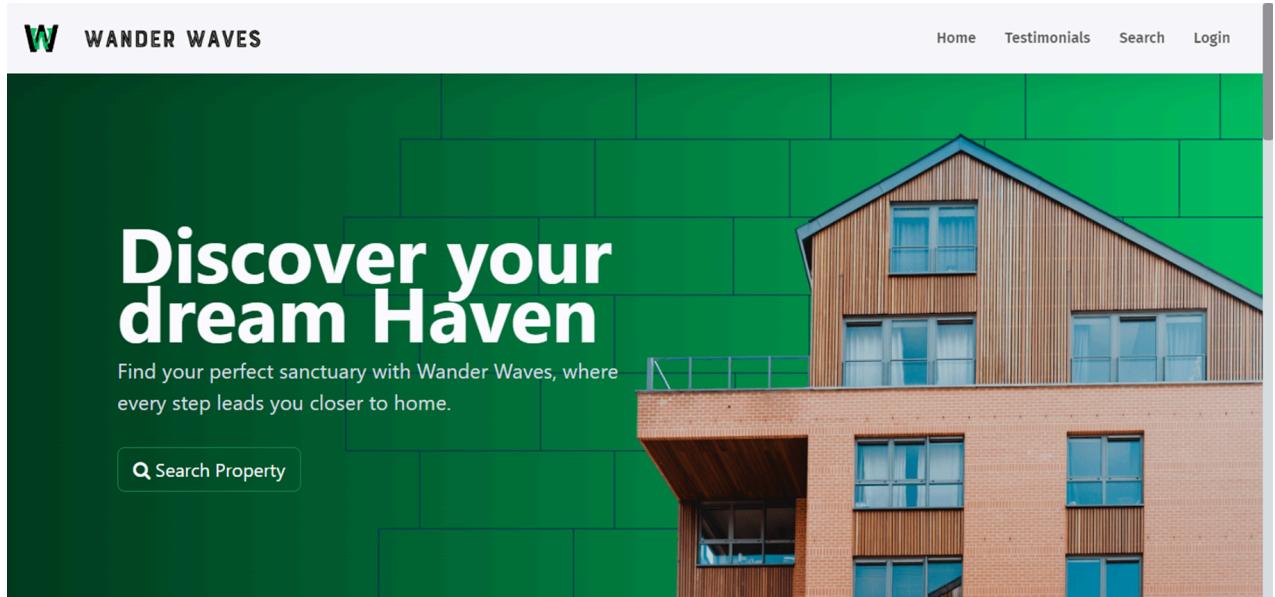
Student Name 1:	Joshan John	Student Number	3092883
Student Name 2:	Anna Gromyko	Student Number	3108823
Student Name 3:	Getrude Cherono	Student Number	3111801

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** Enter your email address

Email address

 Enter password

Password

 Remember me[Forgot password?](#)**Login**Don't have an account? [Register](#)**Registration Form**

First Name

Last Name

Email

Phone Number

User Category

Password

Register



CHANGE PASSWORD

Email address:

New Password:

Confirm Password:

CancelConfirm

BACK TO LIST		Delete	Source
	Wander Waves marksiri003@gmail.com	Date: 29-04-2024 16:57:00	
Subject: Wonder Waves			
Hey bernie daluz, Welcome to Wonder Waves. You have successfully registered using xepera3559@funvane.com			

Search page- implemented cookies to the search page

SEARCH

Select Dublin Area:

All

Price Range from:

5100

Number of Rooms:

1

Check-in Date:

dd/mm/yyyy

Check-out Date:

dd/mm/yyyy

Search**COOKIES**

Our website uses cookies ☺

Accept

SEARCH

Select Dublin Area:

D02

Price Range from:

200

Price Range to:

5000

Number of Rooms:

1

Check-in Date:

28/04/2024

Check-out Date:

28/04/2024

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

Best homes in Dublin

Ann's Home

greenspan

st mary

4 Bed **200 sqft**

4 Bed **200 sqft**

4 Bed **200 sqft**

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

Confirm

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. 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.

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

End Date

Description

Eircode

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

Name	Price
Address	Start Date
Eircode	End Date
Category	Description
House	Number of Beds
	Number of Beds
	Size
	Tenant agreement
	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



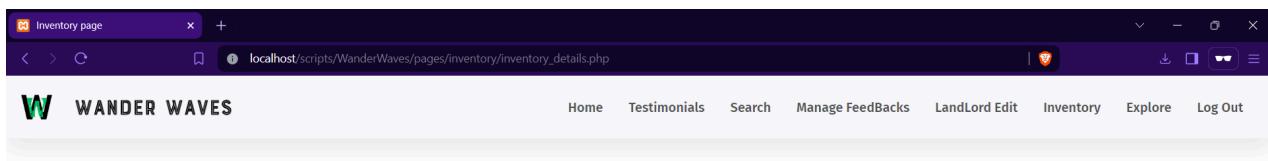
\$2100
greenspan
st mary
4 Bed 200 sqft

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". To the right of the input field is a "Upload" button. At the bottom of the form is a checkbox labeled "Save ads".

Admin can Edit the reviews.

WANDER WAVES

COVERING EVERYTHING YOU NEED TO KNOW ABOUT MORTGAGES. GET EXPERT INSIGHTS AND ADVICE TO GUIDE YOU THROUGH YOUR MORTGAGE JOURNEY.

Ireland

OUR REVIEWS

[EditReviews](#)

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.

WANDER WAVES

MANAGE REVIEWS

[Save 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 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: "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 is titled "Best homes in Dublin". It features a search bar with "Search Property" and a green "Add new property" button. Below the title are four property cards, each with an image, price, name, address, and details. The first card is for "Ann's Home" at "Griffith Hall Of Residence South Circular road" with 2 beds and 2000 sqft. The second card is for "greenspan" at "st mary" with 4 beds and 200 sqft. The third card is for "greenspan" at "st mary" with 4 beds and 200 sqft. The fourth card is for "greenspan" at "st mary" with 4 beds and 200 sqft.

Image	Name	Address	Beds	Sqft
	Ann's Home	Griffith Hall Of Residence South Circular road	2 Bed	2000 sqft
	greenspan	st mary	4 Bed	200 sqft
	greenspan	st mary	4 Bed	200 sqft
	greenspan	st mary	4 Bed	200 sqft

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 in large, bold, dark font. Underneath the title, there are two input fields: "start_date" containing "30/04/2024" and "End_date" containing "10/08/2024". A "Tenant agreement" section contains a detailed text box with the following content:

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

A green "Confirm" button is located at the bottom left of the form.

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 the following details:

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

A green "Rent property" button is located at the bottom left of the listing.

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.

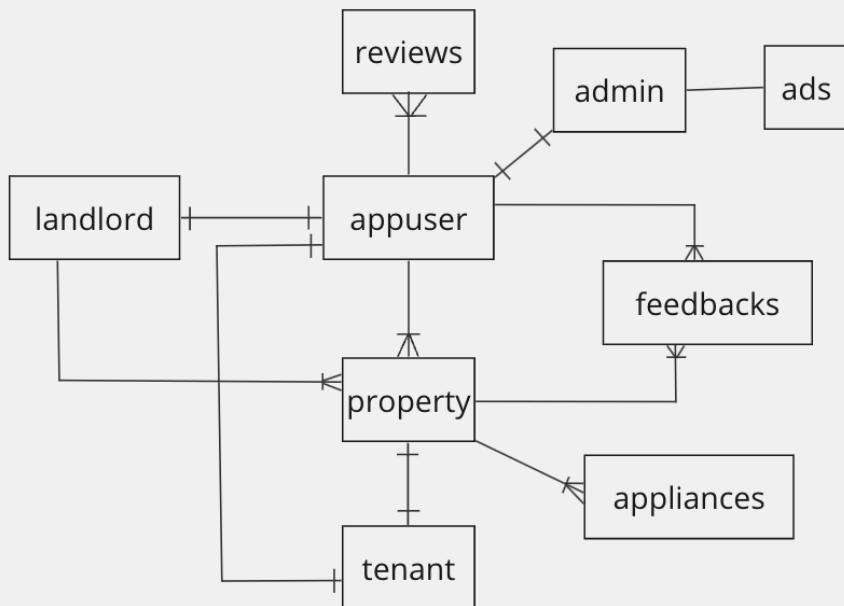
6. Link to Knuth deployment

<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*

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%
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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.