Development Log

Sign-Up/Sign-In Database - For every version
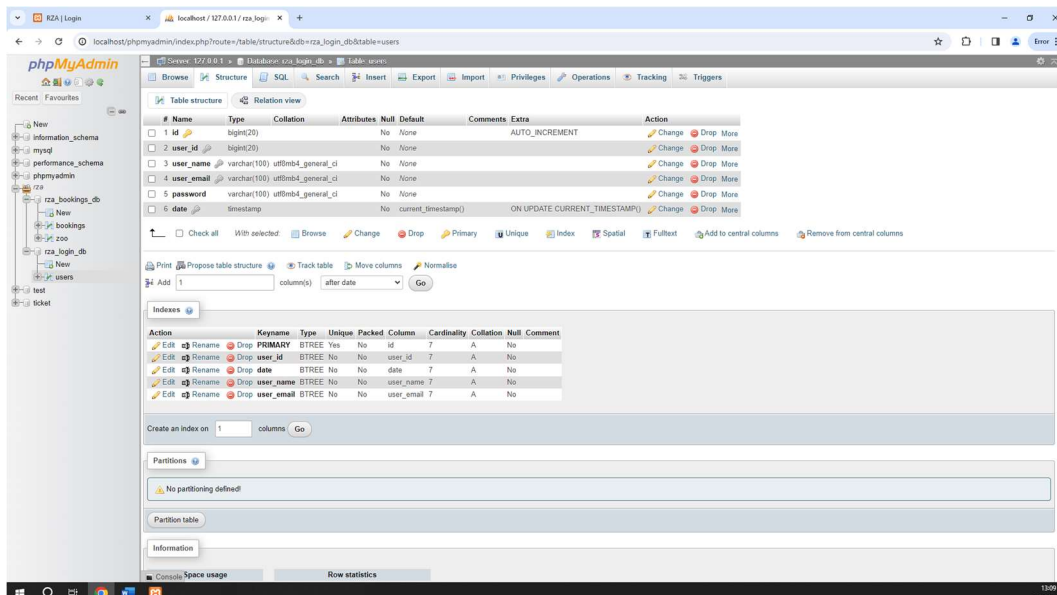

This is the structure of the database that I had created in order for the system to process the request of the server to pull info from and also store info into the database. This simple database has 6 entries, the first which consists in the Primary Key and the rest of them into data fields that store the data that the user used into the register and login system.

Bookings Database - For every version

Meanwhile, this is the structure of the database for the booking which will get his information from the booking forms. This simple database has 5 entries, each single of them pull info from the booking form and stores it into the database which can be accessed from the staff.

Tickets Database - For every version
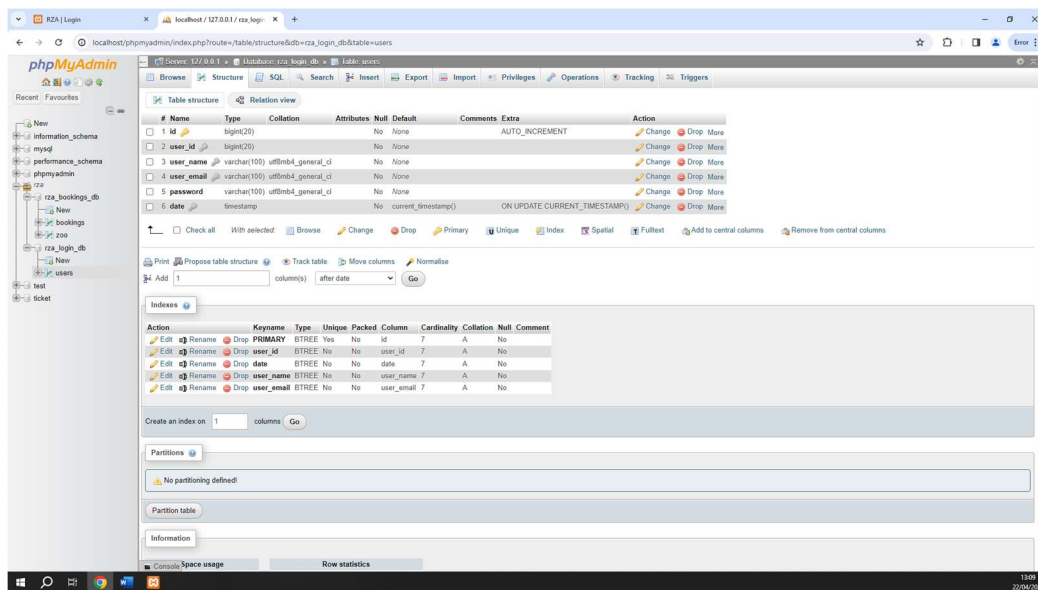
Meanwhile, this is the structure of the database for the tickets which will get his information from the ticket forms. This simple database has 5 entries, each single of them pull info from the ticket form and stores it into the database which can be accessed from the staff.

Version 1

In this version I started to develop the structure and the layout of the different pages, focusing only on the functionality of the system aiming to develop the solution requested from the client.

Sign Up – Layout

As previously mentioned, this stage of development or version does not have any CSS component developed in the system, so we do not have any fancy design but instead we decided to entirely focus on the functionality of the system
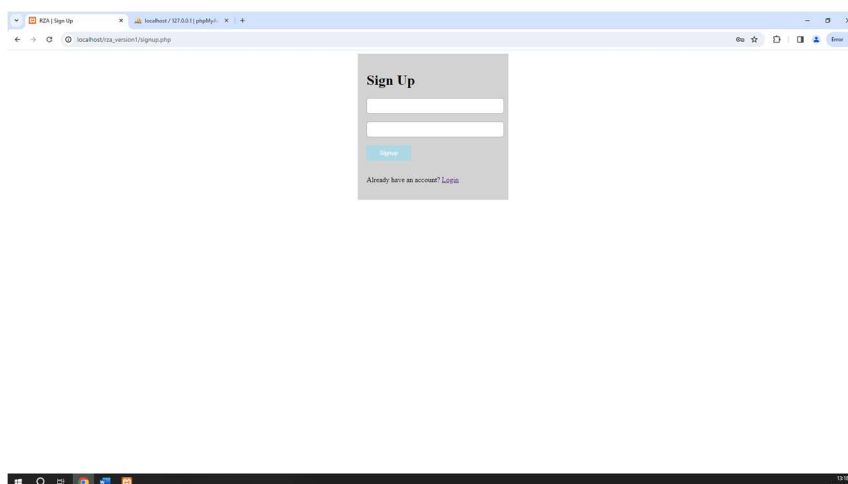
Sign Up - Functionality

Similar to the login system if the user does not insert any information into the fields the system will throw them an error message saying that they must enter some valid information. Furthermore, if the user does insert some valid information those will be sent and stored into

the database so then they can be accessed by the system to validate the info when they try to login. After the user registered, they will be redirected to the login page.

As we can see from the database our request was saved.

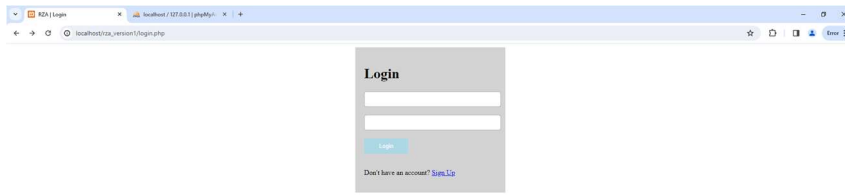## Login - Layout

As we can see this is the login page, in this page the user will be requested to sign in into their existent account if they have any. In the case they don't they can use the provided link to be redirected to the sign-up registering system and consequently create an account.

Login - Functionality

If we tried to login without inputting any type of data the system throws an error message to the user to enter some valid information as we can see, also all of the input fields have validation on their own as well for example the login details must exist in the database.
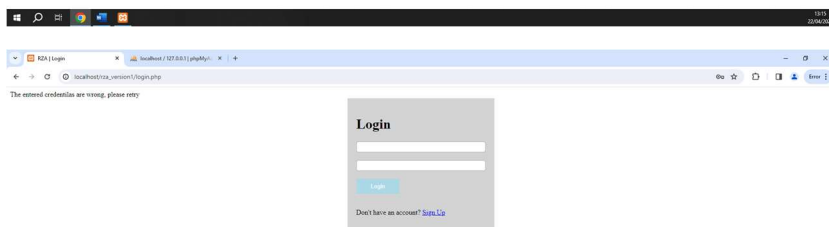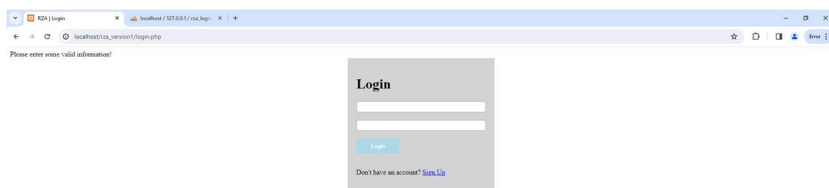
Meanwhile if the user enters valid info the system will redirect the user to the homepage.
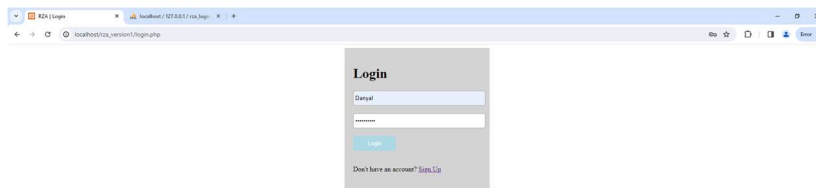
Here is where what I will develop in the next version, for example from what the client asked a hotel booking system to check availability and a ticket page to buy ticket for the zoo. Also, if the user clicks the logout button on top of the message they will be logged out.

Version 2

In this version I implemented and developed the booking page which the user can use to book a stay at the hotel and created a ticket page which users can use to buy tickets for the zoo.

Sign Up – Layout & Functionality

I did not alter the sign-up page from the previous version, so all the layouts and functionalities stay the same and so is the connection to the database, so I won't provide raw code for this.

Login – Layout & Functionality

Similarly to the sign-up page I did not alter the login page either from the previous version, so all the layouts and functionalities and so is the connection stay the same, so I won't provide raw code for this.

Index – Functionality

Also, I did not alter the login page either from the previous version, so all the layouts and functionalities and so is the connection stay the same, so I won't provide raw code for this.

Hotel – Layout
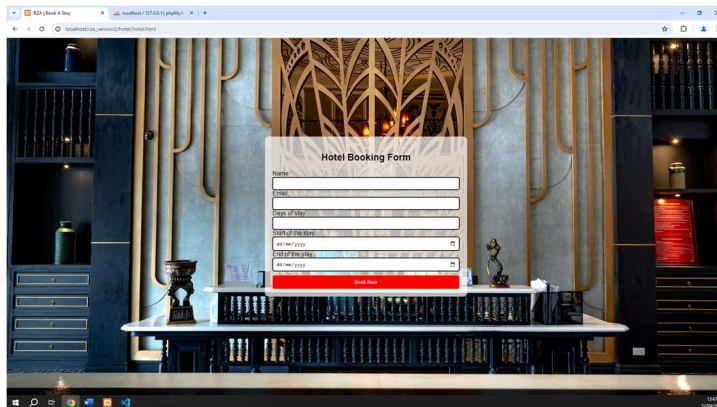

This is the layout of the hotel page and the booking forms I have created, from here the user can make a booking by filling the fields and choosing the start and the end date of their stay at the hotel. This form contains validation so user will receive user friendly error messages to help them to fill out this form correctly.
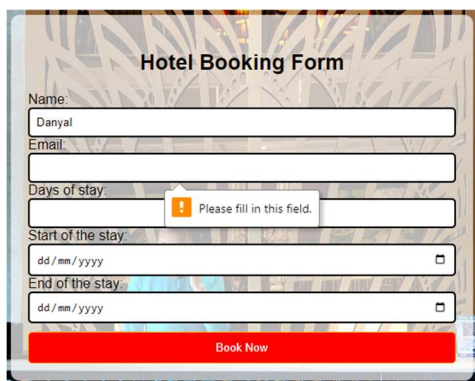
Hotel – Functionality

I will demonstrate what the system will do and what messages it will provide to the user to help them to fill this form:

If the user does not insert their name
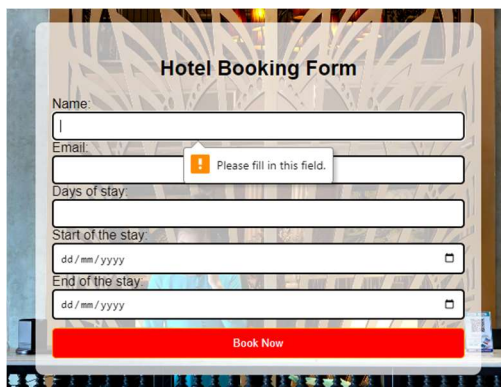
If the user does not fill the email field:

Additionally, the user would receive this error if they do not fill the email field correctly:

Email:

danyal

⚠ Please include an '@' in the email address. 'danyal' is missing an '@'.

If the user does not fill the number of days, they wish to stay:

Hotel Booking Form

Name:
Danyal
Email:
danyal123@gmail.com
Days of stay:

Start of the stay:
dd / mm / yyyy   ⚠ Please fill in this field.
End of the stay:
dd / mm / yyyy

Book Now

And finally, the dates which must be both choose:

Start of the stay:
dd / mm / yyyy
End of the stay:
dd / mm / yyyy   ⚠ Please fill in this field.

Book Now

Start of the stay:
23 / 04 / 2024
End of the stay:
dd / mm / yyyy

⚠ Please fill in this field.

When all the fields have been correctly chosen the system will save the booking into the database as we can see from the image below.

Danyal   danyal123@gmail.com   4   2024-04-23   2024-04-25

Ticket – Layout
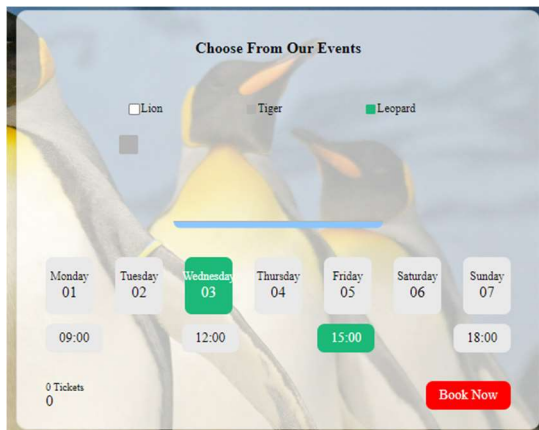
This is the layout of the ticket page, and the ticket forms I have created, from here the user can make a reservation for a booking at the zoo, by choosing the sate they want to attend the visits and the time they want to come in the user can book a reservation for themselves.

Ticket – Functionality

All the user needs to do is to click and choose a day and the time they want to come in and their booking will be saved, the system will automatically pull the name and email of the user as they must be logged in to book.
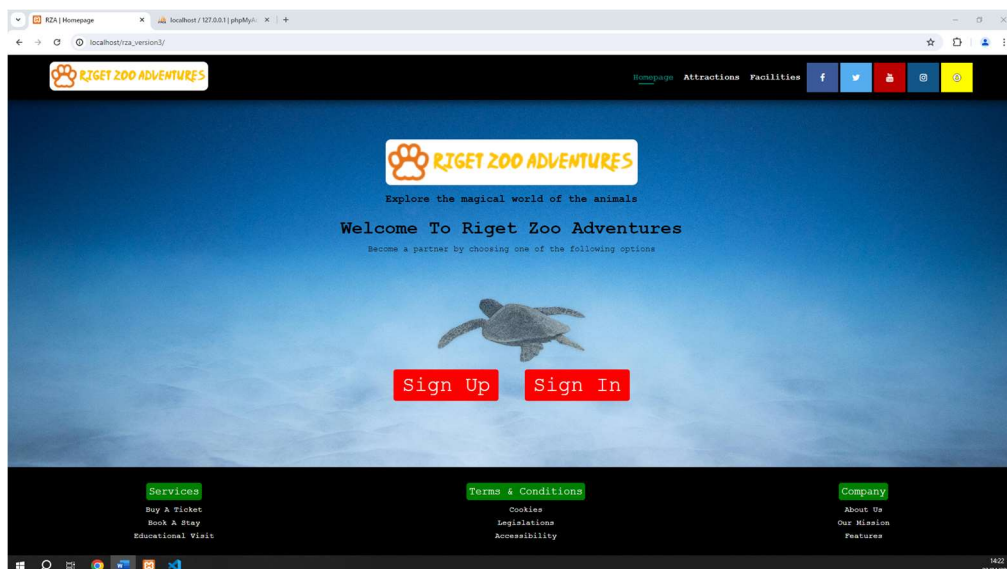

Version 3

In this version I focused on improving the website aesthetically by completing and finishing off the homepage, the hotel booking page, the ticket page and in the end the login system.

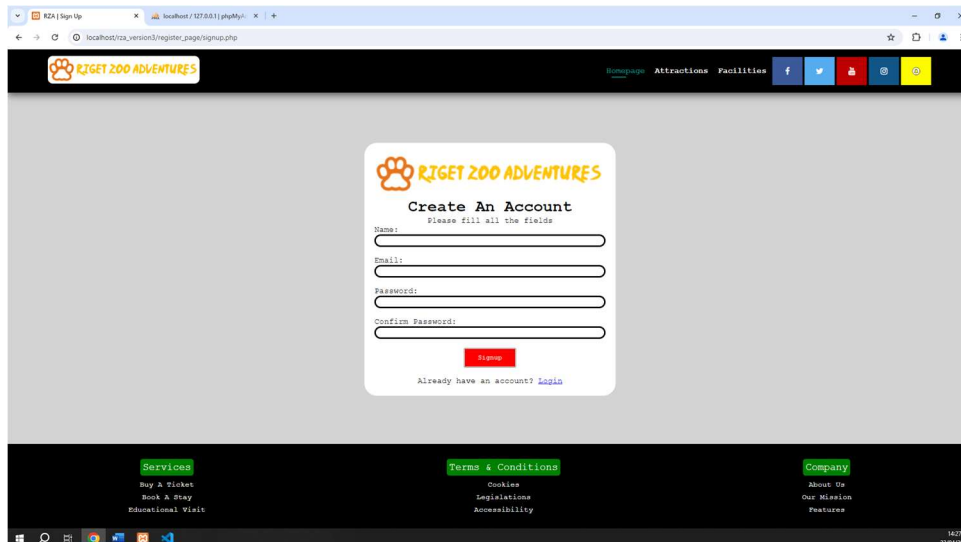## Index – Layout & Functionality

From this image we can see that the homepage has been updated and made into an actual looking website as part of the solution for the client. In this updated version I develop the navbar which contains the logo, the hyperlinks to the services offered by the client and link to their social media links. All the links have been tested and they all work as intended.

Furthermore, in the centre of the homepage the user is given some info about the zoo and then given two big red button which are actually hyperlinks which the user can use to whether sign up or sign in into their account.

Finally, moving onto the footer we can see that the footer as well contains hyperlinks to the services offered by the company and also it makes the website look professional.

Sign Up – Layout & Functionality

This is the new improved Sign-up page, here all that has changed is the layout and the additional fields as for the functionality it stays the same as before as in the previous versions with all the error messages working as there are supposed to do so with also the connection to the dB already established:
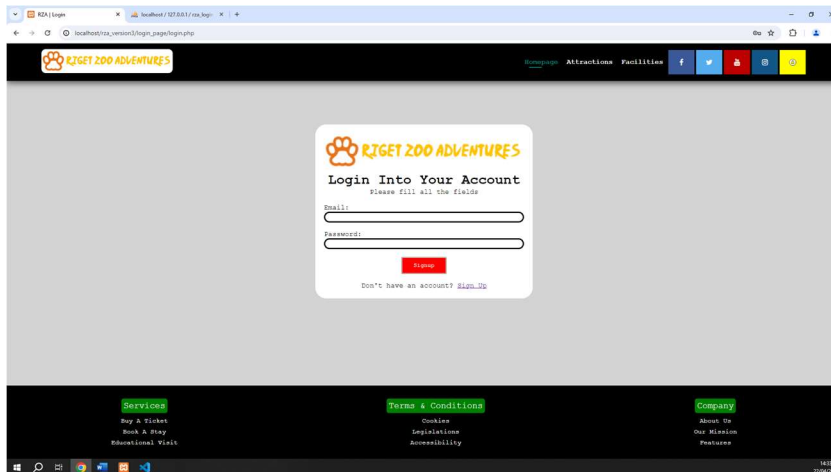
Passwords Don't Match

And once the user isnert all his details correctly and sign up he will be redirected to the login page from where he can login and his sign up details will be sent and stored into the database:

☐ ✏ Edit ⊞ Copy ⊖ Delete   9   3236696946 Danyal   danyal095@gmail.com 123456789 2024-04-22 14:32:17

Login – Layout & Functionality

This is the new improved Sign-in page, here all that has changed is the layout and the additional labels to help the user understand what info he has to insert into the fields as for the functionality it stays the same as before as in the previous versions with all the error messages working as there are supposed to do so with also the connection to the dB already established:
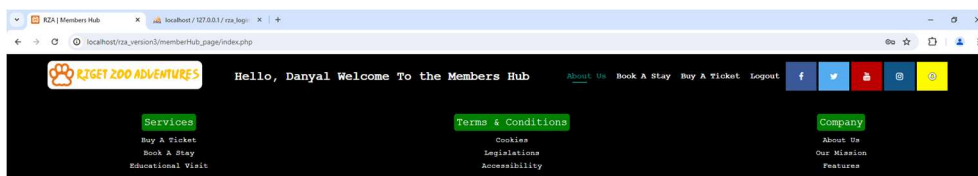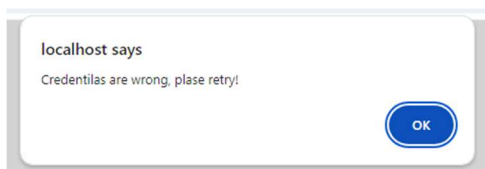

Email:

Password: ! Please fill in this field.

Email:
danyal095@gmail.com

Password:

! Please fill in this field.

localhost says

Credentilas are wrong, plase retry!

OK

This image above displays what the user sees when his logged in, also called the member hubs page which in this version is still under development.

Version 4

In this final version I focused on improving the website furthermore by creating a members hub page, attractions page, services page, educational visits page, a booking page, and overall improving the websites folder structures and the connection between each page and links.

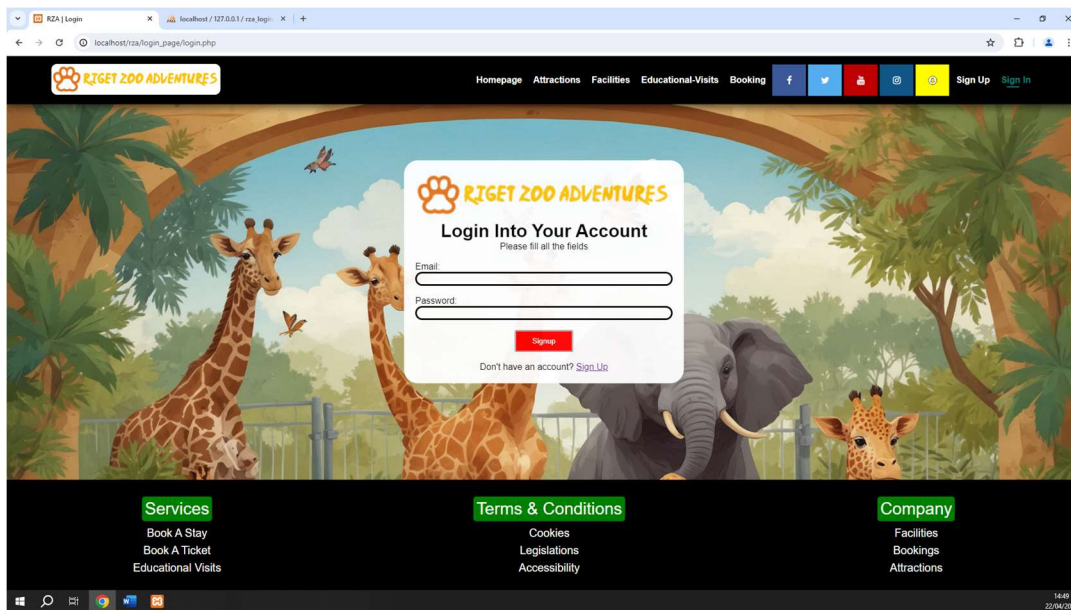## Index – Layout & Functionality
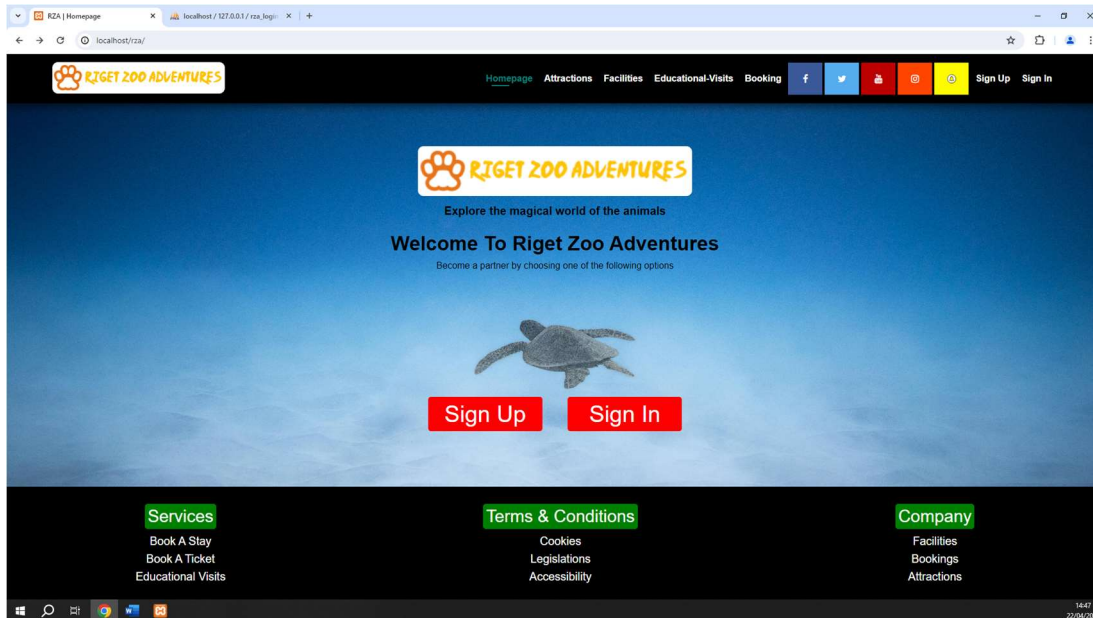
The index page did not receive any updates apart the update navbar with new hyperlink which are relevant to the website as they are a requirement from the client.

Sign Up – Layout & Functionality
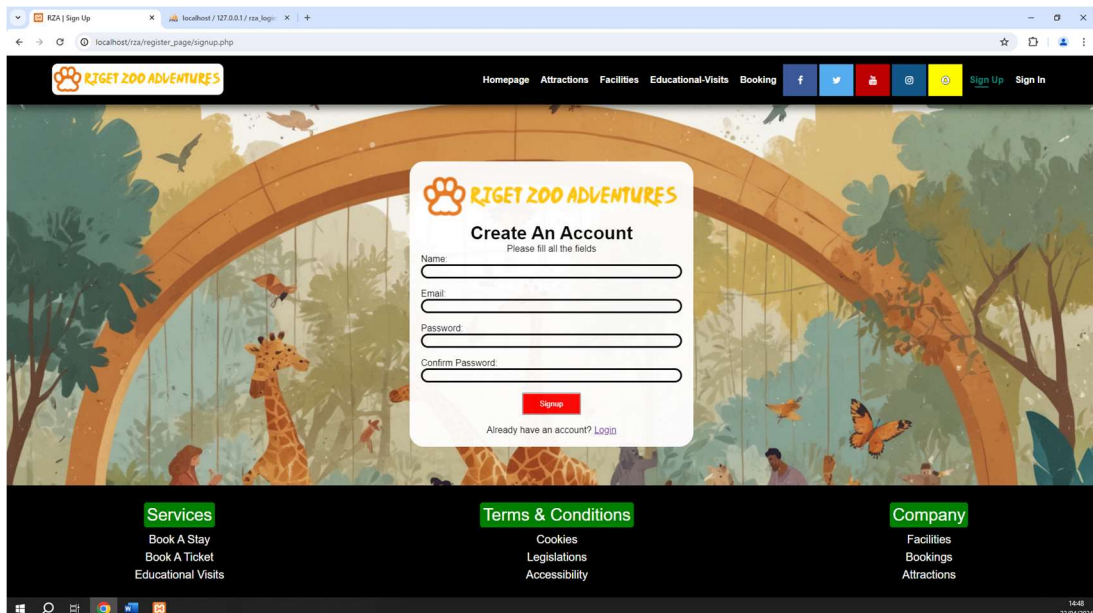
The sign page just saw the update of the navbar and the addition of a background image, as for the functionality and the rest of the structure of the page did not change and stayed the same.

Login – Layout & Functionality

The login similarly to the sign -up page just saw the update of the navbar and the addition of a background image, as for the functionality and the rest of the structure of the page did not change and stayed the same.
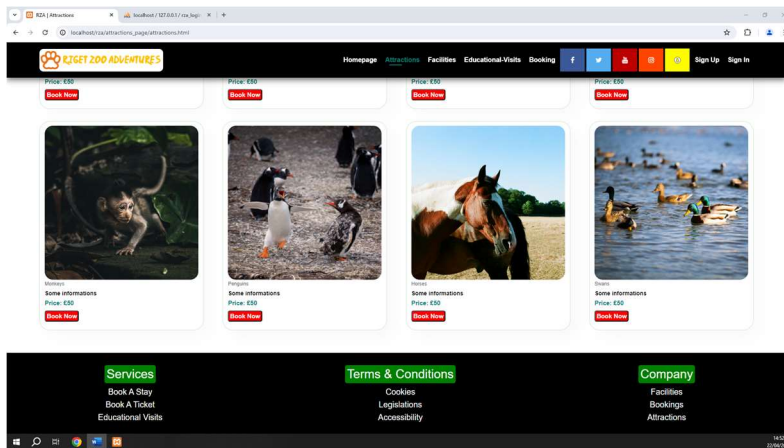
## Attractions – Layout & Functionality
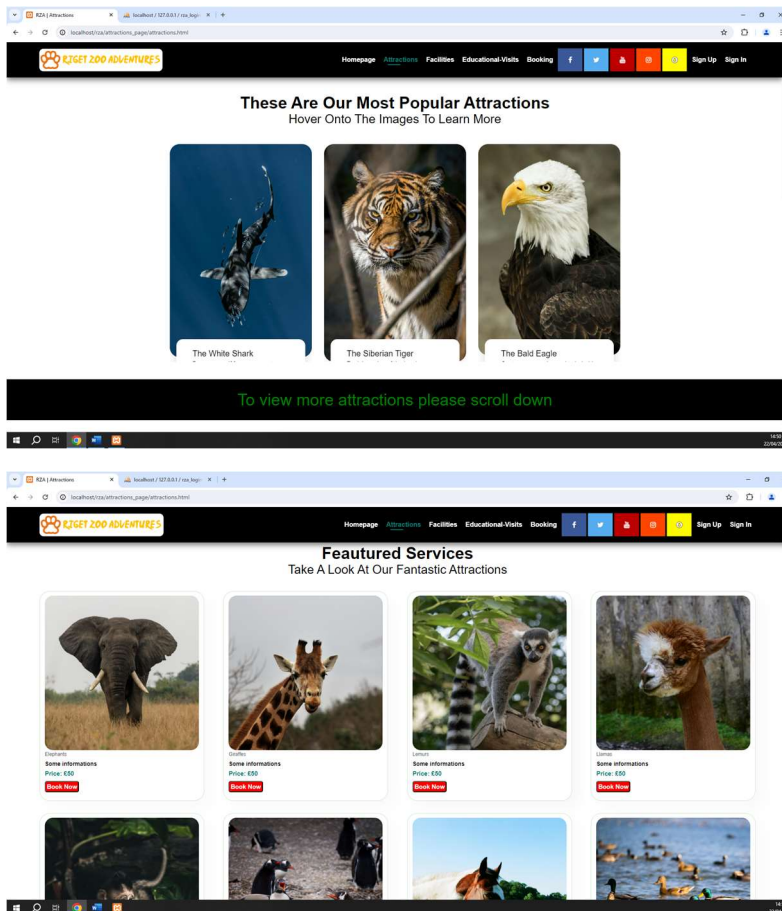
This is the attraction page I made, as we can see the users can click on the image or hover over them to receive extra info about the attractions, the price of the attractions and also have been given buttons which they can use to be redirected to the booking page from where they can ether book a ticket for the zoo or a stay at the hotel.

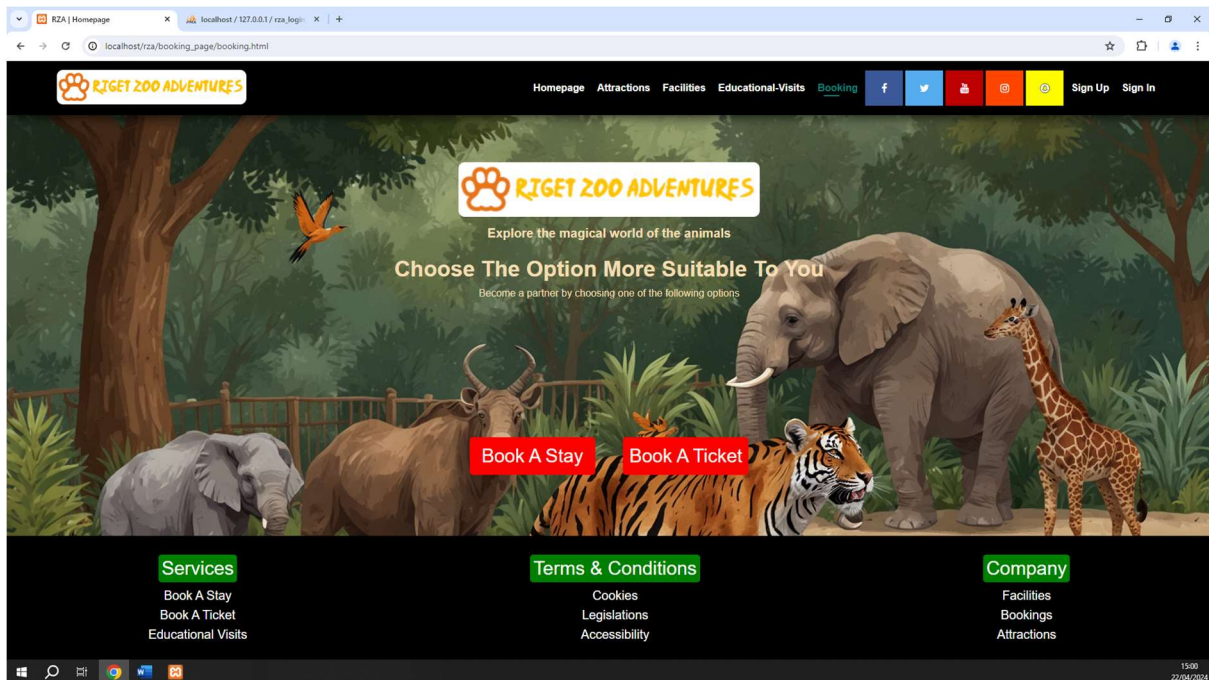## Facilities – Layout & Functionality
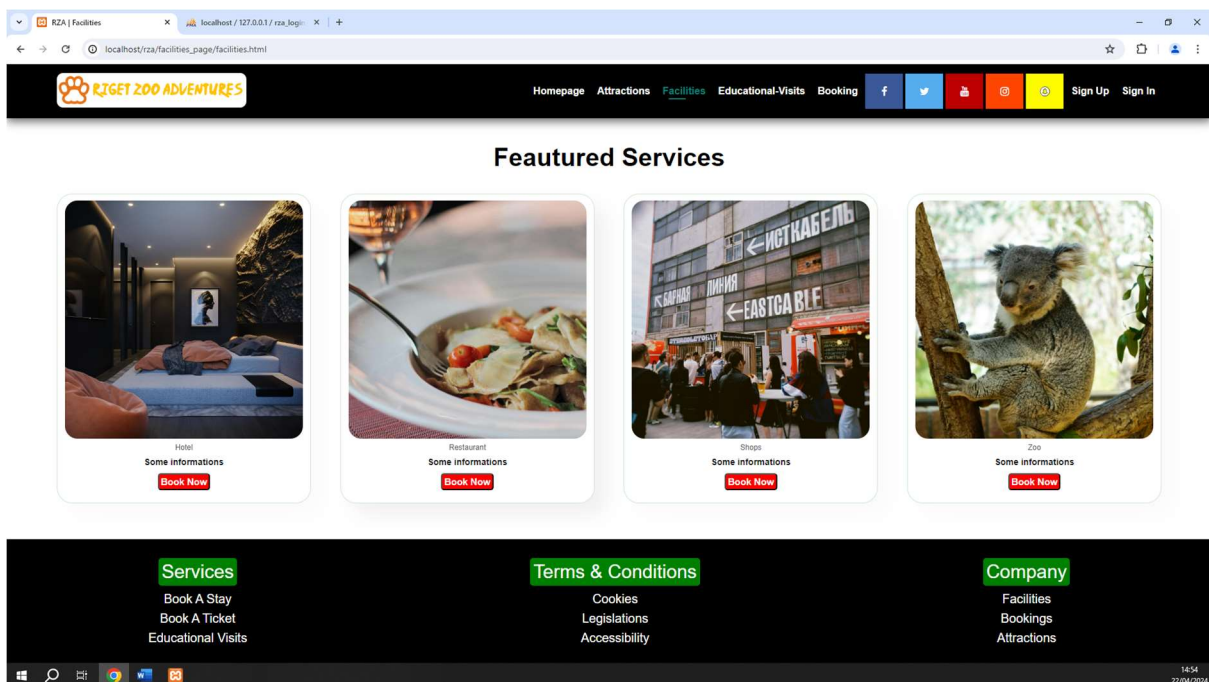
This is the facility page it gives a general overall of the services offered by the company of the client, if they click on the box, they can access the different info for each service and also as before they have been given buttons to book or buy a ticket.

Educational Visits – Layout & Functionality
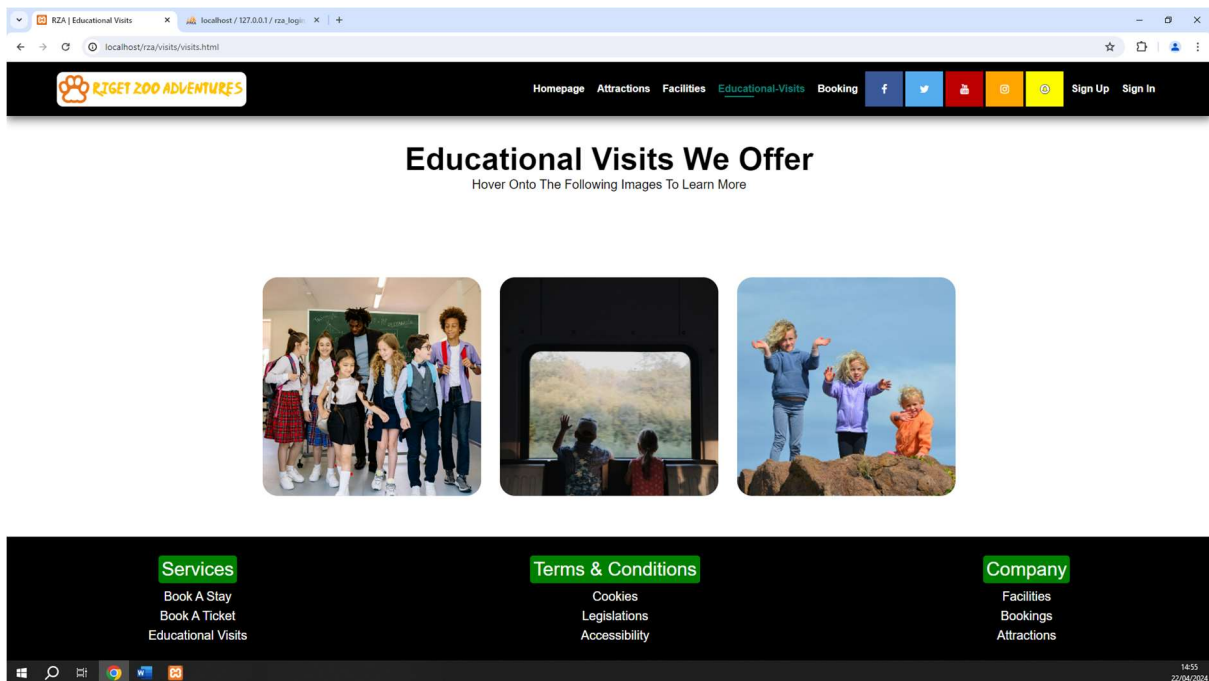
This a service page a made in alignment with the client requirements, the client can edit this section with their own info and bundles they decide to offer, but in simple terms this is a service that offers educational visits for everyone who wishes to either bring their school class or family to have an interactive and educational visit at the zoo. If they hover the images, they will receive a short description and a button they can use to book their visits at the zoo.

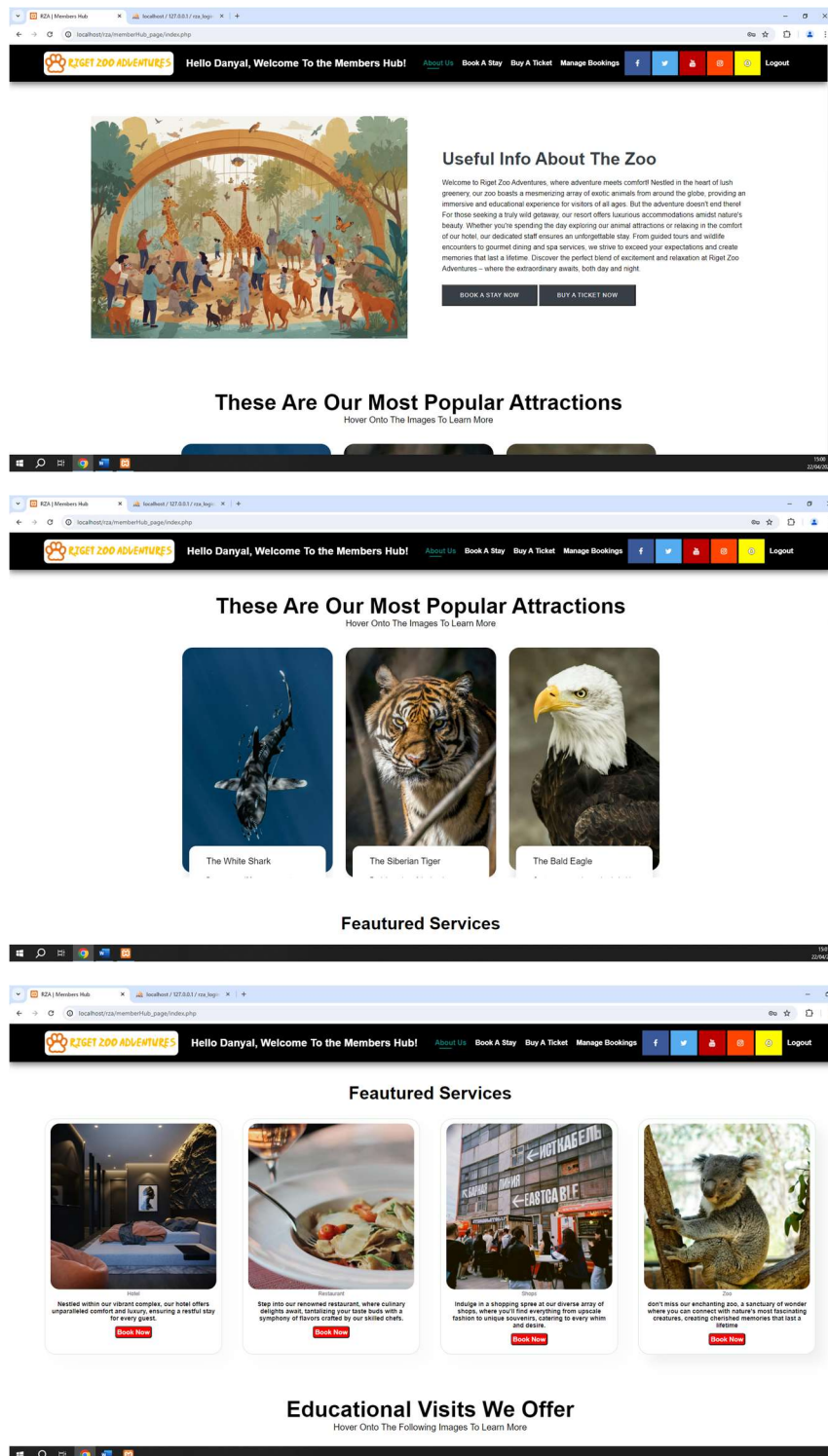## Booking – Layout & Functionality

This is just a landing page the user can use to redirect themselves to either the booking page or to the ticket page to buy a ticket.
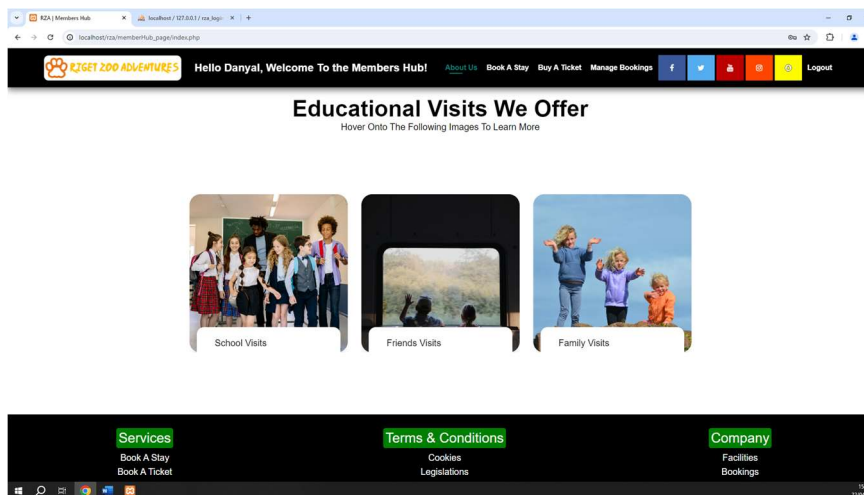
Member Hub – Layout & Functionality

This is the member hub page, as we can see on the navbar it displays the name of the user which is a feature I implemented to help the user to understand that they did in fact login.

On the body of the page the user is given all attraction, services, and educational visits the client offers all in one place, so the user does not have to go and search the info on their own.

All the buttons and hyperlinks are connected to help the user to avoid making mistakes and redirecting them into the right direction whether is booking an hotel or buying a ticket.

Educational Visits We Offer
Hover Onto The Following Images To Learn More

Hotel – Layout & Functionality
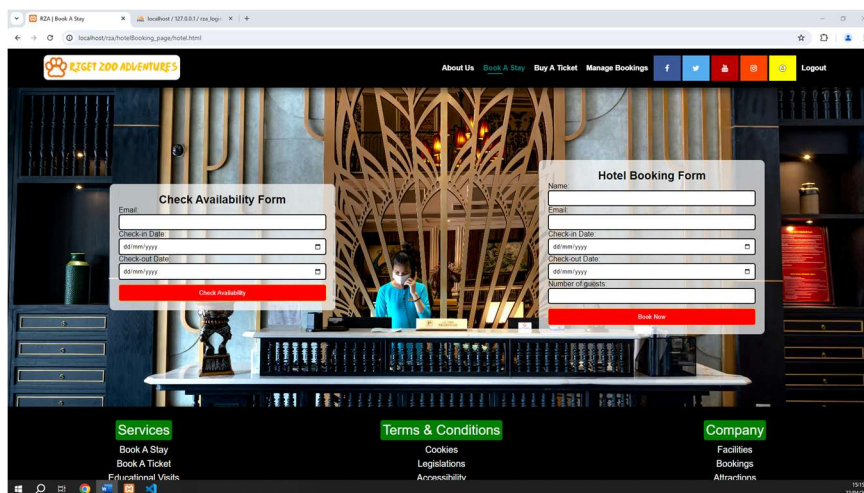
This improved hotel page has a new form which is on the left-hand side this helps to check if there is an available booking for the date the user chooses and as before it contains validation:

Once all the fields have been filled the user will receive a message on whether there is already an existing booking for the chosen date or not.

Ticket – Layout & Functionality

This improved ticket page has a new form which is on the left-hand side this helps to check if there is an available booking for the date the user chooses and as before it contains validation:

Once all the fields have been filled the user will receive a message on whether there is already an existing booking for the chosen date or not.