

Data Plan

Login Page

Client sends this data via get request which is URL formatted:

- Username/Email
- Password

Server relocates the page to the previous page the user was on prior to signing in, this can be done via a post request or a JSON response as the data will information provided on the page will be similar.

Navigation Bar

When the client clicks the currency bar and changes the currency from the default, a GET request is used to change the currency via the server, which prompts the server to send a post request for all the prices listed on the specific page. Though a JSON response can be used as the page is not changing, only prices in certain divs.

When the client clicks the register a get request for the register page will be sent to the server, they will be redirected to the register page using a post request.

If the client clicks the login button a get request will be sent to the server to prompt it to post the register page, they will be taken to the Login Page from above using a post request as the entire page needs to change.

Sign Up Page

The client will submit their information to the server using a get request when the sign up button is pressed and all the relevant fields have been completed. The server will take this information and store it on the database:

- Email
- Surname & Given Name
- Username
- Date of Birth
- Password
- Confirm Password

The User will then be taken to the page they were previously visiting before signing up which will use a Post request.

Index Page

Client will submit the information to find their desired hotel;

- Location

This will be done using a get request, the server will then return the hotels according to the users search using a post request as the page will need to render all the hotels which are relevant.

Contact Us Page

The client will submit the following information using a get request

- First Name
- Email
- Country
- Comment

The information will be stored on the database, whilst in reality it would be sent to an employee to be dealt with when suitable. The user will then be redirected to the home page using a post request.

Hotel Refinement Page

The user clicks on a hotel, this sends a get request to the server, which indicates to the server to use a post request to send the relevant information hotel page to the client.

The user will also be able to also use a map which displays the hotel/s in a nearby vicinity which match the criteria the user submitted. Each hotel, when clicked will provide the user the basic information of the hotel. This can be done using a JSON request as the map needs to render the div which the information is in, not the entire map.

The user will also be able to filter through the hotels, this is done using JSON request as the page only needs to render the updated hotels list which will all be located in the same div.

Booking Page

The booking page prompts users to fill in the fields needed to make a booking;

- First Name
- Last Name
- Email
- Country

The user will then click the submit button to send their information to the server using a get request. This information will be stored on the database and the user will be prompted with a confirmation page. This can be done using a JSON response request as the information the user entered will want to be confirmed, but still be edited by the user if they need to do so.

Accounts Profile Page

This information stored on the server database will be rendered onto the page using a post request. This data will correspond to user's data which they have previously entered when registering onto the site. If this is edited, it will be updated on the server using a get request once the submit button has been clicked. The page will render using a JSON response as the majority of the content has not changed since the user submitted the information.

Hotels Page

The hotel page will provide the user with the relevant information to the specific hotel chosen. This information is dynamic, as the information provided by the hotel can change. This will require a post request each time the page is rendered to ensure that the information is up to date. The map from the hotel refinement page will also be on this page, but at a higher zoom showing the location of this hotel in particular. If the user wants to book this hotel, they will click the Book Button which will redirect them to the hotels website/booking page which will require a get request to recognise that the user has clicked the submit button and a post request to redirect them to the hotel booking page.