Data plan

For the understanding of the connection of the relationship with the client, the web system need to have several functions, such as log-in system, the cookies for the user search the information and some specific data.

1 Search Function

The user will search by location or the covid-19 name and will be shown the page by using the search bars and will get the request of some similar information. (such as first name, surname, address and so on). And right we can use in admins.html.

|  |  |
| --- | --- |
| Client | The name of the topic (covid -19 ) |
| Server | name, user name, pictures |

* 1. **Search Timeline**
* **User inputs the user name into the search bar and click**
* **A get request to send to the server**
* **Will be shown the information similarity of the topic (covid-19)**
* **The covid-19 page is very similarity2**

**2. Log In/Profile**

Currently, the website includes the effective realization of the registration function, but it needs to be improved (framework) when the user logs on to the page, so it can be roughly realized about the user's use.

|  |  |
| --- | --- |
| Client | Email, password |
| Server | User ID, email, first name, last name, E-mail address, home address, city, password, admin status |

When the user submits an email and password. This information will be sent to the server which will check if these match a user already stored on the server. If it matches, the user will be logged in.

2.1 **Login function timeline**

* ⇒  Username and password is input by user.
* ⇒  Ajax request is sent to server which searches relevant JSON file for existence of user.
* ⇒  The response to request is sent back to the client with the user’s information.
* ⇒  The webpage is updated to display information relevant to the user. (still working on it).

**3. creating a profile**

**In this part, the user need to make sure their detail information personally to each form.**

|  |  |
| --- | --- |
| Client | Email, password, name, address, password, admin status |
| Server | \*Identical to above\* with the addition of a user ID |

3.1 creating a profile timeline

=>User fills out relevant information in login page.  
⇒ Post request is sent to server.  
⇒ The user is issued a *user identifier.*⇒ The server sends information back to the client and the user appears to be logged in.

4 maps

The map can show the distribution of the area situation, usually with the hotspot connect with, when click the area and shows the situation of the area.

**4.1 map population time-line**

**⇒ User click the button to see covid -19 on map.  
⇒ A GET request is sent to the server with the state situation***.***5 Summary**

|  |  |
| --- | --- |
| Potential aims | |
| Users | First name, last name, E-mail address, home address, password,admin status |
| User favourite/booked | User identifier(still working) |
| Covid-19 | Identification number, state name, location, amenities |