***Feature Plan***

UG Group 44

In the webpage, all pages should match the format, style of header, footer and bar for the sense of unity, which can make the users can access the webpage more conveniently and navigate the webpage easily.

The main page should include the most important key attributes such as the buttons of log-in, sign-up and search engine. There are also navigation bar for connecting About us page, Contact us page and Home page which is going back to main page. Through the main page, the users can select any attributes they want to access.

The sign-up page has two different features. One of them is for the user sign-up and the other is for the venue sign-up. The users can sign-up by typing their own information and the shop owners can sign-up by entering their shop’s information through the separated webpage.

The log-in page provides the user the multiple selections to log in such as typing the id, password or logging in with facebook or google.

The user page should contain several different parts in one page such as check in part, showing the map where the current hot spot is and the history of the user. Furthermore, it provides the button “my account” on the top of the page to make user can access another page for changing their own information.

**1. Main Page (index.html)**

* Header bar
  + logo(left)
  + Sign-up button (right)
  + Log-in button (right)
  + Heading (center) 🡪COVID-19(h1), contact tracing system(h2)
* Body
  + Nevigation bar
    - Home, About Us, Contact Us (left)
    - These are linked to each page(main page, about us page and contact us page)
  + Search bar
    - Let people search the location and check if the place is a hotspot area
  + Map image
    - The map is available to zoom in and zoom out
    - It shows the current hotspot area
* Footer
  + Webpage details(Home, about us, contact us) (right)
  + Copyright (left)

**2. Log-in Page**

* Header bar
  + logo(left)
  + Back button (right) 🡪 going back to the main page
  + Heading (center) 🡪 Log In
* Body
  + Nevigation bar
    - Home, About Us, Contact Us (left)
    - These are linked to each page(main page, about us page and contact us page)
  + Right
    - Facebook log in
    - Twitter log in
    - Google log in
  + Left
    - ID (input type)
    - password (input type)
    - log in (button)
  + Down:
    - Are you a shop owner? <link>Register now
    - It will link to another log in page for venue.
* Footer
  + Webpage details(Home, about us, contact us) (right)
  + Copyright (left)

**3. Sign up Page (for user)**

* Header bar
  + logo(left)
  + Back button (right) 🡪 going back to the main page
  + Heading (center) 🡪 Sign Up
* Body
  + Nevigation bar
    - Home, About Us, Contact Us (left)
    - These are linked to each page(main page, about us page and contact us page)
  + Box (Center)
    - Create your account(text)
    - input type (Center)
      * First name
      * Last name
      * Password
      * Email
      * Phone
    - button:sign-up(bottom)
    - button:cancel(right)
* Footer
  + Webpage details(Home, about us, contact us) (right)
  + Copyright (left)

**4. Sign up page (for venue owner)**

* Header bar
  + logo(left)
  + Back button (right) 🡪 going back to the main page
  + Heading (center) 🡪 Sign Up
* Body
  + Nevigation bar
    - Home, About Us, Contact Us (left)
    - These are linked to each page(main page, about us page and contact us page)
  + Box (Center)
    - Create your account(text)
    - input type (Center)
      * Shop name
      * Shop address
      * Shop contact
      * password
  + button (Center): sign-up(left), cancel(right)
* Footer
  + Webpage details(Home, about us, contact us) (right)
  + Copyright (left)

**5. User page**

* Header bar
  + Small logo. (left)
  + Button: Log-out. (middle right)
  + Button: My account(right)
* Check in details.
  + Check in now to save your spot.(text)
  + Button: Check in
* Interactive map.
  + Show the hot spot on the map. (red point)
* My history (check in)
  + Timeline for the user check in.
  + Date
  + Time
  + Address
  + Show the place have hotspot or not.
* Footer
  + Webpage details(Home, about us, contact us) (right)
  + Copyright (left)

**6. my account page(individual user)**

* Header bar
  + logo (left)
  + button: back (right), log-out(right)
* Body
  + input text
    - First Name
    - Last Name
    - Password
    - email
    - Phone
  + button: save
* Footer
  + Webpage details(Home, about us, contact us) (right)
  + Copyright (left)

**7. venue (check-in history)**

**8. venue(mange account)**

**9. official**

***Integration of Features into Website***

The functions listed below are all based on user interactions related to the page/site to describe their functions.

**1. Sign Up / Log In**

* Sign up:
  + allows user to sign up by third party application (google / facebook) or the traditional way: [name + password + email + phone ] by clicking the button on the top in the main page.
  + allow the venue owner to sign up by clicking the link “Register now”
* Log in :
  + allows user to log in by third party application (google / facebook ) or the typical way: [ id( or email address ) + password ]

**2. Search**

* Allows users to type in location: show on the map and tell if it is a hotspot or not.

**3. Link Social Media**

* Links to the social media webpage such as facebook, Instagram and twitter so that people can share the information

**4. History**

* Each user will check in the history record under the map, allowing users to see where they have been before.

**5. About Us**

* Located in navigation bar on the top and in footer so that user can easily access to the information of company

**6. Contact Info / Form**

Located in navigation bar on the top and in footer so that user can easily access to the information of company’s contact detail

**Site Design**

**1. main page**

**Diagram

Description automatically generated with medium confidence**

**2. log in page**

**Diagram, text

Description automatically generated with medium confidence**

**3. sign up page for user**

**Diagram

Description automatically generated with medium confidence**

**4. sign up page for venue**

**Diagram

Description automatically generated**

**4. About Us page Diagram

Description automatically generated**

**5. Contact Us page**

**Diagram

Description automatically generated**

**6. User page**

**7. User my account page**

**8. Venue (check in history) page**

**9. Venue (manage account) page**

**10. official page**