PERSONAL BLOG ON IBM CLOUD STATIC WEB APPS

Problem Definition: The project is to create a personal travel blog hosted on IBM Cloud Static Web Apps. The goal is to share travel adventures, tips, and captivating photos to inspire others to explore the world and create unforgettable memories. This involves designing the blog structure, creating engaging content, setting up the IBM Cloud Static Web Apps, and ensuring ease of updating the blog.

Design Thinking:

1. Content Planning: Plan the blog's structure, including sections for travel stories, tips, photos, and possibly a map showing the places visited.

2. Content Creation: Write engaging travel stories, share useful tips, and curate captivating photos from your journeys.

3. Website Design: Design an aesthetically pleasing and user-friendly layout for the blog using HTML, CSS, and possibly JavaScript for interactive elements.

4. IBM Cloud Setup: Set up an account on IBM Cloud and create a Static Web App to host the blog.

5. Content Management: Choose a suitable content management system (CMS) or static site generator to make it easy to update and manage the blog.

Our Solution:

sWhy to choose IBM Cloud Service for a personal blog:

IBM Cloud Static Web App is a powerful and reliable tool for creating personal blogs. It has a user-friendly interface and offers a wide range of features that make it easy to customise your blog. Additionally, it offers high security, scalability, and fast loading speeds. These features ensure that your blog runs smoothly and is accessible to all your readers at all times.

Design of the Blog:

The design of our travel blog is inspired by the beauty of the destinations we visit. It features large, high-quality images, an easy-to-read font, and a simple layout that allows readers to focus on the

content.

Layout of the Blog:

The layout of my travel blog is carefully planned to ensure a seamless reading experience. Each post features an interactive map, photographs of the destination, and tips and recommendations for fellow travellers.

Sharing Travel Experiences and Photographs:

"Travelling – it leaves you speechless, then turns you into a storyteller." – Ibn Battuta

Through our travel blog, we share our experiences and photographs with readers from around the world. We believe that travel is the best way to experience the world and learn about new cultures. By sharing our, stories and pictures, we hope to inspire others to explore the world and create their own memories.

Benefits of Social Media Sharing Buttons:

Sharing options on social media are a useful tool for expanding the audience. They effectively aid in the promotion of website or company because they make it simple for consumers to share content with their social networks. It may increase our internet visibility, increase traffic, and attract more followers or customers by promoting social sharing.

Benefits of Interactive Maps:

Interactive maps offer a visually appealing and intuitive way to convey data or highlight certain locations. Interactive maps provide consumers with a compelling and simple experience, regardless of whether we need to show store locations, highlight spots of interest, or present geographic data. They encourage investigation, improve comprehension, and can better our website's navigation in general.

Benefits of Comment Sections:

Users can actively interact with our material by leaving comments and contributing their ideas, opinions, and feedback. We may encourage user-generated content, develop a feeling of community, and obtain insightful feedback from our audience by offering a forum for conversation. User engagement is further increased by the ability for users to interact and form relationships in comment sections.

Integrating social media buttons:

Using the IBM cloud features, we will add the required JavaScript libraries or SDKs and use HTML elements for the buttons, and then either add share links with URLs or JavaScript methods for sharing to add social media sharing buttons to our website using HTML. Use the CSS for styles.

Integrating comments section:

We will first create a distinct "Comments" region in our HTML structure that includes both an existing comment section and a comment form. Then we will give the comment section and form an aesthetically pleasing appearance, style them with CSS. We will include JavaScript for interactivity and server-side programming (like PHP or Python) for managing and storing comments. Users can see and submit comments with this simple setup.

Integrating interactive maps:

We will use Google Maps to add an interactive map to our blog. After getting API from maps, we will use an "iframe" HTML tag with our API key and the target location to embed a map from Google Maps. To display the interactive map, we will paste the produced HTML code into the HTML editor of our blog post.

We have provided the code of our blog below:

Index.html:

```html
<!DOCTYPE html>
<html>
<head>
    <title>Travel Website</title>
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap"
rel="stylesheet">
    <link rel="stylesheet" type="text/css" href="./style.css">
</head>
<body>
    <div class="navbar">
        <div class="logo">
            <h1>Travel</h1>
        </div>
```

```html
        <div class="menu">
            <ul>
                <li><a href="#">HOME</a></li>
                <li><a href="./travel/html.html">TRAVEL STORIES</a></li>
                <li><a href="./photogallery.html">TRAVEL TIPS</a></li>
                <li><a href="./sidebar/index.html">PHOTO GALLERY</a></li>
                <li><a href="./map.html">MAP</a></li>
                <li><a href="./contact.html">CONTACT</a></li>

                <li><a href="#">ABOUT ME</a></li>
            </ul>
        </div>
        <div class="signup">
            <a href="#">Sign Up</a>
        </div>
    </div>
    <div class="body">
        <div class="heading">
            <h1>Travel With Us</h1>
            <br>
            <p>ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
            tempor incididunt ut labore et dolore magna aliqua. </p>
            <br>
            <br>
            <a href="#">Learn More</a>
        </div>
        <div class="tours">
            <div class="places">
                <h2>Australia</h2>
                <img src="img1.jpg" style="width: 300px; height: 250px; border-
radius: 12px;">
                <br>
                <br>
                <a href="#">Book Now 15% OFF</a>
            </div>
            <div class="places">
                <h2>New York</h2>
                <img src="img2.jpg" style="width: 300px; height: 250px; border-
radius: 12px;">
                <br>
                <br>
                <a href="#">Book Now 20% OFF</a>
            </div>
            <div class="places">
```

```
                    <h2>Thailand</h2>
                    <img src="img3.jpg" style="width: 300px; height: 250px; border-
radius: 12px;">
                    <br>
                    <br>
                    <a href="#">Book Now 25% OFF</a>
                </div>
            </div>
        </div>
        <div class="footer">
            <a href="#">Copyright</a>
            <a href="#">Terms and Conditions</a>
            <a href="#">Privacy Policy</a>
            <a href="#">Cookies</a>
            <a href="#">Complaints</a>
        </div>
    </body>
</html>
```

Contact.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bulma Contact Form</title>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bulma@0.9.3/css/bulma.min.css">
</head>

<body>
  <section class="section">
    <div class="container">
```

```html
        <h1 class="title">fabform.io bulma form</h1>
        <div class="columns">
          <div class="column is-half">
            <form action="https://fabform.io/f/{insert-your-form-id}"
method="post">
              <div class="field">
                <label class="label">Name</label>
                <div class="control">
                  <input class="input" type="text" placeholder="Your Name">
                </div>
              </div>
              <div class="field">
                <label class="label">Email</label>
                <div class="control">
                  <input class="input" type="email" placeholder="Your Email">
                </div>
              </div>
              <div class="field">
                <label class="label">Message</label>
                <div class="control">
                  <textarea class="textarea" placeholder="Your Message"></textarea>
                </div>
              </div>
              <div class="field">
                <div class="control">
                  <button class="button is-primary">Submit</button>
                  <p>Powered by <a href="https://fabform.io"
target="_blank">fabform.io</a></p>
                </div>
              </div>
            </form>
          </div>
        </div>
      </section>
  </body>

</html>
</body>
</html>
```

Map.html:

```html
<!-- <script src="https://www.amcharts.com/lib/3/ammap.js"
type="text/javascript"></script>
<script src="https://www.amcharts.com/lib/3/maps/js/worldHigh.js"
type="text/javascript"></script>
<script src="https://www.amcharts.com/lib/3/themes/dark.js"
type="text/javascript"></script>
<div id="mapdiv" style="width:100%; height:100vh;"></div>

<script type="text/javascript">
var map = AmCharts.makeChart("mapdiv",{
type: "map",

projection: "mercator",
panEventsEnabled : true,
backgroundColor : "#535364",
backgroundAlpha : 1,
zoomControl: {
zoomControlEnabled : true
},
dataProvider : {
map : "worldHigh",
getAreasFromMap : true,
areas :
[
    {
        "id": "CA",
        "showAsSelected": true
    },
    {
        "id": "US",
        "showAsSelected": true
    },
    {
        "id": "AE",
        "showAsSelected": true
    },
    {
        "id": "IN",
        "showAsSelected": true
    },
    {
        "id": "MY",
        "showAsSelected": true
    },
```

```
        {
            "id": "QA",
            "showAsSelected": true
        },
        {
            "id": "TH",
            "showAsSelected": true
        },
        {
            "id": "SG",
            "showAsSelected": true
        }
    ]
},
areasSettings : {
autoZoom : true,
color : "#B4B4B7",
colorSolid : "#84ADE9",
selectedColor : "#84ADE9",
outlineColor : "#666666",
rollOverColor : "#9EC2F7",
rollOverOutlineColor : "#000000"
}
});
</script>
 -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <iframe
src="https://www.google.com/maps/embed?pb=!1m14!1m12!1m3!1d15651.33692213242!2d77
.57339365!3d11.27359315!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!5e0!3m2!1sen!2sin
!4v1697622093176!5m2!1sen!2sin" width="100%" height="800px" style="border:0;"
allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-
downgrade"></iframe>
</body>
</html>
```

Css:

```css
*{
    padding: 0px;
    margin: 0px;
    box-sizing: border-box;
    list-style: none;
    font-family: 'Poppins', sans-serif;

}
.navbar{
    width: 100%;
    height: 80px;
    background-color: #fee;
    display: flex;
    justify-content: space-around;
    align-items: center;
    color: #000;
}
.menu ul{
    display: flex;
    align-items: center;
}
.menu ul li a{
    text-decoration: none;
    color: #000;
    padding: 5px 12px;
    letter-spacing: 2px;
    font-size: 18px;
}
.menu ul li a:hover{
    border-bottom: 4px solid #000;
    transition: 0.4s;
}
.signup a{
    text-decoration: none;
    color: #000;
    font-size: 18px;
    font-weight: bold;
    border-radius: 12px;
    padding: 12px 30px;
    border: 2px solid #ff0000;
}
.signup a:hover{
```

```css
    background-color: red;
    transition: 0.6s;
}
.body{
    width: 100%;
    height: 90vh;
    display: flex;
    justify-content: space-around;
    align-items: center;
    background-image: linear-
gradient(rgba(0,0,0,0.50),rgba(0,0,0,0.50)),url(img1.jpg);
    background-position: center;
    background-size: cover;
}
.heading{
    width: 30%;
    text-align: center;
    color: #fff;
}
.heading h1{
    font-size: 40px;
}
.heading a{
    text-decoration: none;
    color: #000;
    font-size: 25px;
    font-weight: bold;
    border-radius: 45px;
    padding: 14px 50px;
    background-color: #fff;
}
.heading a:hover{
    letter-spacing: 3px;
    transition: 0.6s;
}
.tours{
    width: 70%;
    display: flex;
    justify-content: space-around;
}
.places{
    display: inline;
    text-align: center;
    border-radius: 12px;
```

```css
}
.places h2{
    color: red;
    font-size: 35px;
    letter-spacing: 3px;
    border-radius: 1px;
    padding: 30px 30px;
    background-color: #000;
}
.places a{
    text-decoration: none;
    color: red;
    font-weight: bold;
    font-size: 18px;
    border-radius: 12px;
    padding: 12px 30px;
    background-color: #fff;
}
.places a:hover{
    background-color: #000;
    letter-spacing: 3px;
    transition: 0.6s;
}
.footer{
    width: 100%;
    height: 50px;
    display: flex;
    justify-content: space-around;
    align-items: center;
}
.footer a{
    text-decoration: none;
    color: green;
    font-size: 18px;
    font-weight: bold;
}
.footer a:hover{
    text-decoration: underline;
    transition: 0.4s;
}
```

PHOTO GALLERY:

```css
@import
url("https://fonts.googleapis.com/css2?family=EB+Garamond:ital,wght@0,400;0,500;0
,600;1,400;1,500;1,600&display=swap");

body {
  max-width: 800px;
  margin: 0 auto;
  background: #e7dfcf;
}

section {
  margin: 80px 0;
    display: grid;
  grid-template-areas: "title title img3 img3"
                       "img2 img1 img3 img3";
  grid-gap: 8px;
}

h2 {
  grid-area: title;
  color: #111;
  font-size: 120px;
  font-family: "EB Garamond", serif;
  font-weight: normal;
  margin: 0 0 20px 0;
  position: relative;
  z-index: 1;
  line-height: 1;
  mix-blend-mode: hard-light;
  max-width: 240px;

}
h2 span {
  font-weight: bold;
}

h2::after {
  display: none;
```

```css
  content: "";
  height: 8px;
  border-radius: 30px;
  width: 70%;
/*   display: block; */
  background: currentColor;
  transition: 0.5s ease;
}

h2:hover::after {
  transform: translateX(50%);
}

section img:nth-child(4) {
  grid-area: img3;
  aspect-ratio: 3 / 4;
}
section img:nth-child(1) {
  grid-area: img1;
}
section img:nth-child(2) {
  grid-area: img2;
}
section img {
  aspect-ratio: 4 / 3;
}

img {
  max-width: 100%;
  width: 100%;
  height: 100%;
  border-radius: 5px;
  object-fit: cover;
  transition: 0.3s ease;
    box-shadow: 0 1px 3px 0 rgb(0 0 0 / 0.1), 0 1px 2px -1px rgb(0 0 0 / 0.1);
}
```
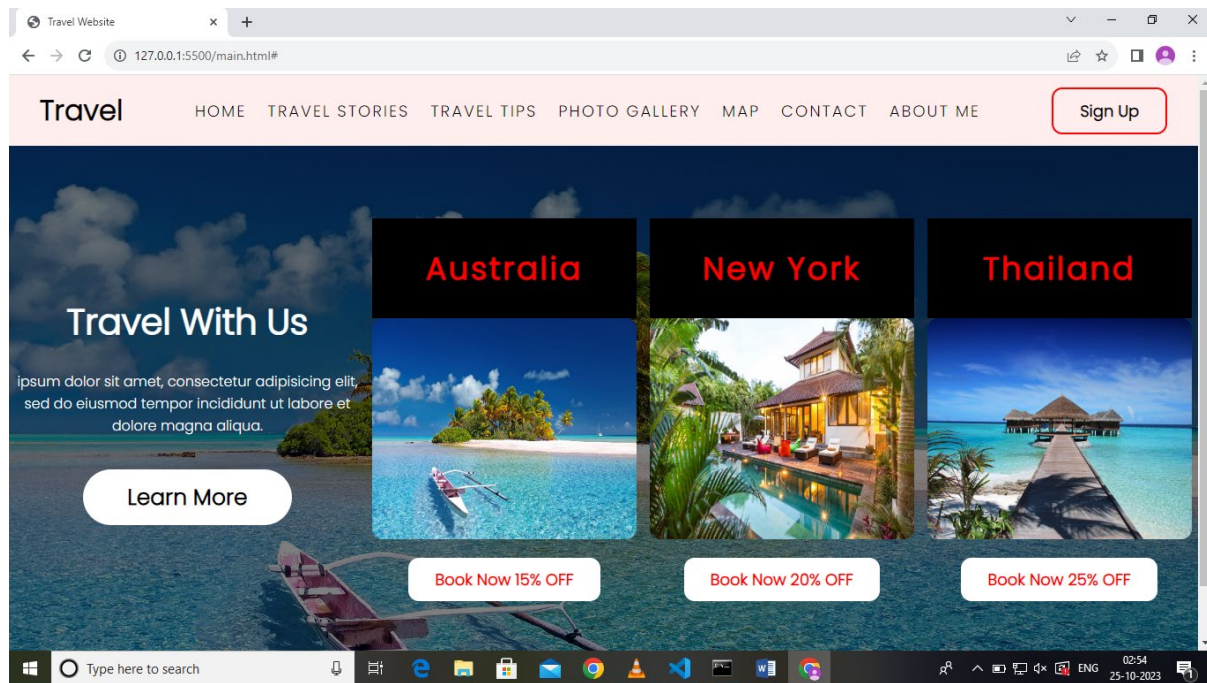
OUTPUT:

Team Members:

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5, R. Rajnish Choudhary