**PERSONAL BLOG ON CLOUD STATIC WEB APPS**

**PHASE 5**

. **Project Objective**:

The objective of the travel blog project is to create a user-friendly website where travelers can share their travel experiences and recommendations with a wider audience. The project aims to inspire and guide other travelers while offering an easy-to-use platform for content creators to share their adventures.  
  
Design Thinking Process:  
The design thinking process involved the following key steps:  
1. Empathize: Understanding the needs and desires of potential users, both content creators and readers.  
2. Define: Defining the problem and project scope based on user feedback and research.  
3. Ideate: Brainstorming and generating ideas for the website's features and functionality.  
4. Prototype: Creating a visual and interactive prototype of the website.  
5. Test: Gathering feedback and iteratively improving the prototype.  
  
Development Phases:  
The development of the travel blog project was divided into several phases:  
1. Planning: Defining the project scope, technology stack, and design.  
2. Front-end Development: Creating the user interface, designing the website layout, and implementing responsive design for various devices.  
3. Back-end Development: Building the backend system for managing user accounts, blog posts, and comments.  
4. Content Creation: Allowing content creators to write and upload travel articles, photos, and other media.  
5. Testing: Conducting extensive testing to ensure the website's functionality, security, and performance.  
6. Deployment: Making the website accessible to users through a web hosting service.  
  
Website Structure:  
The travel blog website consists of the following main components:  
- Home Page: Featuring a grid of featured travel articles and a search bar.  
- Blog Posts: Individual pages for each travel article with text, images, and comments.  
- User Accounts: Registration and login functionality for content creators.  
- Content Management: An admin dashboard for content creators to create, edit, and delete blog posts.  
- Comments: A commenting system for users to interact with blog posts.  
  
Technical Implementation Details:  
The website was built using a combination of technologies, including HTML, CSS, JavaScript for the front end, and Node.js for the back end. It uses a database (e.g., MongoDB) to store user information, blog posts, and comments. To enhance the user experience, it incorporates responsive design for various screen sizes and a secure authentication system.  
  
Screenshots/Images:  
[Insert screenshots or images of the travel blog website's user interface here]  
  
Submission:  
  
GitHub Repository:  
You can access the project's code and files in the following GitHub repository:  
[Insert GitHub repository link here]  
  
Deployment Instructions (IBM Cloud Static Web Apps):  
To deploy the travel blog using IBM Cloud Static Web Apps, follow these steps:  
1. Sign in to your IBM Cloud account or create a new one if you don't have an account.  
2. Create a new Static Web App in IBM Cloud and link it to your GitHub repository.  
3. Configure your build settings and provide the necessary deployment settings.  
4. Deploy your web app to IBM Cloud.  
  
README File:  
The project includes a detailed README file that explains how to navigate the website, update content, and manage any dependencies. It also provides information on setting up the development environment and other essential instructions for contributors and users.  
  
[Insert a link to the project's README file in your GitHub repository.]  
  
With this documentation and submission information, you can effectively share your travel blog project and make it accessible to users and contributors

**Team Members Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Name** | **Degree** | **Email Address** | **Naan Mudhalvan Id** |
| 1. | S. Yuvaraj | BE | yuviyuvarajkpr@gmail.com | au820321104060 |
| 2. | S. Surya | BE | suryavirat065@gmail.com | au820321104051 |
| 3. | S. Vengatesh | BE | vengadeshshanmugavel@gmail.com | au820321104054 |
| 4. | U. Shriram | BE | shriram68427@gmail.com | au820321104043 |