**Name: ABIRAJ SINGH**

**Register no : 71772117152**

**Personal Travel Blog on IBM Cloud Static Web Apps**

**Problem Definition**

The project aims to create a personal travel blog hosted on IBM Cloud Static Web Apps. The primary objective is to share travel experiences, tips, and captivating photographs to inspire and inform readers about travel destinations and adventures. The project involves several key tasks:

**Designing Blog Structure:** Creating an organized and visually appealing structure for the blog, including navigation menus, categories, and pages.

**Creating Engaging Content:** Generating high-quality and engaging content, including articles, photos, and videos, that resonate with the target audience.

**Setting Up IBM Cloud Static Web Apps:** Deploying and configuring the blog on the IBM Cloud platform to ensure it's accessible to users.

**Ensuring Ease of Updating:** Implementing a user-friendly content management system (CMS) or process for regularly updating and maintaining the blog.

**Understanding the Problem**

To solve this problem effectively, it's crucial to have a clear understanding of the requirements and plan the project in a structured manner. Here's what we've understood and how we intend to proceed:

**1. Designing Blog Structure**

**Understanding:**

The blog structure should be user-friendly, intuitive, and visually appealing.

It should include pages for different categories of travel content (e.g., destinations, travel tips, personal stories).

Navigation menus should be well-organized, allowing users to easily find content.

**Approach:**

We will create wireframes and mockups of the blog layout and pages.

Develop a user-friendly design using modern web design principles.

Implement a responsive design to ensure the blog looks great on all devices.

**2. Creating Engaging Content**

**Understanding:**

The success of the blog depends on the quality and relevance of its content.

Content should be informative, inspiring, and complemented with captivating photos and, if possible, videos.

Consistency in posting and a content calendar are important.

**Approach:**

Conduct research on trending travel topics and destinations.

Create an editorial calendar to plan and schedule content.

Focus on storytelling and personal experiences to engage readers.

Edit and proofread content for accuracy and readability.

**3. Setting Up IBM Cloud Static Web Apps**

**Understanding:**

Hosting the blog on IBM Cloud Static Web Apps ensures reliability and scalability.

It requires domain configuration and deployment of web files.

Security measures should be in place to protect the blog.

**Approach:**

Register a domain name (if not already done) and configure it to point to the IBM Cloud environment.

Create a static website using HTML, CSS, and JavaScript.

Deploy the website using IBM Cloud Static Web Apps.

Implement SSL/TLS certificates for secure communication.

**4. Ensuring Ease of Updating**

**Understanding:**

Regular updates are essential to keep the blog fresh and engaging.

A user-friendly CMS or content updating process is needed.

Backups and version control are important for data integrity.

**Approach:**

Choose and integrate a CMS or create a custom content updating solution.

Implement a backup and version control system.

Train team members or the blog owner on how to update content effectively.

Ensure a seamless content publication workflow.

**Conclusion**

This document outlines the problem definition, our understanding of the project requirements, and our planned approach to solving the problem. With a clear plan in place, we can proceed with the project's execution, aiming to create an inspiring and informative travel blog hosted on IBM Cloud Static Web Apps.