Travel Blog Project Documentation

Objective:

The objective of this project is to create a travel blog website where users can share their travel experiences and tips with others. The website will feature a variety of features, including:

* User registration and login
* Post creation and editing
* Post categories
* Commenting and social sharing
* Image uploading
* Search functionality

Design Thinking Process:

The following design thinking process was used to develop the travel blog website:

1. Empathize: I interviewed potential users of the website to understand their needs and wants. I also researched existing travel blogs to identify common features and trends.
2. Define: Based on my research, I defined the following problem statement:

Travelers need a way to share their experiences and tips with others, but they lack a central platform to do so.

1. Ideate: I brainstormed a variety of solutions to the problem statement. I also considered the following constraints:
   * The website must be easy to use for both beginners and experienced users.
   * The website must be scalable to support a large number of users and posts.
   * The website must be affordable to host and maintain.
2. Prototype: I created a prototype of the website using a content management system (CMS). I also created a user interface design using a design tool.
3. Test: I tested the prototype with potential users to get their feedback. I also made changes to the prototype based on their feedback.

Development Phases:

The travel blog website was developed in the following phases:

1. Frontend development: I developed the website's frontend using HTML, CSS, and JavaScript. I also used a CSS framework to create a responsive design.
2. Backend development: I developed the website's backend using Python and Django. I also used a database to store user accounts and posts.
3. Deployment: I deployed the website to IBM Cloud Static Web Apps. This platform allowed me to deploy the website without having to manage any servers or infrastructure.

Website Structure:

The travel blog website is structured as follows:

* Homepage: The homepage displays a list of recent posts, as well as links to popular categories.
* Category pages: Category pages display a list of posts in a specific category.
* Post pages: Post pages display the full text of a post, as well as comments and social sharing buttons.
* User pages: User pages display a list of the user's posts, as well as their profile information.

Content Creation:

Users can create and edit posts on the travel blog website. Posts can include text, images, and videos. Users can also tag their posts with categories and keywords.

Technical Implementation Details:

The travel blog website was implemented using the following technologies:

* Frontend: HTML, CSS, JavaScript, Bootstrap
* Backend: Python, Django, PostgreSQL
* Deployment: IBM Cloud Static Web Apps

Screenshots:

[Insert screenshots of the travel blog website's user interface here]

Submission

GitHub Repository Link:

[Insert GitHub repository link here]

Deployment Instructions:

To deploy the travel blog website to IBM Cloud Static Web Apps, follow these steps:

1. Create an IBM Cloud account if you don't already have one.
2. Create a Static Web Apps service instance.
3. Add the travel blog website's GitHub repository to your Static Web Apps service instance.
4. Build and deploy the website.

README File:

The README file for the travel blog website should include the following information:

* How to navigate the website
* How to update content
* Any dependencies

Conclusion:

This document has outlined the travel blog project's objective, design thinking process, development phases, website structure, content creation, technical implementation details, and submission instructions. I hope this information is helpful.