Phase 1: Problem Definition and Design Thinking

Project Title : 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:

Travel Stories:

- Share our personal travel experiences, adventures, and memorable moments.
- Describe the destinations i have visited and the cultural insights gained.

Destination Guides:

- Detailed guides about specific destinations, including recommendations for accommodations, local cuisine, attractions, and hidden gems.
- Provide practical travel tips, such as visa requirements, best times to visit, and budget estimates.

Travel Tips and Hacks:

- Offer practical advice for travelers, such as packing tips, safety precautions, and how to save money while on the road.
- Share travel hacks and insider tips for smoother journeys.

Photography and Visual Content:

- Showcase stunning travel photography and videos to inspire our readers.
- Share tips on photography techniques and equipment for capturing the best travel moments.

Food and Cuisine:

- Write reviews of local dishes and restaurants.
- Share recipes or cooking classes from our travels

Website Design :

- ➤ Layout And Navigation
  - → Home
  - → Tips
  - → Blog
  - → Post
- ➤ Quick Access Features
- ➤ Interactive Features
- ➤ Social Media Integration
- ➤ Contact Information And About Page
- ➤ Footer (Copyrights)

Layout and Navigation:

- Provide a detailed description of the layout and navigation structure.
- Include wireframes or mockups to illustrate the planned layout for various pages (homepage, blog posts, about page, etc.).
- Explain how the navigation menu will work and how categories and tags will be displayed.

Responsive Design:

- Describe how the design will adapt to different screen sizes and devices.
- Include breakpoints and design considerations for mobile, tablet, and desktop views.

Content Layout:

- Outline the structure for displaying blog post content, including headings, text, images, and multimedia elements.
- Explain the use of featured images and their placement.

Interactive Features:

- List any interactive features, such as comment sections, social media sharing buttons, or contact forms.
- Describe their functionality and placement within the design.

Social Media Integration:

- Explain where and how social media icons or sharing buttons will be placed on the website. - Specify the social media profiles to be linked.

Contact Information and About Page:

- Detail the placement of contact information, including email addresses or contact forms. - Describe the content and purpose of the "About Me" or "About Us" page.

Footer:

- Specify what information will be included in the footer, such as copyright notices and important links (e.g., privacy policy, terms of use).

IBM Cloud Setup :

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

Content Manageable System :

Jekyll:
- Jekyll is a widely-used SSG built with Ruby. It's known for its simplicity and flexibility.
- You can write blog posts in Markdown and use Liquid templating for dynamic content.
- GitHub Pages, which is closely integrated with Jekyll, makes hosting your blog easy.

Hugo:
- Hugo is another popular SSG written in Go. It's known for its incredible speed.
- It uses Markdown for content creation and offers a wide range of themes and templates.
- Hosting options are versatile, as you can deploy your Hugo site on various platforms.

Gatsby:
- Gatsby is a JavaScript-based SSG that's great for building highly dynamic websites, including blogs.
- It uses React for building pages and offers a vast ecosystem of plugins.

- Gatsby can pull in data from various sources, making it powerful for content aggregation.

Hexo:
- Hexo is a Node.js-based SSG designed for speed and simplicity.
- It supports Markdown, and its plugin system allows you to add various features.
- Hexo is well-suited for bloggers who prefer to write in Markdown and work with JavaScript.

Pelican:
- Pelican is a Python-based SSG that's easy to use and offers many plugins.
- It supports content in various formats, including Markdown and reStructuredText.
- Pelican can be hosted on different platforms, and it's well-documented.

Benefits Of SSG :

Ease of Content Management:

SSGs separate content from presentation, making it easy to add, edit, or remove blog posts using simple text files (e.g., Markdown).

Speed and Performance:

Static sites load quickly, which is essential for providing a good user experience. This is especially important for travelers accessing your blog from various locations and devices.

Security:

Since SSGs generate static HTML files, they are less susceptible to security vulnerabilities compared to dynamic content management systems (CMS).

Version Control:

You can use version control systems like Git to track changes in your content, making it easier to collaborate with others or recover from mistakes.

Scalability:

SSGs can handle a large number of visitors without overloading your server, making them suitable for blogs with growing readership.

Customization:

SSGs often support themes and templates, allowing you to customize the design of your blog to match your brand and preferences.

Conclusion :

In conclusion, a travel blog is not just a platform for sharing personal adventures; it's a powerful medium that can inspire, inform, and connect with a global audience. Whether you're a seasoned traveler or just embarking on your journey, a travel blog offers numerous benefits and opportunities.

Travel blogs serve as valuable resources for fellow travelers, offering insights, tips, and recommendations for planning their own journeys. They help readers navigate the complexities of travel, from choosing destinations and accommodations to budgeting and packing efficiently.