IBM NAAN MUDHALVAN

Cloud Application Development- Group 1

Project 1: Personal Blog on IBM Cloud Static Web Apps

Phase 2 : Innovation

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1. Content Planning and Creation:

-**Travel Blog Structure:** Implement the planned blog structure, which includes sections for travel stories, tips, photos, and a map showing visited places. Create a clear hierarchy and navigation for the blog.

- **Content Creation:** Write engaging travel stories, share useful travel tips, and curate captivating photos. Ensure that content aligns with the blog's theme and provides value to the readers.

2. Website Design:

- **Layout Design:** Create an aesthetically pleasing and user-friendly layout for the blog. Use HTML and CSS to structure and style the pages. Consider responsive design to ensure the blog looks good on various devices.

- **Interactive Elements:** Implement any interactive elements, such as image galleries, comment sections, or social media sharing buttons, using JavaScript or relevant libraries.

3. IBM Cloud Setup:

  - **IBM Cloud Account:** If you don't have one already, create an IBM Cloud account. This will serve as the hosting platform for your blog.

  - **Static Web App Creation:** Set up a Static Web App on IBM Cloud. This will be the environment where your blog will be deployed.

4. Content Management:

  - **Choose a CMS or Static Site Generator:** Decide whether you want to use a Content Management System (CMS) or a static site generator. A CMS like WordPress or a static site generator like Jekyll can make it easier to manage and update your blog.

  - **Configuration:** Set up and configure the chosen CMS or static site generator as per your blog's requirements. This may involve choosing themes, configuring plugins, and structuring your content.

5. Deployment:

  - **Upload Content:** Add your travel stories, tips, photos, and other content to the CMS or static site generator.

   - **Generate Static Files:** If you are using a static site generator, generate the static HTML, CSS, and JavaScript files.

   - **Deploy to IBM Cloud:** Use the provided tools and services to deploy your blog to the IBM Cloud Static Web App.

6. Testing:

   - **Quality Assurance:** Test your blog thoroughly to ensure that all pages are rendering correctly, and that interactive elements (if any) are working as expected.

   - **Cross-Browser and Device Testing:** Verify that your blog looks and functions well on different web browsers and devices.