DOMAIN NAME: CLOUD COMPUTING

PROJECT NAME: **PERSONAL BLOG ON IBM CLOUD STATIC WEB APPS**

PROBLEM DEFINITION:

OBJECTIVE:

The primary objective of this project is to showcase written content, images and possibly videos in an organized mannar . It is used to implement a user friendly and responsive design for optimal viewing on various devices. It's enable easy content management and update.

DESIGN THINKING:

Design thinking is a human-centered approach to innovation that focuses on understanding the needs of users and developing solutions that meet those needs. It is a non-linear, iterative process that can be used to solve complex problems.

The design thinking process can be divided into five stages:

Step 1 : Empathize

Understand your target audience: Identify who your ideal readers are, their interests, and problems they want to solve.

Research: Analyze successful blogs in your niche for inspiration and to identify gaps you can fill.

Step 2 : Define

Clearly define the purpose of your blog: What do you want to achieve? Educate, entertain, inspire, or inform?

Set specific goals: Determine what success looks like for your blog, such as traffic, engagement, or revenue.

Step 3 : Ideate

Brainstorm blog topics: Generate a list of potential topics that align with your audience's needs and your goals.

Create a content calendar: Organize your ideas into a schedule to maintain consistency.

Step 4 : Prototype

Create sample blog posts: Write a few posts to test your ideas and style.

Design your blog: Select a user-friendly platform (e.g., WordPress)

and design a layout that reflects your brand.

Step 5 : Test

Share your prototype posts: Gather feedback from a small group of trusted friends or colleagues.

Collect data: Use analytics tools to monitor traffic and user engagement on your prototype posts.

HOW TO APPLY DESIGN THINKING TO BIG DATA ANALYSIS

1. Sign Up for IBM Cloud:

If you don't already have an IBM Cloud account, sign up for one at [IBM Cloud Registration](https://cloud.ibm.com/registration).

2. Create a Static Web App:

Log in to your IBM Cloud account.

Navigate to the IBM Cloud dashboard.

Click on "Create Resource" and search for "Static Web App" or navigate to "Web and Mobile" > "Static Web App."

3. Set Up Your App:

Choose a name for your app.

Select a location/region for hosting.

Connect your GitHub repository where you'll store your blog's source code. If you haven't already, push your blog's code to a GitHub repository.

4. Configure Your Build Settings:

Define the build settings for your static web app. This typically involves specifying the build and output directory.

5. Configure Your Environment Variables:

If your blog requires environment variables (e.g., API keys, configuration settings), set them up in the IBM Cloud Static Web App configuration.

6. Review and Create:

Review your app's configuration settings to ensure they are correct.

Click "Create" to create your IBM Cloud Static Web App. This process may take a few moments.

7. Deploy Your Blog:

Once your Static Web App is created, it will automatically deploy your

blog from the connected GitHub repository.

8. Access Your Blog:

After deployment, you will receive a URL where your blog is hosted. You can access your personal blog through this URL.

9. Custom Domain:

If you have a custom domain for your blog, you can configure it to point to your IBM Cloud Static Web App. This involves updating your domain's DNS settings.

10. Backup and Security:

Implement regular backups of your blog content and data.

Ensure your blog's security by following best practices for web app security.