J.J.COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE | Affiliated to Anna University | ISO 9001 : 2008 Certified

(Sowdambikaa Group of Institutions)

personal blog on IBM cloud static web apps

TEAM MEMBERS:

- S.Abirami
- K.Kamatchi Ammal
- K.Kavi Bharathi
- V.Nisha
- G.Sarumathi
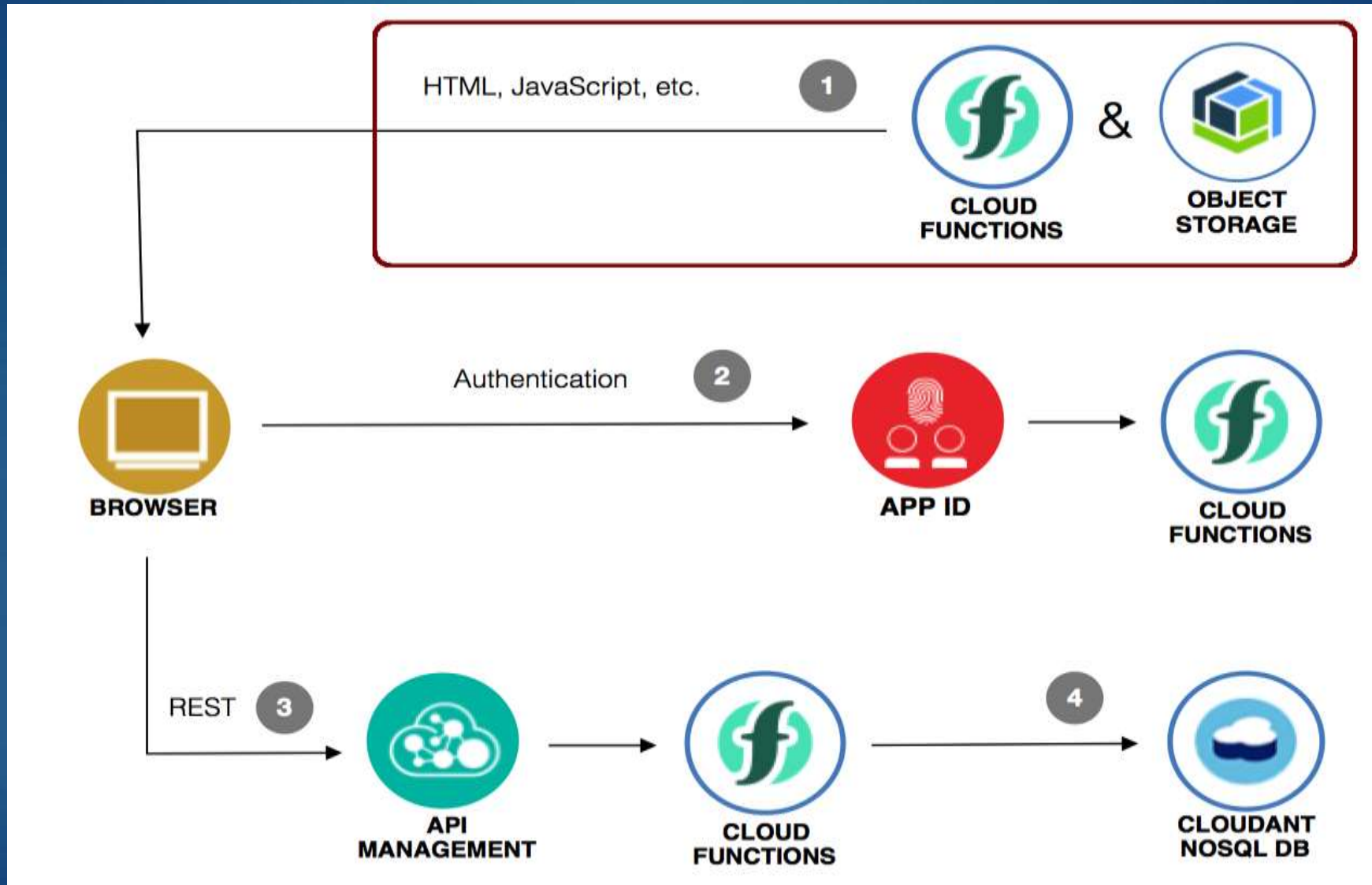- S.Sriindra
- G.Subasree

PROBLEM DESCRIPTION:

➢ IBM Cloud Static Web Apps offers a streamlined process to deploy and host static websites or web applications.

➢ It's ideal for projects like personal blogs, as they primarily consist of static content.

➢ When combined with a headless CMS or a static site generator, you can create a dynamic-feeling site that's efficiently hosted and scaled by IBM Cloud

STEP BY STEP PROCEDURE:

➢ **Choose Your Blogging Platform:** Start with a static site generator like Jekyll, Hugo, or Gatsby. These tools help generate static HTML, CSS, and JavaScript files from your blog posts and templates.

➢ **Connect to a Repository:** IBM Cloud can integrate with platforms like GitHub or GitLab Push your blog's source code and static site generator configuration to one of these platforms.

➢ **Deployment Configuration:** When setting up IBM Cloud Static Web Apps, specify the build and deploy process based on the static site generator you're using.

➢ **Domain Configuration:** If you have a custom domain, configure it in IBM Cloud to point to your static web app.

➢ **Enable HTTPS:** For security and better ranking on search engines, make sure to enable HTTPS for your blog

➢ **Continuous Deployment:** One of the significant benefits of hosting on platforms like IBM Cloud Static Web Apps is the continuous deployment feature.

➢ **Add Additional Features:** While your blog is primarily static content, you might want to add dynamic functionalities like comments, search, or analytics.

DESIGNING DIAGRAM:

DESIGING AND INNOVATION:

❏ **Purpose & Theme:**

➤ Define the objective of your blog: Is it a tech blog, travel diary, personal journal, etc.?

➤ Choose a visual theme that resonates with your blog's topic.

❏ **Design & Layout:**

➤ Use a responsive design to ensure accessibility across devices.

➤ Choose a clean, easily readable font and color palette.

❏ **Security:**

➤ Ensure secure data practices by integrating IBM Cloud Identity and Access Management (IAM).

➤ Implement SSL for encrypted data transfer.

❏ **Integration with IBM Cloud:**

➤ Use IBM Cloud Object Storage to store images and ensuring fast loading times and scalability.

➤ Implement Continuous Integration and Continuous Delivery (CI/CD) pipelines using IBM Cloud's DevOps services for efficient deployment of updates.

CONCLUSION:

❑ IBM Cloud Static Web Apps offer an exceptional platform for web developers and businesses alike. With its seamless integration of technologies, ease of deployment, and robust security features, it empowers creators to focus on what they do best: building amazing web experiences.

❑ IBM Cloud Static Web Apps is a powerful tool in your arsenal. So, dive in, explore its capabilities, and unlock the potential to create stunning, high-performance websites that leave a lasting impression on your audience.