Project Design Phase-I
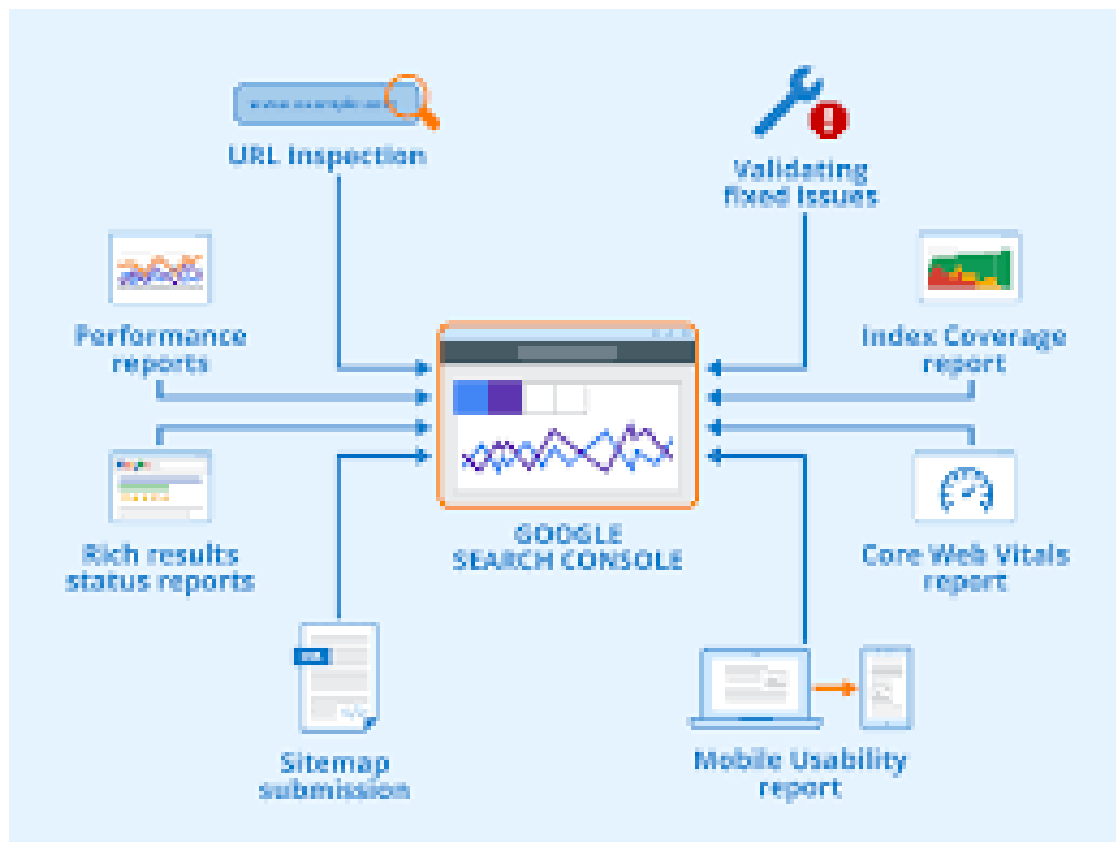**Solution Architecture**

NAME	RUBA A
NM ID	2528AD5D5FF8201AD214F41476392A40
PROJECT NAME	How to submit your website's sitemap to Google Search Console

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.

- Describe the structure, characteristics, behaviour, and other aspects of the software to project stakeholders.

- Define features, development phases, and solution requirements.

- Provide specifications according to which the solution is defined, managed, and delivered.

Solution Architecture for Submit our website's sitemap to Google Search Console:

Flow of the Project:

1. **Create a Google Account or Sign In:**

   If you don't already have a Google account, create one.Visit the Google Search Console website (https://search.google.com/search-console/), and sign in with your Google account.

2. **Add Your Property (Website):**

   Click on the "Add Property" button.Enter your website's URL and click "Continue."

3. **Verify Ownership:**

   You'll need to verify that you own the website to access its data. Google offers several verification methods, including HTML file upload, domain name provider, HTML tag, Google Analytics, and Google Tag Manager. Choose the method that's most convenient for you.

4. **Access Your Property:**

   After successful verification, you'll be redirected to your website's Search Console dashboard.

5. **Find the Sitemaps Section:**

   In the left-hand sidebar, click on the property (website) you've added.

6. **Submit Your Sitemap:**

   In the property dashboard, find the "Index" section in the left sidebar and click on "Sitemaps."

7. **Add or Test Sitemap:**

   Click the "Add/Test Sitemap" button.

8. **Enter the Sitemap URL:**

   In the pop-up window, enter the URL of your sitemap. It's typically located at "/sitemap.xml" on your website. For example, if your website is "https://www.example.com," the sitemap URL would be https://www.example.com/sitemap.xml.

9. **Submit Sitemap:**

   Click "Submit."

10. **Monitor the Status:**

   After submitting your sitemap, you can monitor the status of the submission and see if there are any issues with your sitemap. Google may take some time to process the sitemap and start indexing your pages.

11. **Check for Errors:**

   Regularly check the Sitemaps section for any errors or issues. Google may provide feedback on crawling and indexing problems that need to be addressed.

12. **Resubmit Sitemap (if necessary):**

   If you make significant changes to your website's structure or content, it's a good practice to resubmit your sitemap to ensure that Google indexes the latest version of your site.