Playbook

We can deploy and monitor our Flask application on GCP using **Cloud Run**.
Here are the steps to follow:

1. Our repository contains a Dockerfile which is used to build a docker image. A Dockerfile is a text document that contains all the commands a user can call on the command line. Automated build can be created using docker build that executes several command-line instructions in succession. Cloud Run will build the image from the Dockerfile automatically.

2. Set up a GCP account and project and then choose Create service.
    a. Select **Continuously deploy new revisions from a source repository** and then select Set up with cloud build.
    b. In the source repository choose GitHub as Repository Provider and provide the repository link **deepcadence22/Name-Pronunciation-Tool**
    c. In Build Configuration, select the main branch, select **Dockerfile** build type, and then provide Dockerfile source location and click save. Once you set up the continuous build, every push to the branch will trigger the new version to deploy in the Cloud Run.
    d. Select **Service name** as any name for the application and Select **Region** as per the requirement.
    e. Under *Authentication*, select **Allow unauthenticated invocations**.
    f. Keep the rest of all the options as default and then click Create to deploy the container image to Cloud Run and wait for the deployment to finish.

3. Click the displayed URL link to run the application. This application now can be accessed by everyone and monitoring can be done from the GCP console.