**Deployment Document for Go Newsletter Platform:** For Deploying the Production Image App from GHCR to AWS Elastic Beanstalk.

**Introduction:**

Since I didn't have much time (another company sent me a test project on the same day) to deploy my application, I decided to prepare a document of the necessary steps to deploy the production image app stored in GitHub Container Registry to AWS Elastic Beanstalk. I have already pushed my production image app to GHCR.

**Prerequisites:**

- Access to GHCR and an AWS account with Elastic Beanstalk configured.
- A production image app stored in GHCR.
- Basic knowledge of Docker and AWS Elastic Beanstalk.

**Deployment Steps:**

*Step 1: Set up the Target Environment*

Create an Elastic Beanstalk environment suitable for the application, ensuring that it meets the requirements (e.g., instance type, availability zones, networking configuration).

*Step 2: Pull the Production Image from GHCR*

Open a terminal or command prompt and authenticate with GHCR using appropriate credentials and pull the production image from GHCR using the following command:

docker pull ghcr.io/bwc00/strv-go-newsletter-shakleya-mohammed:v1.0.0

*Step 3: Configure Elastic Beanstalk for Deployment*

In the Elastic Beanstalk environment dashboard, initiate a new deployment and choose Docker as the platform option. Provide a unique application version label and select the desired production image from GHCR. Configure any additional settings, such as environment variables.

*Step 4: Deploy the Production Image to Elastic Beanstalk*

Start the deployment process. Elastic Beanstalk will create the necessary infrastructure and deploy the application using the provided production image. Once the deployment is completed, Elastic Beanstalk will assign a URL to access your application.