**PHASE 5 PROJECT**

**CI/CD Deployment for Springboot Application**

**Problem Statement**:

As a Full Stack Developer, you have to build a CI/CD pipeline to demonstrate continuous deployment and host the application on AWS EC2 instance.

As the project is in the final stage, management has asked you to automate the integration and deployment of the web application. You are required to set up an environment where the application will be hosted and accessed by users. The source code is supposed to be fetched from a GitHub repository.

You must use the following:

* Eclipse
* GitHub
* Jenkins
* AWS EC2/ Virtual machine

Following requirements should be met:

A part of the source code should be tracked on the GitHub repository. You need to document the tracked files that are ignored during the final push to the GitHub repository.

The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.

**Steps performed to run the project:**

1. For this project, firstly I have launched a instance with the basic procedure in AWS EC2 instance.
2. Next, we have also created a pem file key777 and launched the instance
3. I have created a sample project in git and uploaded in the repository.
4. For deploy of project I have made deploy instance and created a deployment group
5. Connected with github url.
6. And build the application with Jenkins, with basic procedure.
7. The application is configured.
8. Next, the mail need to be setup for notifications.
9. After this it setups the application and done.

**Repository link:**

**Link: https://github.com/suman-rani/Phase5EC2Project**