**WRITE UP FOR DEPLOY APPLICATION ON CLOUD**

**Project objective:**

As a developer, deploy your Spring Boot application on Cloud.

**Problem statement:**

You have been assigned a new task during the sprint planning. You have been asked to deploy your Spring Boot application on the Cloud. You need to create and launch an instance, provide all the required privileges, and run your application.

**Solution:**

**Step 1:** Create a spring starter web project in Spring Tool Suite 4 of name Deploy application on cloud

**Step 2:** Create a DemoController in main java.

**Step 3:** In DemoController create a Responsebody and Requestmapping

**Step 4:** Create a War file by clicking Run as🡪Maven build..🡪Type “**package**” in goal.

**Step 5:** In Aws create a Instance in EC2.

**Step 6:** After creating EC2 connect with EC2 . In EC2 there will be default user convert to root by typing **sudo -i**

**Step 7:** Create a S3 bucket in Aws for uploading the war file of spring boot application.

**Step 8:** After uploading war file in S3 bucket . In EC2 there will be linux environment, type wget filename.

**Step 9:** Run the war file by java -jar filename.

**Step 10:** Spring Boot Application get started. Now this application is accessible by everyone giving the Public Ipv4 DNS:8081/show.