**Project Title: Deploying Maven App to Tomcat Server**

**Project objective:**

Use Jenkins to set up a pipeline that will compile a Maven project and deploy it to a Tomcat Server.

**Background of the problem statement:**

You’re a DevOps engineer at Hooli, a computer vision company that started out as an image search platform. The company is celebrating its 25th anniversary and the CEO wants to celebrate the occasion by replacing the Hooli website with the original website that the company started out with for a day. You’re required to build a Maven web app that says “Welcome to Hooli”, set up a Tomcat server on an EC2 instance, set up a Jenkins pipeline to compile the app, and deploy it to Tomcat. The Jenkins job has to compile the app, generate a war file, and deploy the war file to the Tomcat server.

**You must use the following:**

* **Java:** To create the website
* **Git:** As a version control system for the program
* **Jenkins:** To create the build pipeline
* **Spring boot:** To create the Maven app
* **Maven**: To compile the program
* **Tomcat**: To host the website
* **AWS EC2**: To run Tomcat

**The following requirements should be met:**

* The app should be built with Maven.
* The Tomcat server should allow remote deployment.
* The pipeline should be built with the Maven Project plugin.
* The build job should compile the app and do the deployment as a post-build action.