**Project Title: Static Code Analysis**

**Project objective:**

Use Jenkins to set up a build job that performs a static code analysis on code committed to the SCM nightly using SonarQube.

**Background of the problem statement:**

You’re a DevOps engineer at ABC software, a service-based software development company. The company is trying to implement a new coding standard to help avoid code refactoring. As a pilot, the company wants to perform daily static code analysis on its new project which is a retail management system for their new clients FreshMart. You’re tasked with setting up a Jenkins build job that polls the SCM for the FreshMart project nightly and performs static code analysis using SonarQube and publishes the result. The retail management system will be a Maven project and the developers will be committing their codes to a git repository daily before they clock out.

**You must use the following:**

* **Git:** As a version control system for the project
* **Jenkins:** To create the build pipeline
* **Spring boot:** To create the project structure
* **Maven**: To compile the program
* **SonarQube**: To perform the static code analysis and publish the results

**The following requirements should be met:**

* The pipeline should be built with the SonarQube plugin
* The pipeline should poll the SCM every night and perform the analysis