**Spring Boot – Actuator Based Inventory Monitoring App**

**InventoryApplication.java**

package com.company.inventory;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class InventoryApplication {

public static void main(String[] args) {

SpringApplication.run(InventoryApplication.class, args);

}

}

**application.properties**

# Enable all actuator endpoints

management.endpoints.web.exposure.include=\*

**pom.xml**

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.company</groupId>

<artifactId>inventory-monitoring</artifactId>

<version>1.0.0</version>

<packaging>jar</packaging>

<name>Inventory Monitoring</name>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.1.1</version>

</parent>

<dependencies>

<!-- Web dependency -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<!-- Actuator dependency -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-actuator</artifactId>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

</build>

</project>

**Inventory Controller**

package com.example.inventory.controller;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.RestController;

import java.util.List;

@RestController

public class InventoryController {

@GetMapping("/inventory")

public List<String> getInventory() {

return List.of("Apples", "Bananas", "Oranges");

}

}