# 2. Spring Boot - Actuators

Case Study: Monitoring an Inventory System

**Problem Statement:** 

You deploy an Inventory Management app and want to monitor its health, memory usage, bean loading, and environment settings without building these endpoints manually.

## Key Concept:

Spring Boot Actuator exposes production-ready features like health checks, metrics, beans, and custom endpoints.

## Scenario:

You add the spring-boot-starter-actuator dependency, and enable the / actuator endpoint in application.properties.

With zero code changes, you get:

- /actuator/health → Health of the service.
- /actuator/beans → Beans created in the container.
- /actuator/metrics → JVM and HTTP metrics.
- /actuator/env → Current environment values.

## Solution:

Just add this line line in application properties

# Expose only health and beans endpoint

management.endpoints.web.exposure.include=health,info,beans,metrics,env

# Expose all actuator endpoints

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

#management.endpoints.web.base-path=/manage

And run java file

### **SCREENSHOT OF OUTPUTS**







