**Billing-Services**

**week5/Microservices-SpringBoot/cutomer-billing-system/billing-service/pom.xml**

<?xml version="1.0" encoding="UTF-8"?>

<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 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>

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

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

<version>3.5.3</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

<groupId>com.example</groupId>

<artifactId>billing-service</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>billing-service</name>

<description>Demo project for microservice</description>

<url/>

<licenses>

<license/>

</licenses>

<developers>

<developer/>

</developers>

<scm>

<connection/>

<developerConnection/>

<tag/>

<url/>

</scm>

<properties>

<java.version>21</java.version>

</properties>

<dependencies>

<dependency>

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

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

</dependency>

<dependency>

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

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

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

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

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

</plugin>

</plugins>

</build>

</project>

**week5/Microservices-SpringBoot/cutomer-billing-system/billing-service/src/test/java/com/example/billing/BillingServiceApplicationTests.java**

package com.example.billing;

import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest

class BillingServiceApplicationTests {

@Test

void contextLoads() {

}

}

**week5/Microservices-SpringBoot/cutomer-billing-system/billing-service/src/main/resources/application.yml**

server:

port: 8082

spring:

application:

name: billing-service

**week5/Microservices-SpringBoot/cutomer-billing-system/billing-service/src/main/java/com/example/billing/BillingController.java**

package com.example.billing;

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

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

@RestController

public class BillingController {

@GetMapping("/api/v1/charge")

public String charge() {

return "Billing charged ₹500 to Bharadwaj";

}

}

**week5/Microservices-SpringBoot/cutomer-billing-system/billing-service/src/main/java/com/example/billing/BillingServiceApplication.java**

package com.example.billing;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class BillingServiceApplication {

public static void main(String[] args) {

SpringApplication.run(BillingServiceApplication.class, args);

}

}