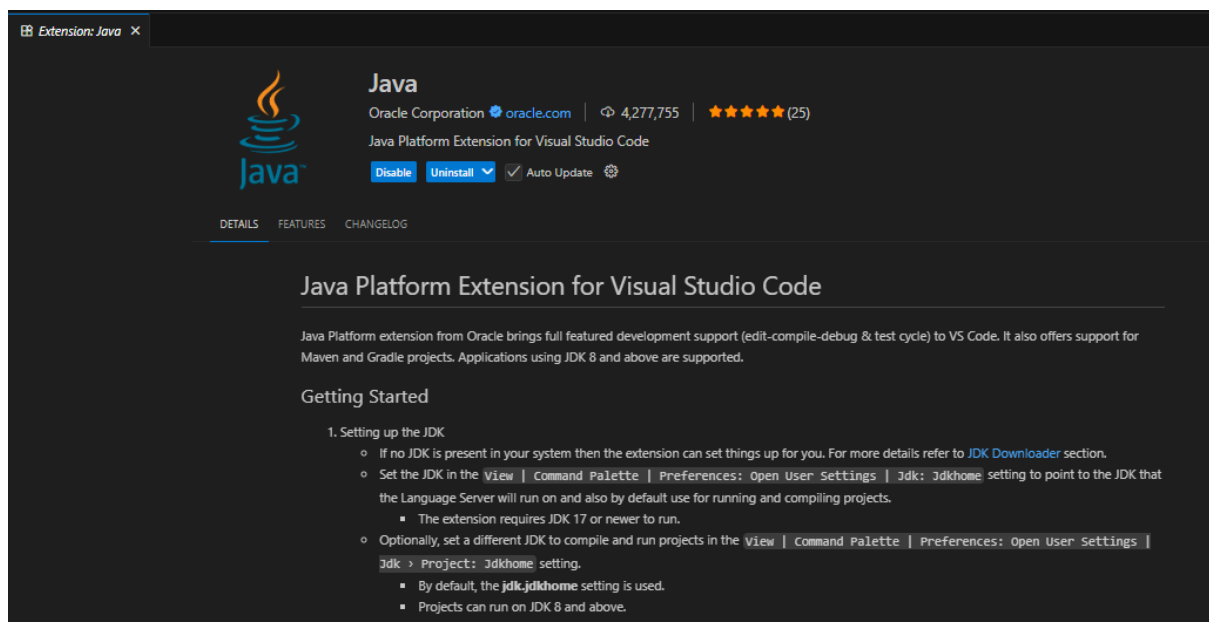1.java instalado

```
PS C:\Users\thale> java -version
java version "25.0.1" 2025-10-21 LTS
Java(TM) SE Runtime Environment (build 25.0.1+8-LTS-27)
Java HotSpot(TM) 64-Bit Server VM (build 25.0.1+8-LTS-27, mixed mode, sharing)
PS C:\Users\thale>
```

2. VS code com a extensão java

3. Git

```
PS C:\Users\thale> git --version
git version 2.50.1.windows.1
PS C:\Users\thale>
```

Project

- ○ Gradle - Groovy ○ Gradle - Kotlin
- ● Maven

Language

- ● Java ○ Kotlin ○ Groovy

Spring Boot

- ○ 4.0.0 (SNAPSHOT) ○ 4.0.0 (RC1) ○ 3.5.8 (SNAPSHOT) ● 3.5.7
- ○ 3.4.12 (SNAPSHOT) ○ 3.4.11

Project Metadata

Group	com.deliverytech
Artifact	delivery-api
Name	delivery-api
Description	Demo project for Spring Boot
Package name	com.deliverytech.delivery
Packaging	● Jar ○ War
Java	○ 25 ● 21 ○ 17

Dependencies

ADD DEPENDENCIES... CTRL + B

Spring Web `WEB`
Build web, including RESTful, applications using Spring MVC. Uses Apache Tomcat as the default embedded container.

Spring Data JPA `SQL`
Persist data in SQL stores with Java Persistence API using Spring Data and Hibernate.

H2 Database `SQL`
Provides a fast in-memory database that supports JDBC API and R2DBC access, with a small (2mb) footprint. Supports embedded and server modes as well as a browser based console application.

---

delivery-api > delivery-api >

Nome	Tipo	Tamanho Compact...	Protegido ...	Tamanho	Razão	Data de modificação
.mvn	Pasta de arquivos					10/27/2025 9:46 PM
src	Pasta de arquivos					10/27/2025 9:46 PM
.gitattributes	txtfile	1 KB	Não	1 KB	22%	10/27/2025 9:46 PM
.gitignore	txtfile	1 KB	Não	1 KB	42%	10/27/2025 9:46 PM
HELP.md	Arquivo MD	1 KB	Não	2 KB	56%	10/27/2025 9:46 PM
mvnw	Arquivo	4 KB	Não	12 KB	66%	10/27/2025 9:46 PM
mvnw	Script de Comandos do ...	3 KB	Não	9 KB	65%	10/27/2025 9:46 PM
pom	Microsoft Edge HTML Do...	1 KB	Não	2 KB	66%	10/27/2025 9:46 PM

url github

https://github.com/zthalesp/delivery-api--Thales-Gabriel-/tree/main

commit inicial

readme

configuração `application.properties`

```properties
spring.application.name=delivery-api
# Configuração do servidor

server.port=8080



# Configuração do H2 Database

spring.datasource.url=jdbc:h2:mem:deliverydb

spring.datasource.driverClassName=org.h2.Driver

spring.datasource.username=sa

spring.datasource.password=



# Console H2

spring.h2.console.enabled=true

spring.h2.console.path=/h2-console



# JPA/Hibernate

spring.jpa.database-platform=org.hibernate.dialect.H2Dialect

spring.jpa.hibernate.ddl-auto=create-drop

spring.jpa.show-sql=true

spring.jpa.properties.hibernate.format_sql=true



# Configurações de desenvolvimento

spring.devtools.restart.enabled=true



# Configurações especificas para JDK 21

spring.jpa.open-in-view=false

logging.level.org.springframework.web=DEBUG
```

estrutura de pastas do projeto
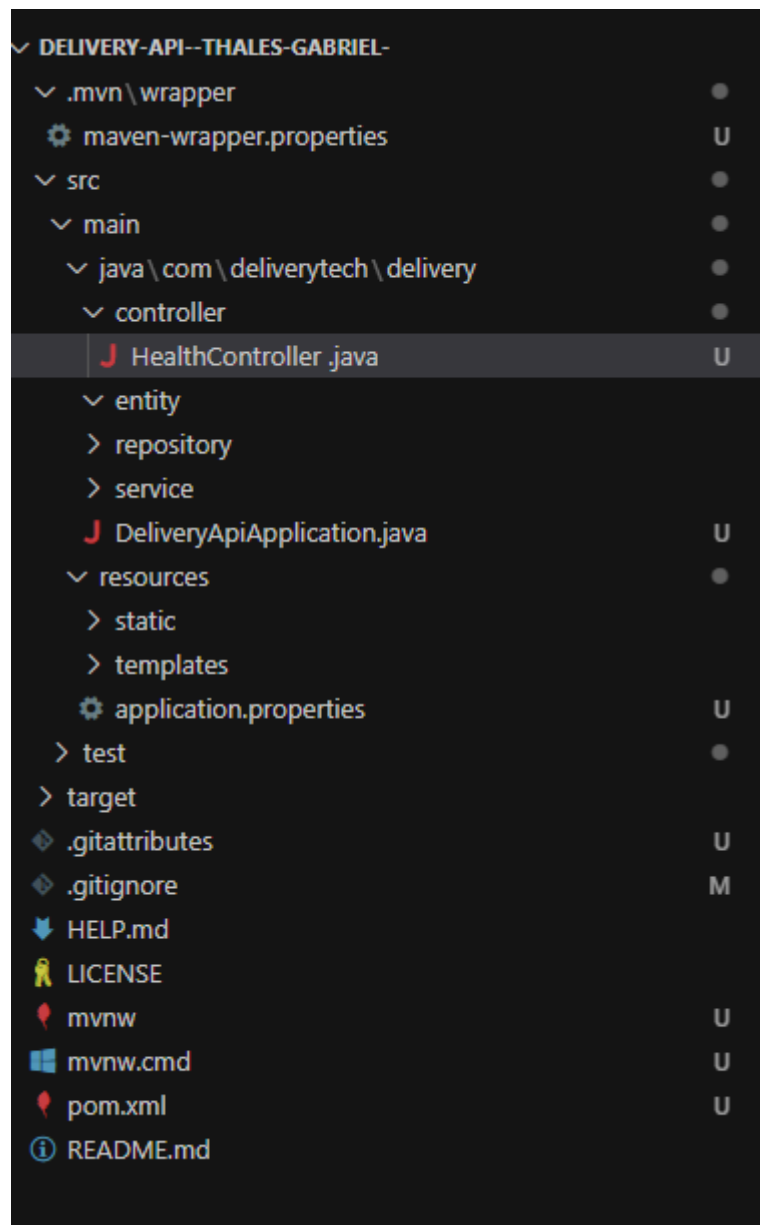
Código do `HealthController` implementado


```java
package com.deliverytech.delivery.controller;

import java.time.LocalDateTime;

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

import java.util.Map;

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


@RestController
public class HealthController {



    @GetMapping("/health")

    public Map<String, String> health() {

        return Map.of(

            "status", "UP",

            "timestamp", LocalDateTime.now().toString(),

            "service", "Delivery API",

            "javaVersion", System.getProperty("java.version")

        );

    }




    @GetMapping("/info")

    public AppInfo info() {

        return new AppInfo(

            application:"Delivery Tech API",

            version:"1.0.0",

            developer:"Thales",

            javaVersion:"JDK 21",

            framework:"Spring Boot 3.2.x"

        );

    }




    // Record para demonstrar recurso do Java 14+ (disponível no JDK 21)

    public record AppInfo(

        String application,

        String version,

        String developer,

        String javaVersion,

        String framework

    ) {}

}
```

endpoint funcionando no navegador

Estilos de formatação ▉

{"status":"UP","javaVersion":"21.0.8","timestamp":"2025-10-27T19:47:51.648539500","service":"Delivery API"}

'