



CẤU TRÚC THƯ MỤC CỦA DỰ ÁN SPRING

Project

- helloworld C:\Users\Windows\OneDrive\Youtube\Spring\src\helloworld
 - .idea
 - .gitignore
 - compiler.xml
 - encodings.xml
 - jarRepositories.xml
 - misc.xml
 - workspace.xml
 - .mvn
 - wrapper
 - maven-wrapper.jar
 - maven-wrapper.properties
 - src
 - main
 - java
 - vn.titv.spring.helloworld
 - HelloWorldApplication
 - HelloWorldController
 - resources
 - test
 - java
 - vn.titv.spring.helloworld
 - HelloWorldApplicationTests
 - target
 - .gitignore
 - HELP.md
 - mvnw
 - mvnw.cmd
 - pom.xml
 - External Libraries
 - Scratches and Consoles

▼  .idea

  .gitignore

  compiler.xml


  encodings.xml


  jarRepositories.xml

  misc.xml

  workspace.xml

▼  .mvn

▼  wrapper

 maven-wrapper.jar


 maven-wrapper.properties


- ▼ src
 - ▼ main
 - ▼ java
 - ▼ vn.titv.spring.helloworld
 - ◉ HelloworldApplication
 - ◉ HelloWorldController
 - > resources
 - ▼ test
 - ▼ java
 - ▼ vn.titv.spring.helloworld
 - ◉ HelloworldApplicationTests

- ▼ target
 - ▼ classes
 - > vn
 - application.properties
 - ▼ generated-sources
 - annotations

 .gitignore

  HELP.md

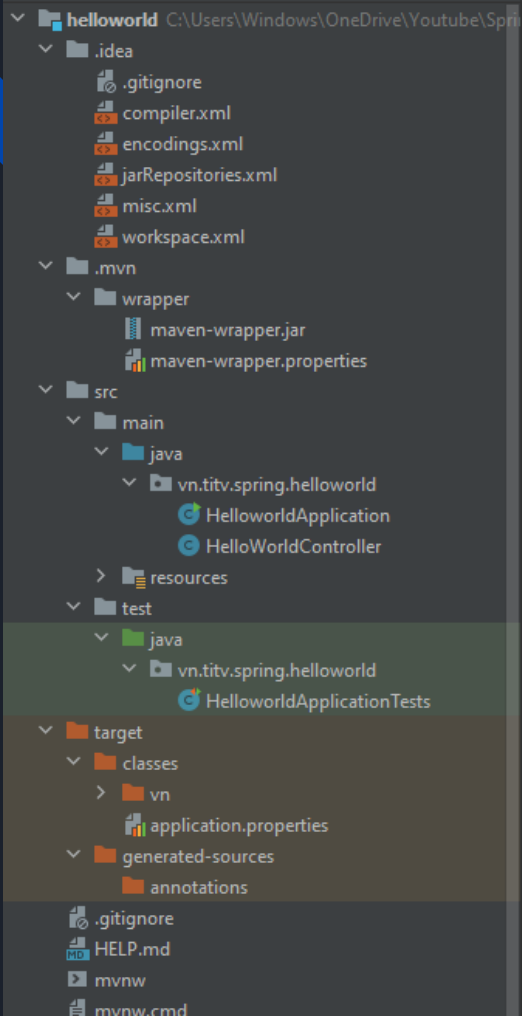
 mvnw

 mvnw.cmd

 pom.xml

>  External Libraries

 Scratches and Consoles



```
11 <groupId>vn.titv.spring</groupId>
12 <artifactId>helloworld</artifactId>
13 <version>0.0.1-SNAPSHOT</version>
14 <name>helloworld</name>
15 <description>Demo project for Spring Boot</description>
16 <properties>
17     <java.version>17</java.version>
18 </properties>
19 <dependencies>
20     <dependency>
21         <groupId>org.springframework.boot</groupId>
22         <artifactId>spring-boot-starter-web</artifactId>
23     </dependency>
24     <dependency>
25         <groupId>org.springframework.boot</groupId>
26         <artifactId>spring-boot-starter-test</artifactId>
27         <scope>test</scope>
28     </dependency>
29 </dependencies>
30 <build>
31     <plugins>
32         <plugin>
33             <groupId>org.springframework.boot</groupId>
34             <artifactId>spring-boot-maven-plugin</artifactId>
35         </plugin>
36     </plugins>
37 </build>
38
39 </project>
```

resources

static

templates

application.properties

images

logo.png

kirupa.jpeg

dancing_banana.gif

scripts

animation.js

styles

default.css

theme.css

index.html

icon.png

resources

static

templates

application.properties



Thymeleaf



Spring Thyme

SEEDSTARTER MANAGER

Seed Starter List

Date planted	Covered	Type	Features	Rows	
03/20/2011	yes	Wood	Seed starter-specific substrate, PH Corrector used	1	Thymus vulgaris 10
				2	Thymus pseudolagynos 15
				3	Thymus x citriodorus 20
03/25/2011	no	Plastic	Fertilizer used	1	Thymus herba borealis 5
				2	Thymus serpyllum 10

Add new Seed Starter

Seed starter data

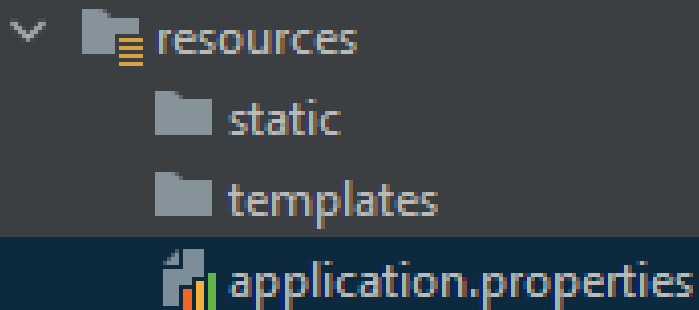
Date planted (###/##/####) 04/05/2011

Covered ☐

Type Plastic

Features

- ☐ Seed starter-specific substrate
- ☐ Fertilizer used
- ☐ PH Corrector used



Cấu hình cơ sở dữ liệu

spring.datasource.url=jdbc:mysql://localhost:3306/mydatabase

spring.datasource.username=root

spring.datasource.password=123456

Cấu hình cổng server

server.port=8080

Cấu hình giao diện Thymeleaf

spring.thymeleaf.prefix=/WEB-INF/views/

spring.thymeleaf.suffix=.html

Cấu hình gửi email

spring.mail.host=smtp.gmail.com

spring.mail.port=587

spring.mail.username=myemail@gmail.com

spring.mail.password=mypassword

Cấu hình logging

logging.level.org.springframework=INFO


logging.level.com.example=DEBUG



Thực hành

Cấu hình cổng: 8888

Lấy dữ liệu một số thông tin trong file `application.properties` và xuất ra màn hình chương trình chính.



```
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;
```

```
@SpringBootApplication
```

```
@RestController
```

```
public class MySpringAppApplication {
```

```
    public static void main(String[] args) {
        SpringApplication.run(MySpringAppApplication.class, args);
    }
```

```
    @GetMapping("/hello")
```

```
    public String hello() {
        return "Hello, Spring Boot!";
```

```
    }
```

```
}
```