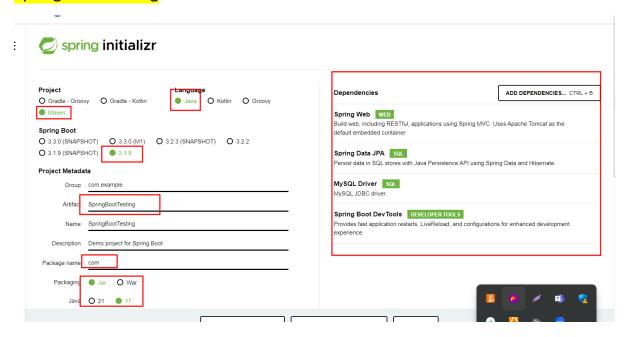
# **Spring boot Testing**



If we want to do the testing for controller

Controller depends upon service

Service depends upon dao or repository

Dao or repository depends upon database. With table and records.

Controller want to do mock for service layer.

Α	В	1500 Rs		
A	C	2000 1.0		
A	C			
Α	D			
В	С			
В	D			
Project 1				
Eureka Server → 8761				
Starter : Eureka and Web Starter				

Book cab micro service-→ 8181						
Web Starter	@controller	view can be thymeleaf or jsp				
Thymeleaf						
Eureka Client						
JPA Starter						
Mysql starter						
Dev tools						

Booking table					
Bid	Name	DateAndTime	Fare	etc	

Book cab micro service going to communicate fare micro service to get the fake base upon A to B distance.

View

As JSP or Thymeleaf then @Controller

View as

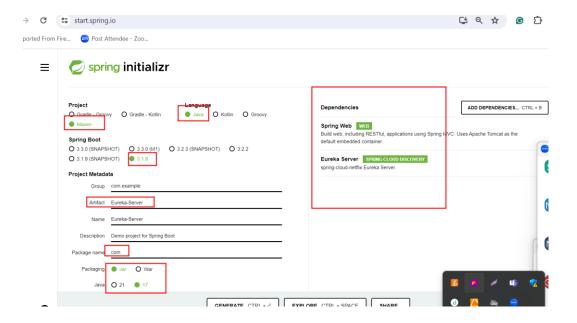
Angular then @RestController

https://start.spring.io/

Project 1

Eureka Server → 8761

Starter : Eureka and Web Starter



### In application.properties file

```
server.port=8761
eureka.client.register-with-eureka=false
eureka.client.fetch-registry=false
```

#### Main class

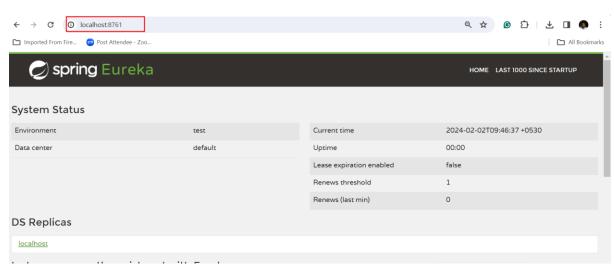
package com;

import org.springframework.boot.SpringApplication; import org.springframework.boot.autoconfigure.SpringBootApplication; import org.springframework.cloud.netflix.eureka.server.EnableEurekaServer;

@SpringBootApplication

@EnableEurekaServer

public class EurekaServerApplication {



Book cab micro service-→ 8181

Web Starter @controller view can be thymeleaf or jsp

Thymeleaf

Eureka Client

JPA Starter

Mysql starter

Dev tools

Booking table

Bid Name DateAndTime Fare etc

Book cab micro service going to communicate fare micro service to get the fake base upon A to B distance.

Calculate fake micro service -→ 8282

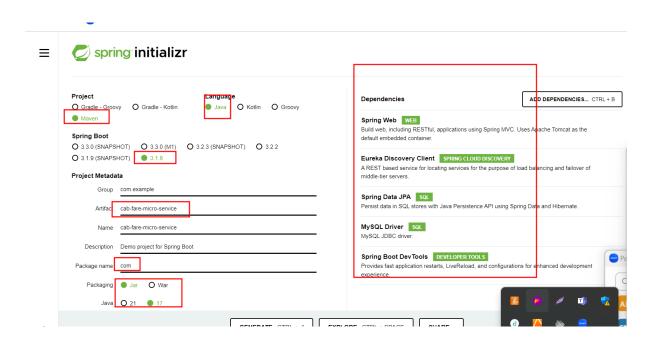
Web Starter @rest controller

**Eureka Client** 

JPA Starter

Mysql starter

Dev tools



### application.properties

```
server.port=8282
spring.application.name=cab-fare-micro-service
spring.datasource.driver-class-
name=com.mysql.cj.jdbc.Driver
```

```
spring.datasource.url=jdbc:mysql://localhost:3306/cab
_fare
spring.datasource.username=root
spring.datasource.password=root@123
spring.jpa.hibernate.ddl-auto=update
```

## Cab Fare

### Table

From	То	type of Cab	fare
Α	В	Innova	8000
Α	В	swift	6500