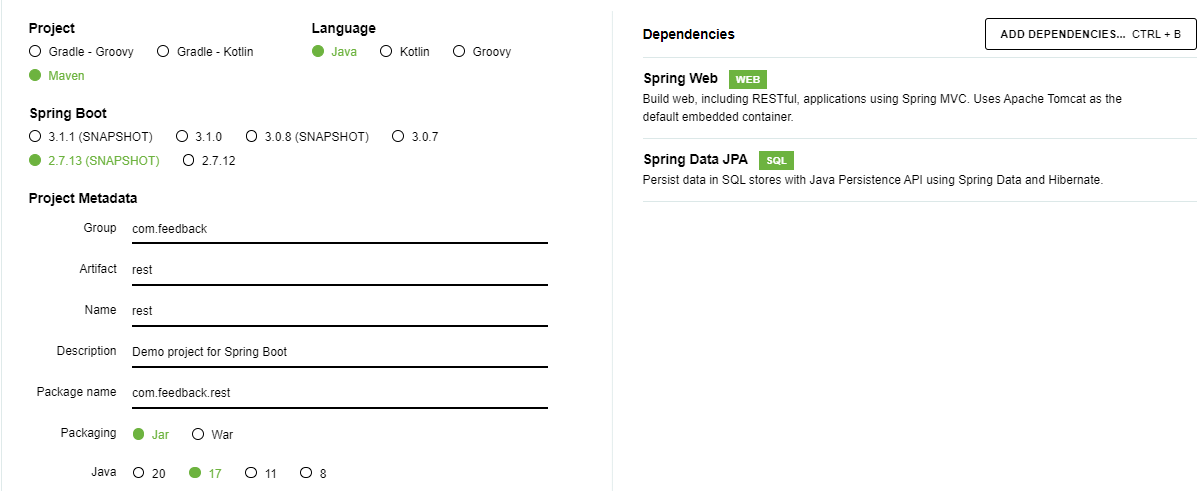
**Source code of Displaying User Feedback using sprint boot application with REST:-**

**Initially create a spring starter project with following configurations**

****

**Here I used a MySQL connection in application properties.**

**After compilation of code run** [**http://localhost:8080**](http://localhost:8080) **on local machine**

**Java files :-**

**Feedback.java**

**package** com.feedback.rest;

**import** javax.persistence.Entity;

**import** javax.persistence.GeneratedValue;

**import** javax.persistence.GenerationType;

**import** javax.persistence.Id;

@Entity

**public** **class** Feedback {

@Id

@GeneratedValue(strategy=GenerationType.***IDENTITY***)

**int** id;

String name;

String feed\_back;

**public** Feedback(String name, String feed\_back) {

**this**.name = name;

**this**.feed\_back = feed\_back;

}

@Override

**public** String toString() {

**return** "Feedback [id=" + id + ", name=" + name + ", feed\_back=" + feed\_back + "]";

}

}

**FeedbackController.java**

**package** com.feedback.rest;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.web.bind.annotation.PostMapping;

**import** org.springframework.web.bind.annotation.RequestMapping;

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

@RestController

**public** **class** FeedbackController {

**private** **final** FeedbackCrud dao;

@Autowired

**public** FeedbackController(FeedbackCrud dao) {

**this**.dao = dao;

}

@PostMapping

@RequestMapping("/")

**public** **void** home(HttpServletRequest request,HttpServletResponse response) **throws** IOException {

PrintWriter out=response.getWriter();

out.print("<!DOCTYPE html>\r\n"

+ "<html>\r\n"

+ "<head>\r\n"

+ "<meta charset=\"ISO-8859-1\">\r\n"

+ "<title>Insert title here</title>\r\n"

+ "</head>\r\n"

+ "<body align='center'>\r\n<h1>Enter Your Feedback</h1>"

+ " <form action=\"addFeedback\" method='post'>\r\n"

+ " Enter your name : <input type=\"text\" name=\"name\" required><br><br>\r\n"

+ " Enter feedback : <textarea name=\"feedback\" rows=\"10\" cols=\"50\" required></textarea><br><br>\r\n"

+ " <input type=\"submit\" name=\"enter\" value=\"submit feedback\">\r\n"

+ " </form> \r\n"

+ " \r\n"

+ "</body>\r\n"

+ "</html>");

}

@PostMapping

@RequestMapping("/addFeedback")

**public** **void** addFeedback(HttpServletRequest request,HttpServletResponse response) **throws** IOException {

Feedback f=**new** Feedback(request.getParameter("name"),request.getParameter("feedback"));

dao.save(f);

PrintWriter out=response.getWriter();

out.print("<h1 align=\"center\" style=\"color:green\">Thank you for your feedback!</h1>");

}

}

**FeedbackCrud.java**

**package** com.feedback.rest;

**import** org.springframework.data.jpa.repository.JpaRepository;

**public** **interface** FeedbackCrud **extends** JpaRepository<Feedback, Long> {

}

**RestApplication.java**

**package** com.feedback.rest;

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

**import** org.springframework.boot.builder.SpringApplicationBuilder;

**import** org.springframework.boot.web.servlet.support.SpringBootServletInitializer;

**import** org.springframework.context.ConfigurableApplicationContext;

@SpringBootApplication

**public** **class** RestApplication **extends** SpringBootServletInitializer

{

@Override

**protected** SpringApplicationBuilder configure(SpringApplicationBuilder builder) {

**return** builder.sources(RestApplication.**class**);

}

**public** **static** **void** main(String[] args) {

SpringApplication.*run*(RestApplication.**class**, args);

}

}

**application.properties :-**

**application.properties**

spring.jpa.hibernate.ddl-auto=update

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

spring.datasource.username=root

spring.datasource.password=9014803544

spring.datasource.driver-class-name=com.mysql.jdbc.Driver

spring.jpa.show-sql: true

**XML :-**

**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>2.7.13-SNAPSHOT</version>

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

</parent>

<groupId>com.feedback</groupId>

<artifactId>rest</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>rest</name>

<description>Demo project for Spring Boot</description>

<properties>

<java.version>17</java.version>

</properties>

<dependencies>

<dependency>

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

<artifactId>spring-boot-starter-data-jpa</artifactId>

</dependency>

<dependency>

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

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

</dependency>

<!-- https://mvnrepository.com/artifact/org.apache.tomcat/tomcat-jasper -->

<dependency>

<groupId>org.apache.tomcat</groupId>

<artifactId>tomcat-jasper</artifactId>

<version>9.0.76</version>

</dependency>

<dependency>

<groupId>org.apache.tomcat.embed</groupId>

<artifactId>tomcat-embed-jasper</artifactId>

<version>9.0.76</version>

<scope>provided</scope>

</dependency>

<dependency>

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

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

<version>2.4.4</version>

<scope>provided</scope>

</dependency>

<dependency>

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

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

<scope>test</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.31</version>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

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

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

</plugin>

</plugins>

</build>

<repositories>

<repository>

<id>spring-milestones</id>

<name>Spring Milestones</name>

<url>https://repo.spring.io/milestone</url>

<snapshots>

<enabled>false</enabled>

</snapshots>

</repository>

<repository>

<id>spring-snapshots</id>

<name>Spring Snapshots</name>

<url>https://repo.spring.io/snapshot</url>

<releases>

<enabled>false</enabled>

</releases>

</repository>

</repositories>

<pluginRepositories>

<pluginRepository>

<id>spring-milestones</id>

<name>Spring Milestones</name>

<url>https://repo.spring.io/milestone</url>

<snapshots>

<enabled>false</enabled>

</snapshots>

</pluginRepository>

<pluginRepository>

<id>spring-snapshots</id>

<name>Spring Snapshots</name>

<url>https://repo.spring.io/snapshot</url>

<releases>

<enabled>false</enabled>

</releases>

</pluginRepository>

</pluginRepositories>

</project>