# **UserFeedbackApplication.java**

**package** com.simplilearn.demo;

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

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

**import** org.springframework.context.annotation.ComponentScan;

@SpringBootApplication

@ComponentScan("com.simplilearn.demo")

**public** **class** UserFeedbackApplication {

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

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

}

}

# **UserEntity.java**

**package** com.simplilearn.demo;

**import** java.util.Date;

**public** **class** UserEntity {

**private** **long** ID;

**private** String name;

**private** String feedback;

**private** Date date\_added;

**public** **long** getID() {

**return** ID;

}

**public** **void** setID(**long** iD) {

ID = iD;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getFeedback() {

**return** feedback;

}

**public** **void** setFeedback(String feedback) {

**this**.feedback = feedback;

}

**public** Date getDateAdded() {

**return** date\_added;

}

**public** **void** setDateAdded(Date date\_added) {

**this**.date\_added = date\_added;

}

@Override

**public** String toString() {

**return** "UserEntity [ID=" + ID + ", name=" + name + ", feedback=" + feedback + ", date\_added=" + date\_added + "]";

}

}

# **UserFeedbackDAO.java**

package com.simplilearn.demo;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.List;

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

import org.springframework.jdbc.core.BeanPropertyRowMapper;

import org.springframework.jdbc.core.JdbcTemplate;

import org.springframework.jdbc.core.RowMapper;

import org.springframework.stereotype.Repository;

@Repository

public class UserFeedbackDAO {

@Autowired

JdbcTemplate template;

// setter method

public void setTemplate(JdbcTemplate template) {

this.template = template;

}

public List<UserEntity> getUser() {

return template.query("select \* from feedback", new RowMapper<UserEntity>() {

public UserEntity mapRow(ResultSet rs, int row) throws SQLException {

UserEntity e = new UserEntity();

e.setID(rs.getInt(1));

e.setName(rs.getString(2));

e.setFeedback(rs.getString(3));

e.setDateAdded(rs.getDate(4));

return e;

}

});

}

public int addUser(UserEntity user) {

return template.update("INSERT INTO feedback (ID, name, feedback, date\_added) VALUES(?,?,?,?)",

new Object[] { user.getID(), user.getName(), user.getFeedback(), user.getDateAdded() });

}

public UserEntity getByName(String name) {

UserEntity entity = template.queryForObject("select \* from feedback where name=?",

BeanPropertyRowMapper.newInstance(UserEntity.class), name);

return entity;

}

}

# **MainController.java**

package com.simplilearn.demo;

import java.util.List;

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

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

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

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

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

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

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

@RestController

public class MainController {

@Autowired

UserFeedbackDAO userFeedbackDAO;

//@GetMapping("/listUsers")

@RequestMapping(value = "/listUsers", method = RequestMethod.GET)

public List<UserEntity> listUsers() {

List<UserEntity> list = userFeedbackDAO.getUser();

return list;

}

@PostMapping("/addUser")

public String addUser(@RequestBody UserEntity entity) {

if (userFeedbackDAO.addUser(entity)>0) {

return "Data inserted";

}

else {

return "Error while inserting data";

}

}

}