1. You Created **path** *src/main/java/com/example/springboot/Model* and now create **UserRepoitory.java** class inside this folder.
2. On the UserController.java class, **auto wire** UserRepository.java class and use it to **save** sign up details to the MySQL table.

@Autowired UserRepository userRepository;

PostMapping("signup")

public String getSignup(UserEntity user) {

System.out.println("Firstname: "+user.getFirstname());

System.out.println("Lastname: "+user.getLastname());

System.out.println("Usertname: "+user.getUsername());

System.out.println("Password: "+user.getPassword());

userRepository.save(user);

return "redirect:/";

}

1. Check the table created on terminal/ command prompt by login to your MySQL
   1. mysql -u username -p
   2. *then* password
   3. use database;
   4. show tables;
   5. describe table;

After submitting your sign up:

* 1. Select \* from table;

At this point, you should not get empty results

1. Use the repository method **existsByUsernameAndPassword** to login,
   1. Create this method in the repository class
   2. Create GET and Post method in the controller class

@GetMapping("login")

public String login() {

return "login";

}

@PostMapping("login")

public String getLogin(HttpServletRequest request) {

System.out.println("Username: "+request.getParameter("username"));

System.out.println("Password: "+request.getParameter("password"));

if(userRepository.existsByUsernameAndPassword(request.getParameter("username"), request.getParameter("password"))){

System.out.println("Login success");

return "redirect:/";

}

else{

System.out.println("Login failure");

return "login";

}

}

User login will be avalaible at **localhost:9090/login**

UserRepository.java:

package com.example.springboot.Model;

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

import org.springframework.stereotype.Repository;

/\*\*

\*

\* @author anda

\*/

@Repository

public interface UserRepository extends JpaRepository<UserEntity, Long> {

Boolean existsByUsernameAndPassword(String username, String password);

}

UserController.java:

package com.example.springboot.Controller;

import javax.servlet.http.HttpServletRequest;

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

import org.springframework.stereotype.Controller;

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

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

import com.example.springboot.Model.UserEntity;

import com.example.springboot.Model.UserRepository;

@Controller

public class UserController {

@Autowired UserRepository userRepository;

@GetMapping("signup")

public String signup() {

return "signup";

}

@PostMapping("signup")

public String getSignup(UserEntity user) {

System.out.println("Firstname: "+user.getFirstname());

System.out.println("Lastname: "+user.getLastname());

System.out.println("Usertname: "+user.getUsername());

System.out.println("Password: "+user.getPassword());

userRepository.save(user);

return "redirect:/";

}

@GetMapping("login")

public String login() {

return "login";

}

@PostMapping("login")

public String getLogin(HttpServletRequest request) {

System.out.println("Username: "+request.getParameter("username"));

System.out.println("Password: "+request.getParameter("password"));

if(userRepository.existsByUsernameAndPassword(request.getParameter("username"), request.getParameter("password"))){

System.out.println("Login success");

return "redirect:/";

}

else{

System.out.println("Login failure");

return "login";

}

}

}