

```
1 package com.simplilearn.service;
2
3 import java.util.List;
11
12 @Service
13 public class UserServiceImp implements UserService {
14
15     @Autowired
16     private UserRepository userRepository;
17
18     @Override
19     public List<User> userList() {
20         return (List<User>) userRepository.findAll();
21     }
22
23     @Override
24     public List<User> save(User user) {
25         userRepository.save(user);
26         return userList();
27     }
28
29     @Override
30     public void updateuser(User user, long id) {
31
32         userRepository.save(user);
33     }
34
35     @Override
36     public void deleteuser(long id) {
37         userRepository.deleteById(id);
38     }
39
40
41     @Override
42     public Optional<User> getById(long id) {
43         return userRepository.findById(id);
44     }
45
46     public List<User> getByEmail(String email){
47
48         return userRepository.getByemail(email);
49     }
50
51     @Override
52     public String verifyUser(User user) {
53         List<User> users = getByEmail(user.getEmail());
54         User userfound = users.get(0);
55         if (userfound!=null && userfound.getPassword().equals(user.getPassword())) {
56             return userfound.getRole();
57         }else {
58             return null;
59         }
60
61     }
62
63 }
64
```