Code :

```java
public class User
{
                        private static ArrayList<User> users = new ArrayList<>();
                            private String email, password;
                            public static User currentUser;

                            public User(){
                                users.add(new User("vgachu19","aChu"));
                                users.add(new User("admin","admin"));
                                users.add(new User("vijay","vijay1998"));
                              // users.add(new User("vgachu19","aChu"));

                            }

                            public User(String email, String password) {
                                this.email = email;
                                this.password = password;
                            }

                            public String getEmail() {
                                return email;
                            }

                            public String getPassword() {
                                return password;
                            }

                            public void setEmail(String email) {
                                this.email = email;
                            }

                            public void setPassword(String password) {
                                this.password = password;
                            }

                            public static int getUser(String name, String password){
                                int result = 0;
                                for(User user : User.users){
                                    //System.out.print(user);
                                    if(user.email.equals(name) &&
                        user.password.equals(password)){
```

```
                        User.currentUser = user;
                        //result = 1;
                        return 1;
                    }
                }
                return result;
            }


            @Override
            public String toString() {
                return "User{" + "email=" + email + ", password=" + password
+ '}';
            }


        }
```

Comments :

In the above User class, I have maintained a list of user object and function #getUser() for login purpose,
So according SRP
I want to split class as
User - data class for user details
UserOperations - class for managing list of users with functions like add, modify, delete, fetch user
details.