

System pro správu 3D tisku

Testers

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Test interfaces

```
import db.abstr.facades.IAbstractFacade;
import db.entities.User;
import javax.swing.text.AbstractDocument;

/**
 *
 * @author okalman
 */
public interface IUserFacade extends IAbstractFacade<User>{

    boolean existsUser(String login);

    User getUserByLogin(String login);

}
```

Testing class

```
public class ManageUsersTest {  
  
    IUserFacade facade;  
    ManageUsers manager;  
    LogForm logForm;  
    RegForm regForm;  
    @Before  
    public void setUp() {  
        facade = new IUserFacade() {  
            User user= new User();  
            ArrayList<User>list = new ArrayList<User>();  
  
            void IUserFacade(){  
                user.setEmail("neco@neco.com");  
                user.setId(Integer.SIZE);  
                user.setLogin("User");  
                user.setPassHash("user");  
                user.setRole(1);  
                user.setName("Jmeno");  
                user.setSurname("Prijmeni");  
            }  
        }  
    }  
}
```


Login user

```
@Test
public void testLoginExistingUser() {
    logForm= new LogForm();
    logForm.setLogin("User");
    logForm.setPass("user");
    assertTrue("Login for existing user failed: ", manager.loginUser(logForm));
}

@Test
public void testLoginNonExistingUser() {
    logForm= new LogForm();
    logForm.setLogin("nekdo");
    logForm.setPass("user");
    assertFalse("Login for non-existing user failed: ", manager.loginUser(logForm));
}
```

Create valid user

```
@Test
public void createValidUserTest(){
    regForm = new RegForm();
    regForm.setEmail("neco@neco.com");
    regForm.setId(new Long(2));
    regForm.setLogin("User2");
    regForm.setPass("ahoj");
    regForm.setRole(1);
    regForm.setName("Jmeno");
    regForm.setSurname("Prijmeni");

    try{
        assertTrue("Vytvoreni validniho uzivatele selhalo",manager.createUser(regForm));
    }catch(Exception e){
        // ok vyjimka je taky akceptovatelna
    }
}
```

Create invalid user

```
@Test
public void createInvalidUserTest(){
    regForm = new RegForm();
    regForm.setEmail("neco@neco.com");
    regForm.setRole(1);
    regForm.setName("Jmeno");
    regForm.setSurname("Prijmeni");

    try{
        assertTrue("Vytvoreni nevalidniho uzivatele neselhalo",manager.createUser(regForm));
    }catch(Exception e){
        // ok vyjimka je taky akceptovatelna
    }
}
```