

Files Projects Services

pom.xml [MedicByte] x SpecialityServiceImplTest.java x Application.java x Container.java x

AppointmentService
AuthService
MedicService
PatientService
RoleService
SpecialityService
UserService
util
 IOUtils.java
 MedicModelSerializer.java
 PathUtils.java
 StringUtils.java
 UserModelDeserializer.java
 UserModelSerializer.java
 view
Test Packages

testGetAllSpecialities - Navigator x

Members <empty>

SpecialityServiceImplTest
 SpecialityServiceImplTest()
 testGetAllSpecialities()

Source History

```
11 import static org.junit.jupiter.api.Assertions.*;
12
13 /**
14  *
15  * @author Andres Jonathan J.
16  */
17 public class SpecialityServiceImplTest {
18     private Injector injector;
19
20     public SpecialityServiceImplTest() {
21         injector = Guice.createInjector(new MainModule());
22     }
23
24     /**
25      * Test of getAllSpecialities method, of class SpecialityServiceImpl.
26      */
27     @Test
28     public void testGetAllSpecialities() {
29         SpecialityService instance = injector.getInstance(SpecialityService.class);
30         List<Speciality> actual = instance.getAllSpecialities();
31
32         System.out.println(actual.isEmpty());
33         assertFalse(actual.isEmpty());
34     }
35 }
```

Test Results

ec.edu.espe.MedicByte:jar:1.2 (Unit) x

Tests passed: 0.00 % true

No test passed, 1 test failed. (0.161 s)

ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest Failed

ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testGetAllSpecialities - Failed: expected: <false> but was: <true>

expected: <false> but was: <true>

org.opentest4j.AssertionFailedError

at org.junit.jupiter.api.AssertionUtils.fail(AssertionUtils.java:55)

at org.junit.jupiter.api.AssertFalse.assertFalse(AssertFalse.java:40)

Output Test Results

32:39 IN

C:\Windows\system32\cmd.exe

[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ MedicByte ---

[INFO] Surefire report directory: C:\Users\jon_m\workspace\code\MedicByte@beta\06-Code\target\surefire-reports

TESTS

jul 12, 2020 9:10:21 PM org.jline.utils.Log logr

ADVERTENCIA: Unable to create a system terminal, creating a dumb terminal (enable debug logging for more information)

Running ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest

Tests run: 5, Failures: 1, Errors: 0, Skipped: 0, Time elapsed: 0.256 sec <<< FAILURE!

ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testSpecialityByName() Time elapsed: 0.1 sec <<< FAILURE!

org.opentest4j.AssertionFailedError: expected: not <null>

at org.junit.jupiter.api.AssertionsUtils.fail(AssertionsUtils.java:39)

at org.junit.jupiter.api.Assertions.fail(Assertions.java:109)

at org.junit.jupiter.api.AssertNotNull.failNull(AssertNotNull.java:47)

at org.junit.jupiter.api.AssertNotNull.assertNotNull(AssertNotNull.java:36)

at org.junit.jupiter.api.AssertNotNull.assertNotNull(AssertNotNull.java:31)

at org.junit.jupiter.api.Assertions.assertNotNull(Assertions.java:283)

at ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testSpecialityByName(SpecialityServiceImplTest.java:66)

Results :

Failed tests: ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testSpecialityByName(): expected: not <null>

Tests run: 5, Failures: 1, Errors: 0, Skipped: 0

[INFO] -----

[INFO] BUILD FAILURE

[INFO] -----

[INFO] Total time: 5.716 s

[INFO] Finished at: 2020-07-12T21:10:22-05:00

[INFO] -----

[ERROR] Failed to execute goal org.apache.maven.plugins:maven-surefire-plugin:2.12.4:test (default-test) on project MedicByte: There are test failures.

[ERROR]

[ERROR] Please refer to C:\Users\jon_m\workspace\code\MedicByte@beta\06-Code\target\surefire-reports for the individual test results.

[ERROR] -> [Help 1]

[ERROR]

[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.

[ERROR] Re-run Maven using the -X switch to enable full debug logging.

[ERROR]

[ERROR] For more information about the errors and possible solutions, please read the following articles:

[ERROR] [Help 1] <http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException>

C:\Users\jon_m\workspace\code\MedicByte@beta\06-Code>

MedicByte - Apache NetBeans IDE 12.0

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Search (Ctrl+I)

<default config> 320.77/515.5MB Resume (pending events: 77)

Files Projects Services

- common
- controller
- model
- service
 - impl
 - AppointmentServiceImpl
 - AuthServiceImpl
 - MedicServiceImpl
 - PatientServiceImpl
 - RoleServiceImpl
 - SpecialityServiceImpl
 - UserServiceImpl
 - AppointmentService
 - AuthService
 - MedicService
 - PatientService

Navigator

Members

- SpecialityServiceImplTest
 - SpecialityServiceImplTest()
 - testAddSpeciality()

```
40 Speciality actual = specialities.get(0);
41
42 assertNotNull(actual.getId());
43 assertNotNull(actual.getName());
44 }
45
46 @Test
47 public void testSpecialityById() {
48     SpecialityService instance = new SpecialityServiceImpl();
49     Speciality actual = instance.getSpeciality(1);
50
51     assertNotNull(actual);
52 }
53
54 @Test
55 public void testSpecialityByName() {
56     SpecialityService instance = new SpecialityServiceImpl();
57     Speciality actual = instance.getSpeciality("Odontology");
58     String expected = "Odontology";
59
60     assertNotNull(actual);
61     assertEquals(actual.getName(), expected);
62 }
63 }
```

Test Results

ec.edu.espe.MedicByte:jar:1.2 (Unit)

Tests passed: 100.00 %

All 5 tests passed. (0.56 s)

- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest passed
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testSpecialityFields passed (0.33)
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testSpecialityByName passed (0)
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testAddSpeciality passed (0.112)
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest.testSpecialitiesNotEmpty passed

Tests (5) finished successfully for project: MedicByte

[Open Test Results Window](#)

Output Test Results

34:6 INS

MedicByte - Apache NetBeans IDE 12.0

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Search (Ctrl+I)

<default config> 286.9/589.5MB Resume (pending events: 69)

Files Projects Services

MedicByte

- Source Packages
 - ec.edu.espe.medicbyte
 - common
 - controller
 - model
 - service
 - impl
 - AppointmentServiceImpl
 - AuthServiceImpl
 - MedicServiceImpl
 - PatientServiceImpl
 - RoleServiceImpl
 - SpecialityServiceImpl
 - UserServiceImpl
 - AppointmentService

createRole - Navigator

Source History

```
40
41 @Test
42 public void testaddRole() {
43     RoleService instance = new RoleServiceImpl()
44     instance.createRole("Moderator");
45
46     assertTrue(instance.createRole("Moderator"))
47     assertTrue(instance.roleExists("Moderator"))
48 }
49
50 @Test
51 public void testRoleAttributes() {
52     RoleService instance = new RoleServiceImpl()
53     Role actual = instance.getRole(1);
54
55     assertNotNull(actual.getId());
56     assertNotNull(actual.getName());
57 }
58
```

Source History

```
27
28 @Override
29 public boolean createRole(String name, List<Per
30     List<Role> roles = getAllRoles();
31     Role role = new Role(name);
32
33     if (roleExists(name)) {
34         return false;
35     }
36
37     role.setId(getTotalRoles() + 1);
38     role.setPermissions(permissions);
39     roles.add(role);
40
41     return true;
42 }
43
44 @Override
45 public boolean createRole(String name) {
46     return createRole(name, new ArrayList<>());
47 }
```

Test Results

ec.edu.espe.MedicByte:jar:1.2 (Unit)

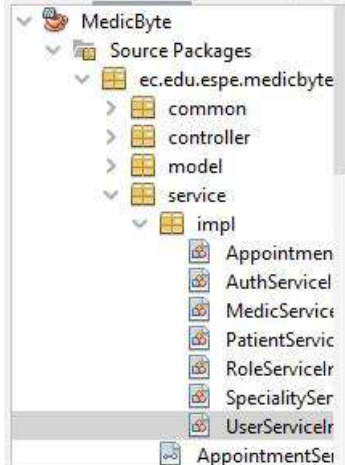
Tests passed: 90.00 %

9 tests passed, 1 test failed. (0.462 s)

- ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest Failed
 - ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest.testRolesJsonExists passed (0.02 s)
 - ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest.testRolesJsonValid passed (0.147 s)
 - ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest.testRolesNotEmpty passed (0.216 s)
 - ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest.testRoleAttributes passed (0.025 s)
 - ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest.testaddRole Failed: expected: <true> but was: <false>
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest passed

Output Test Results

1 39:25 INS



```
Source History
41 @Test
42 public void testaddRole() {
43     RoleService instance = new RoleServiceImpl();
44
45     assertTrue(instance.createRole("Moderator"));
46     assertTrue(instance.roleExists("Moderator"));
47 }
48
49 @Test
50 public void testRoleAttributes() {
51     RoleService instance = new RoleServiceImpl();
52     Role actual = instance.getRole(1);
53
54     assertNotNull(actual.getId());
55     assertNotNull(actual.getName());
56 }
57
58 @Test void testTotalRoles() {
59     RoleService instance = new RoleServiceImpl();
```

```
Source History
29
30 @Override
31 public boolean createRole(String name, List<Permissi
32     List<Role> roles = getAllRoles();
33     Role role = new Role(name);
34
35     if (roleExists(name)) {
36         return false;
37     }
38
39     role.setId(getTotalRoles() + 1);
40     role.setPermissions(permissions);
41     roles.add(role);
42
43     String content = gson.toJson(roles.toArray());
44     File jsonFile = PathUtils.currentPath("data/roles
45
46     try {
47         Files.write(content.getBytes(), jsonFile);
```

Tests passed: 100.00 %

All 10 tests passed. (0.553 s)

- > ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest passed
- > ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest passed

MedicByte - Apache NetBeans IDE 12.0

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Search (Ctrl+I)

<default config> 528.2/659.51MB Resume (pending events: 69)

Files Projects Services pom.xml [MedicByte] MedicServiceImplTest.java

Test Packages

- ec.edu.espe.medicbyte.service.impl
 - MedicServiceImplTest.java
 - RoleServiceImplTest.java
 - SpecialityServiceImplTest.java
 - UserServiceImplTest.java

Dependencies

- Test Dependencies
 - hamcrest-all-1.3.jar
 - junit-jupiter-api-5.6.2.jar
 - apiguardian-api-1.1.0.jar
 - junit-platform-commons-1.6.2.jar
 - opentest4j-1.2.0.jar
- Java Dependencies
- Project Files

```
50 public void testAddMedic() {
51     SpecialityService specialityService = new SpecialityServiceImpl();
52     RoleService roleService = new RoleServiceImpl();
53     UserService userService = new UserServiceImpl(roleService);
54     MedicService instance = new MedicServiceImpl(userService, specialityService);
55
56     String username = "mockup_medic_username";
57     String fullName = "mockup_medic_fullName";
58     String salt = BCrypt.gensalt();
59     String password = BCrypt.hashpw("mockup_medic_password", salt);
60
61     userService.createUser(username, password, roleService.getRole("medic"));
62     User user = userService.getUser("mockup_medic_username");
63
64     instance.addMedic(user, specialityService.getSpeciality(1), fullName);
65
66     User foundUser = userService.getUser("mockup_medic_username");
```

Test Results

ec.edu.espe:MedicByte:jar:1.2 (Unit) X

Tests passed: 94.44 %

17 tests passed, 1 test failed. (1.622 s)

- ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest Failed
 - ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest.testMedicsJsonExists passed (0.02 s)
 - ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest.testMedicsValidJson passed (0.147 s)
 - ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest.testMedicsListNotEmpty passed (0.315 s)
 - ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest.testAddMedic Failed: No value present
 - No value present
 - java.util.NoSuchElementException
 - at java.util.Optional.get(Optional.java:135)
 - at ec.edu.espe.medicbyte.service.impl.MedicServiceImpl.getMedic(MedicServiceImpl.java:54)
 - at ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest.testAddMedic(MedicServiceImplTest.java:73)
- ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest passed
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest passed

Output Test Results

71:40 INS

MedicByte - Apache NetBeans IDE 12.0

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Search (Ctrl+I)

<default config> 585.4/660.0MB Resume (pending events: 69)

Files Projects Services pom.xml [MedicByte] MedicServiceImplTest.java

Test Packages

- ec.edu.espe.medicbyte.service.impl
 - MedicServiceImplTest.java
 - RoleServiceImplTest.java
 - SpecialityServiceImplTest.java
 - UserServiceImplTest.java

Dependencies

- Test Dependencies
 - hamcrest-all-1.3.jar
 - junit-jupiter-api-5.6.2.jar
 - apiguardian-api-1.1.0.jar
 - junit-platform-commons-1.6.2.jar
 - opentest4j-1.2.0.jar
- Java Dependencies
- Project Files

testAddMedic - Navigator

Members

- MedicServiceImplTest
 - MedicServiceImplTest()
 - testAddMedic()

```
50 public void testAddMedic() {
51     SpecialityService specialityService = new SpecialityServiceImpl();
52     RoleService roleService = new RoleServiceImpl();
53     UserService userService = new UserServiceImpl(roleService);
54     MedicService instance = new MedicServiceImpl(userService, specialityService);
55
56     String username = "mockup_medic_username";
57     String fullName = "mockup_medic_fullName";
58     String salt = BCrypt.gensalt();
59     String password = BCrypt.hashpw("mockup_medic_password", salt);
60
61     userService.createUser(username, password, roleService.getRole("medic"));
62     User user = userService.getUser("mockup_medic_username");
63
64     instance.addMedic(user, specialityService.getSpeciality(1), fullName);
65
66     User foundUser = userService.getUser("mockup_medic_username");
67     Medic medic = instance.getMedic(foundUser.getId());
68     String actual = medic.getUsername();
69     String expected = username;
70
71     assertEquals(actual, expected);
72 }
73 }
```

Test Results

ec.edu.espe.MedicByte:jar:1.2 (Unit)

Tests passed: 100.00 %

All 18 tests passed. (1.914 s)

- ec.edu.espe.medicbyte.service.impl.MedicServiceImplTest passed
- ec.edu.espe.medicbyte.service.impl.RoleServiceImplTest passed
- ec.edu.espe.medicbyte.service.impl.SpecialityServiceImplTest passed
- ec.edu.espe.medicbyte.service.impl.UserServiceImplTest passed

Output Test Results

59:20 INS