PROJETO INTEGRADOR - GTI

AUDITORIA E QUALIDADE DE SOFTWARE

Professor: Willians Santos

Elaboração de testes de validações do aplicativo web Loja Virtual.

TESTES JUnit/JWebUnit

Completar com caracteres arquivos para visualização dos produtos

```
App - LojaVirtual/src/test/java/utils/UtilitariosTest.java - Eclipse
<u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
🖺 Project Expl... 🗯 🔭 Type Hierarc... 🖰 🗍 📝 LoginTest.java 📓 login.xhtml 📳 index.xhtml 📝 IndexTest.java 🕡 UtilitariosT... 💥 🤌
                                                                                                                                         ա√Մ JUnit 🏻
                        □ 🕏 👂 ▽
                                         1 package utils;
                                                                                                                                                   1 4
                                                                                                                                         Finished after 0,236
3⊕ import static org.junit.jupiter.api.Assertions.assertEquals;
   > 🛅 Deployment Descriptor: LojaVirtual
                                                                                                                                           Runs: 1/1
   JAX-WS Web Services
                                         7 public class UtilitariosTest {
   9⊝
10
     > # src/main/java
                                                public void testCompletarCaracteres() {
                                                                                                                                          > 🔠 utils.Utilita
     > # src/main/resources
                                                    assertEquals("00055", Utilitarios.completarCaracteres("55", "0", 5, "E"));
assertEquals("55000", Utilitarios.completarCaracteres("55", "0", 5, "D"));
assertEquals("66666", Utilitarios.completarCaracteres("6666666", "0", 5, "D"));

    UtilitariosTest.java

                                                                                                                                          Failure Trace
             > @ UtilitariosTest
        > IndexTest.java
           > 🕖 LoginTest.java
```

Validação do login, utilizando e-mail/senha

```
App - LojaVirtual/src/test/java/web/publico/LoginTest.java - Eclipse
File Edit Source Refactor Navigate Search Project Run Window Help
🖺 Project Expl... 🛭 🔭 Type Hierarc... 🖰 🗖 🔝 LoginTest,java 🖫 🖺 login.xhtml 🔃 IndexTest,java 🔃 UtilitariosT...
                                                                                                                                            - -
                                                                                                                                                   <sub>e</sub>√υ JUnit ⊠
                                                                                                               Loia Virtual...
                                           3⊕ import static net.sourceforge.jwebunit.junit.JWebUnit.*;
                          □ ⑤ ⑤ ▽
                                                                                                                                               ۸
                                                                                                                                                              J 4
                                                                                                                                                   Finished after 5,805
V 👺 LojaVirtual
                                            12 public class LoginTest {
   > 🛅 Deployment Descriptor: LojaVirtual
                                                                                                                                                     Runs: 1/1
    > 🏂 JAX-WS Web Services
                                            140
                                                    @Before
                                                    public void prepare() {
   🗸 🅦 Java Resources
                                                        setTestingEngineKey(TestingEngineRegistry.TESTING_ENGINE_HTMLUNIT);
      > # src/main/java
                                                        setBaseUrl("http://localhost:8080/LojaVirtual");
                                                                                                                                                    > a web.public
      > # src/main/resources
                                            18
      🗸 📇 src/test/java
                                            19
         🗸 🏭 utils
                                                    public void testLogin() {

✓ J Utilitarios Test.java
                                                        // Chama a index e testa ela
beginAt("publico/index.xhtml");
              > @ UtilitariosTest
                                            23
                                                                                                                                                    Failure Trace

▼ ## web.publico

                                                        assertTitleEquals("Loja Virtual versão 2.0");
           > 🚺 IndexTest.java

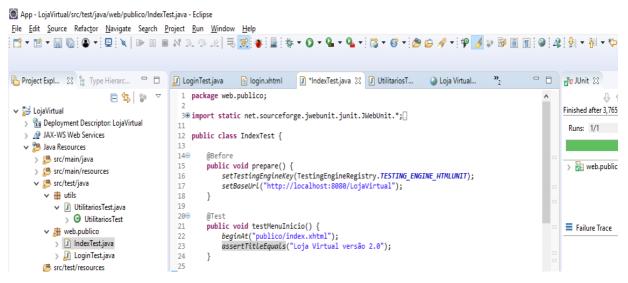
▼ I LoginTest.java

                                                        // Chama a area administrativa
                                            27
28
                                                        beginAt("admin/principal.xhtml");

√ O LoginTest

                                                        assertTitleEquals("Login");
                    prepare(): void
                                            29
                   testLogin(): void
                                                        // Preenche os dados do login
setTextField("j_username", "email01");
setTextField("j_password", "01");
                                             30
        src/test/resources
      > 🎥 src/main/webapp
      > 🛋 Libraries
                                                        // Clica no botao login
   > MayaScript Resources
                                             35
                                                        clickButton("btn-logar");
   > 🔓 Deployed Resources
                                             36
   > 🐎 src
                                                        // Testa a area administrativa
                                                        assertTitleEquals("Área Administrativa");
   > 🗁 target
      bd.sql
```

Tela inicial



Tela de cadastro do cliente

```
App - LoiaVirtual/src/test/iava/web/publico/IndexTest.iava - Eclipse
<u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
🖺 Project Expl... 🗴 🔭 Type Hierarc... 🖰 📋 LoginTest.java 📳 login.xhtml 📗 IndexTest.java 🔉 🗓 UtilitariosT... 🚳 Loja Virtual... 🥞
                                                                                                                                    ₀Tπ JUnit ⊠
                        24
                                                                                                                                              JL 4
                                               }
                                        25
Finished after 4,743
   > 🛅 Deployment Descriptor: LojaVirtual
                                               public void testMenuCliente() {
                                                                                                                                      Runs: 1/1
   > A JAX-WS Web Services
                                                  beginAt("publico/index.xhtml");
assertTitleEquals("Loja Virtual versão 2.0");
   🗸 🅦 Java Resources
     > 乃 src/main/java

▼ iii web.public

                                                  beginAt("publico/form_pessoa.xhtml");
     > # src/main/resources
                                                  assertTitleEquals("Formulário de pessoas");
                                                                                                                                          testMei
     🗸 🏭 utils

▼ ① UtilitariosTest.java
                                        35€
             > O UtilitariosTest
                                        36
                                        37
                                                                                                                                     Failure Trace
        38
           > 🗾 IndexTest.java
                                        39

\[
\begin{align*}
\text{LoginTest.java}
\end{align*
\]

       # src/test/resources
```

Tela de pedidos de cliente logado

```
App - LojaVirtual/src/test/java/web/publico/IndexTest.java - Eclipse
<u>F</u>ile <u>E</u>dit <u>S</u>ource Refac<u>t</u>or <u>N</u>avigate Se<u>a</u>rch <u>P</u>roject <u>R</u>un <u>W</u>indow <u>H</u>elp
Project Expl... 🛭 🔭 Type Hierarc... 🖰 🗖 💹 LoginTest.java 📑 login.xhtml 🗓 *IndexTest.java 💢 🗓 UtilitariosT...
                                                                                                             Loja Virtual...
                                                                                                                                               ∄ JUnit ⊠
                         J 4
                                           35⊜
∨ 📂 LojaVirtual
                                                                                                                                               Finished after 4,843
                                                   public void testMenuPedidos() {
                                           36
   > 😘 Deployment Descriptor: LojaVirtua
                                           37
                                                      beginAt("publico/index.xhtml");
                                                                                                                                                Runs: 1/1
   > A JAX-WS Web Services
                                                       assertTitleEauals("Loia Virtual versão 2.0");
                                           38
                                           39
   40
                                                       beginAt("cliente/principal.xhtml");
      > 乃 src/main/java
                                           41
                                                                                                                                                🗸 🚡 web.public
      > # src/main/resources
                                                       Pessoa user = Utilitarios.getUserLogado();
                                           42
                                                                                                                                                     testMe

✓ 

## src/test/java

                                           43
                                                       if(user == null) { // Login
        assertTitleEquals("Login");
} else { // Area do cliente
                                           44
                                           45

✓ J Utilitarios Test.java
                                           46
                                                          assertTitleEquals("Área do cliente");
              > O UtilitariosTest
                                           47
                                                                                                                                                Failure Trace
        🗸 🔠 web.publico
                                           48
           > IndexTest.java
           > <section-header> LoginTest.java
                                           50
        # src/test/resources
      > # src/main/webapp
```

Validação do logout

```
App - LojaVirtual/src/test/java/web/publico/IndexTest.java - Eclipse
<u>File Edit Source Refactor Navigate Search Project Run Window Help</u>
Project Expl... 🛭 🖫 Type Hierarc... 🗀 🗖
                                       LoginTest.java
                                                       📓 login.xhtml 💹 *IndexTest.java 🛭 🚺 UtilitariosT...
                                                                                                       Loja Virtual...
                                                                                                                                 - -
                                                                                                                                        ⊎ JUnit ⊠
                        日生
                                                                                                                                                  J 4
                                         620
v 🕌 LojaVirtual
                                                                                                                                        Finished after 5,87 s
                                                public void testMenuLogout() {
    beginAt("publico/index.xhtml");
                                         63
   > 🛅 Deployment Descriptor: LojaVirtual
                                         64
                                                                                                                                         Runs: 1/1
   > AP JAX-WS Web Services
                                         65
                                                    assertTitleEquals("Loja Virtual versão 2.0");
   Java Resources
                                         66
                                         67
                                                    beginAt("j spring security logout");
     > # src/main/java
                                                    assertTitleEquals("Loja Virtual versão 2.0");
assertTextInElement("name-user", "Usuário não logado!");
                                         68
                                                                                                                                         web.public
     > # src/main/resources
                                         69
                                                                                                                                              testMer
     70
        🗸 🏭 utils
                                         71

    UtilitariosTest.java

             Utilitarios Test
                                                                                                                                         Failure Trace
        > IndexTest.java
           > 🕖 LoginTest.java
       src/test/resources
      > # src/main/webapp
     > 🖹 Libraries
   JavaScript Resources
   Deployed Resources
```

Tela SOBRE

```
A App - LojaVirtual/src/test/java/web/publico/IndexTest.java - Eclipse
<u>File File Edit Source Refactor Navigate Search Project Run Window Help</u>
🔓 F 🎦 Project Expl... 💢 🧏 Type Hierarc... 🗀 🗖
                                           LoginTest.java
                                                           Loja Virtual...
                                                                                                                                    - -
                                                                                                                                           <sub>d</sub> JUnit ⊠
                            public void testMenuSobre() {
                                             73
🗸 🥻 🗸 👑 LojaVirtual
                                                                                                                                            Finished after
                                                        // Chama a index e testa ela beginAt("publico/index.xhtml");
                                             74
       > 📆 Deployment Descriptor: LojaVirtual
                                             75
                                                                                                                                             Runs: 1/1
       > / JAX-WS Web Services
                                             76
77
                                                        assertTitleEquals("Loja Virtual versão 2.0");

✓ № Java Resources

                                             78
                                                        // Chama a pagina de SOBRE
         > 乃 src/main/java
                                                       beginAt("publico/sobre.xhtml");
assertTitleEquals("Loja Virtual - Sobre...");
                                             79
                                                                                                                                            🗸 🔠 web.p
         > 🎥 src/main/resources
                                             80

✓ 

## src/test/java

                                             81
            🗸 🏨 utils

    UtilitariosTest.java

                 O Utilitarios Test
                                                                                                                                            Failure Tr
            🗸 🔠 web.publico
               > IndexTest.java
               > II LoginTest.java
            src/test/resources
```

• Controle de Versão - GitHub

Link:www.github.com/GestaoMasterLTDA

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