**Test structure requirements:**

1. Browser – Chrome
2. Window – maximized
3. Web Elements locators **should not be autogenerated by browser plugins**

Priority:

* DOM locators
* CSS selector
* XPATH selector

1. All elements should have proper waits
2. Block (method) should start with comment line (ex. “// 2. Assert Browser title”) with step description which has been taken from this test case file
3. All code should according [Java Code Convention](https://www.oracle.com/technetwork/java/codeconventions-150003.pdf)
4. Tests should be run through the Test NG suite xml file.
5. Should be created maven profile for hw2
6. Checkstyle plugin should not produce error
7. All tests must launch through the **maven commands**

**File placement requirements:**

1. Classes should be placed into src/test/java/hw2 package and sub-packages
2. Homework should be developed in a new Java class
3. Each Exercise must be placed to dedicated package src/test/java/hw2/ex1, etc.
4. Test methods should have a name in accordance with checking functionality
5. When you are ready and have pushed your homework task, please ping me in MS Teams personally and send a link to your project repo

**Exercise 1**For the current exercise please use **SoftAsserts**.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Step** | **Data** | **Expected result** |
| 1 | Open test site by URL | <https://jdi-testing.github.io/jdi-light/index.html> | Test site is opened |
| 2 | Assert Browser title | "Home Page" | Browser title equals "Home Page" |
| 3 | Perform login | username: Roman pass: Jdi1234 | User is logged |
| 4 | Assert Username is loggined | "ROMAN IOVLEV" | Name is displayed and equals to expected result |
| 5 | Assert that there are 4 items on the header section are displayed and they have proper texts | "HOME", "CONTACT FORM", "SERVICE", "METALS & COLORS" | Menu buttons are displayed and have proper texts |
| 6 | Assert that there are 4 images on the Index Page and they are displayed | 4 images | Images are displayed |
| 7 | Assert that there are 4 texts on the Index Page under icons and they have proper text | 4 texts below of each image | Texts are displayed and equal to expected |
| 8 | Assert that there is the iframe with “Frame Button” exist |  | The iframe exists |
| 9 | Switch to the iframe and check that there is “Frame Button” in the iframe |  | The “Frame Button” exists |
| 10 | Switch to original window back |  | Driver has focus on the original window |
| 11 | Assert that there are 5 items in the Left Section are displayed and they have proper text | “Home”, “Contact form”, “Service”, “Metals & Colors”, “Elements packs” | Left section menu items are displayed and have proper text |
| 12 | Close Browser |  | Browser is closed |

**Exercise 2**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Step** | **Data** | **Expected result** |
| 1 | Open test site by URL | <https://jdi-testing.github.io/jdi-light/index.html> | Test site is opened |
| 2 | Assert Browser title | "Home Page" | Browser title equals "Home Page" |
| 3 | Perform login | username: Roman pass: Jdi1234 | User is logged |
| 4 | Assert User name in the left-top side of screen that user is loggined | ROMAN IOVLEV | Name is displayed and equals to expected result |
| 5 | Open through the header menu Service -> Different Elements Page |  | Page is opened |
| 6 | Select checkboxes | Water, Wind | Elements are checked |
| 7 | Select radio | Selen | Element is checked |
| 8 | Select in dropdown | Yellow | Element is selected |
| 9 | Assert that   * for each checkbox there is an individual log row and value is corresponded to the status of checkbox * for radio button there is a log row and value is corresponded to the status of radio button * for dropdown there is a log row and value is corresponded to the selected value. |  | Log rows are displayed and   * checkbox name and its status are corresponding to selected * radio button name and it status is corresponding to selected * dropdown name and selected value is corresponding to selected |
| 10 | Close Browser |  | Browser is closed |