Test Summary for Docler Holding

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1. Introduction

This is a test summary based on the specification handed over by Docler Holding.

The GitHub repository with the test suite and the test cases available at:
https://github.com/kereszturi87/Docler-Test

The source code uploaded in both Selenium and JAVA as well.

Test cases were designed and run in Selenium IDE, later converted into JAVA code. The test can be run as a test suite or one by one. The design steps and both the Selenium and JAVA code is included in this documentation as well.

If there were any relevant addition to the results, a short description can be found at the Evaluation part describing it. The summary with the results can be found at the end.

2. Specification, test design and evaluation

2.1. REQ-UI-01

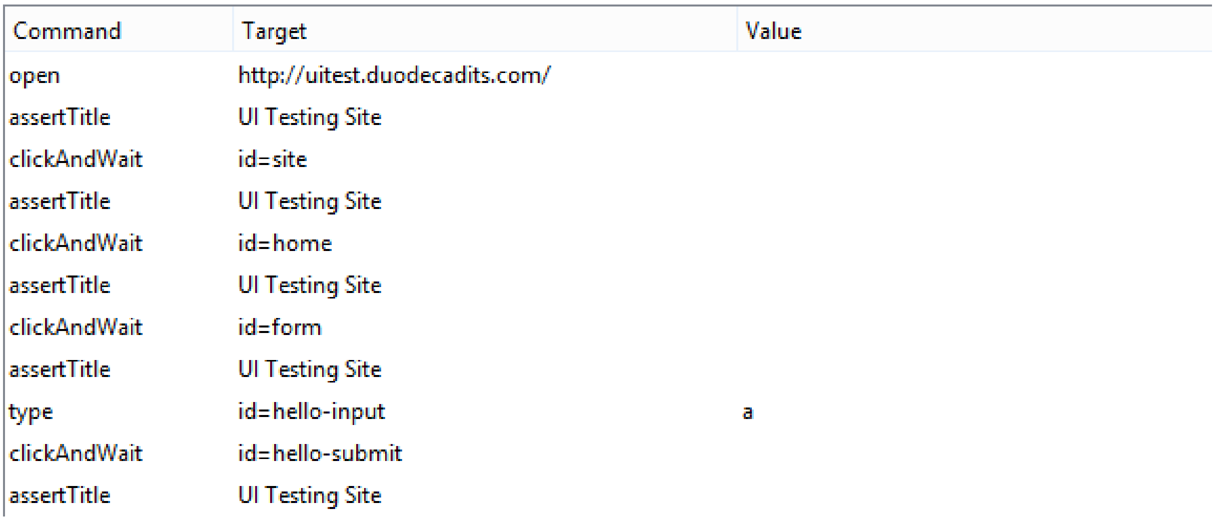
Requirement specifcation:

The Title should be "UI Testing Site" on every site

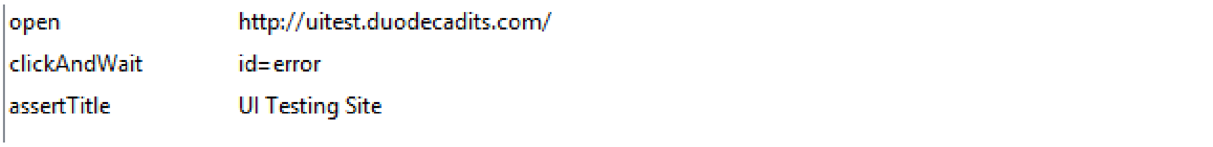
Basic flow:

Scope: test title of every site

- step 1: open site
- step 2: assert title
- step 3: click „UI Testing”
- step 4: assert title
- step 5: click „Home”
- step 6: assert title
- step 7: click „Form”
- step 8: assert title
- step 9: input „a” in the input field
- step 10: click „Go!”
- step 11: assert title
- step 12: open home page
- step 13: click „Error”
- step 14: assert title



Command	Target	Value
open	http://uitest.duodecadits.com/	
assertTitle	UI Testing Site	
clickAndWait	id=site	
assertTitle	UI Testing Site	
clickAndWait	id=home	
assertTitle	UI Testing Site	
clickAndWait	id=form	
assertTitle	UI Testing Site	
type	id=hello-input	a
clickAndWait	id=hello-submit	
assertTitle	UI Testing Site	



open	http://uitest.duodecadits.com/	
clickAndWait	id=error	
assertTitle	UI Testing Site	

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-01</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-01</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>UI Testing Site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>UI Testing Site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>UI Testing Site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>UI Testing Site</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>a</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>UI Testing Site</td>
        <td></td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=error</td>
        <td></td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>UI Testing Site</td>
        <td></td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

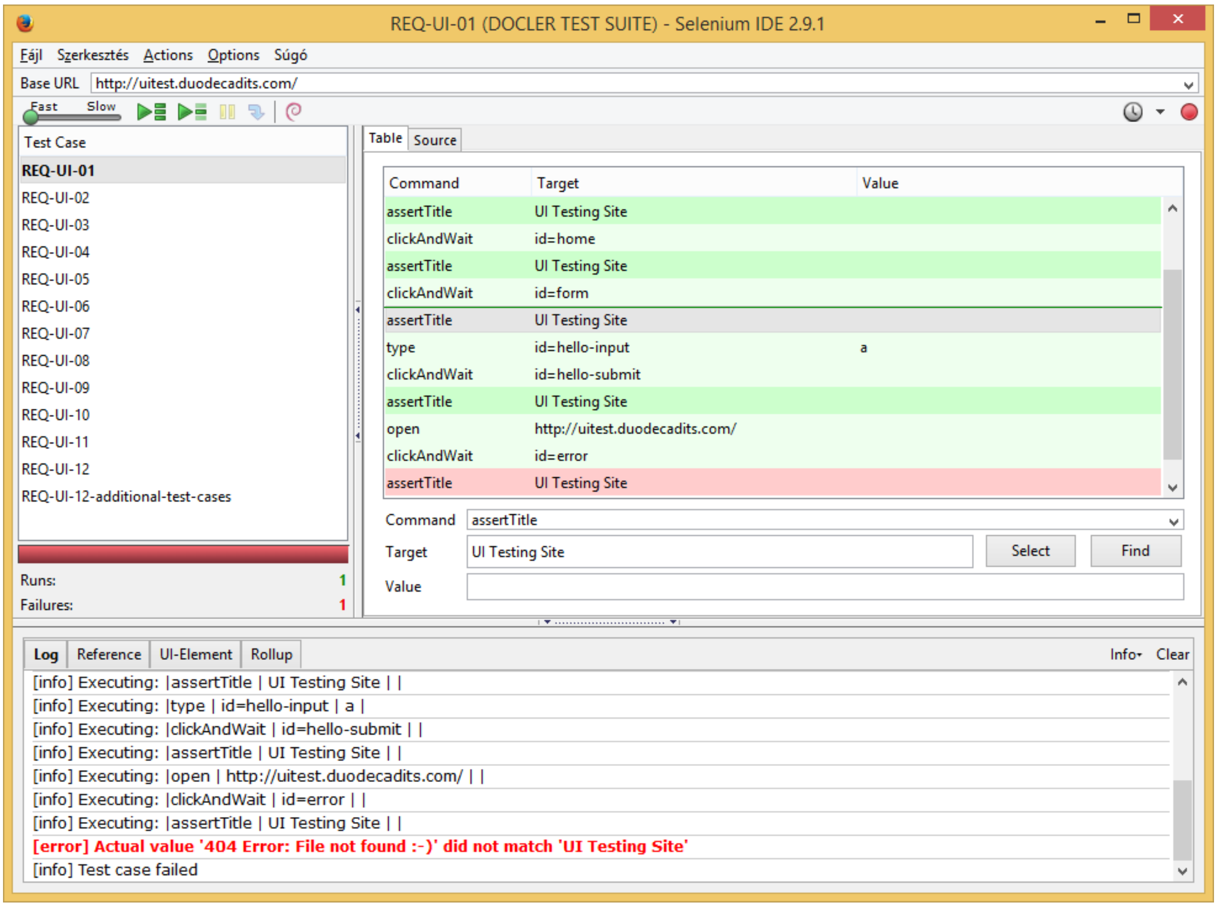
```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI01 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI01() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertEquals("UI Testing Site", driver.getTitle());
    driver.findElement(By.id("site")).click();
    assertEquals("UI Testing Site", driver.getTitle());
    driver.findElement(By.id("home")).click();
    assertEquals("UI Testing Site", driver.getTitle());
    driver.findElement(By.id("form")).click();
    assertEquals("UI Testing Site", driver.getTitle());
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("a");
    driver.findElement(By.id("hello-submit")).click();
    assertEquals("UI Testing Site", driver.getTitle());
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("error")).click();
    assertEquals("UI Testing Site", driver.getTitle());
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }
  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

- [info] Playing test case REQ-UI-01
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |assertTitle | UI Testing Site | |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |assertTitle | UI Testing Site | |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |assertTitle | UI Testing Site | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertTitle | UI Testing Site | |
- [info] Executing: |type | id=hello-input | a |
- [info] Executing: |clickAndWait | id=hello-submit | |
- [info] Executing: |assertTitle | UI Testing Site | |
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=error | |
- [info] Executing: |assertTitle | UI Testing Site | |
- [error] Actual value '404 Error: File not found :-)' did not match 'UI Testing Site'
- [info] Test case failed

Evaluation

Test case failed as the error page has different Title ('404 Error: File not found :-)’).



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 1

Command	Target	Value
assertTitle	UI Testing Site	
clickAndWait	id=home	
assertTitle	UI Testing Site	
clickAndWait	id=form	
assertTitle	UI Testing Site	
type	id=hello-input	a
clickAndWait	id=hello-submit	
assertTitle	UI Testing Site	
open	http://uitest.duodecadits.com/	
clickAndWait	id=error	
assertTitle	UI Testing Site	

Command: assertTitle
Target: UI Testing Site
Value:

```
[info] Executing: |assertTitle | UI Testing Site | |
[info] Executing: |type | id=hello-input | a |
[info] Executing: |clickAndWait | id=hello-submit | |
[info] Executing: |assertTitle | UI Testing Site | |
[info] Executing: |open | http://uitest.duodecadits.com/ | |
[info] Executing: |clickAndWait | id=error | |
[info] Executing: |assertTitle | UI Testing Site | |
[error] Actual value '404 Error: File not found :-)' did not match 'UI Testing Site'
[info] Test case failed
```

2.2. REQ-UI-02

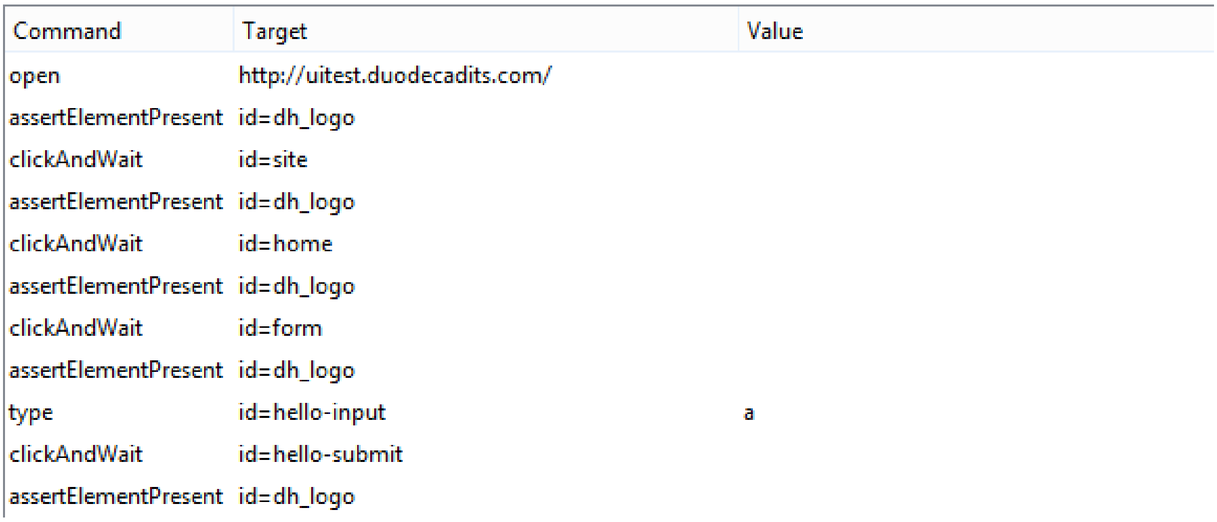
Requirement specifcation:

The Company Logo should be visible on every site

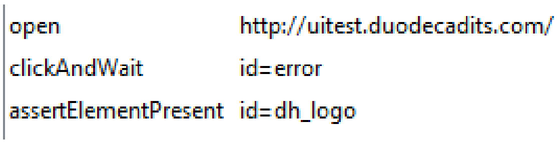
Basic flow:

Scope: test logo on every site

- step 1: open site
- step 2: assert logo element is present
- step 3: click „UI Testing”
- step 4: assert logo element is present
- step 5: click „Home”
- step 6: assert logo element is present
- step 7: click „Form”
- step 8: assert logo element is present
- step 9: input „a” in the input field
- step 10: click „Go!”
- step 11: assert logo element is present
- step 12: open home page
- step 13: click „Error”
- step 14: assert logo element is present



Command	Target	Value
open	http://uitest.duodecadits.com/	
assertElementPresent	id=dh_logo	
clickAndWait	id=site	
assertElementPresent	id=dh_logo	
clickAndWait	id=home	
assertElementPresent	id=dh_logo	
clickAndWait	id=form	
assertElementPresent	id=dh_logo	
type	id=hello-input	a
clickAndWait	id=hello-submit	
assertElementPresent	id=dh_logo	



open	http://uitest.duodecadits.com/
clickAndWait	id=error
assertElementPresent	id=dh_logo

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-02</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-02</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>a</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=error</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

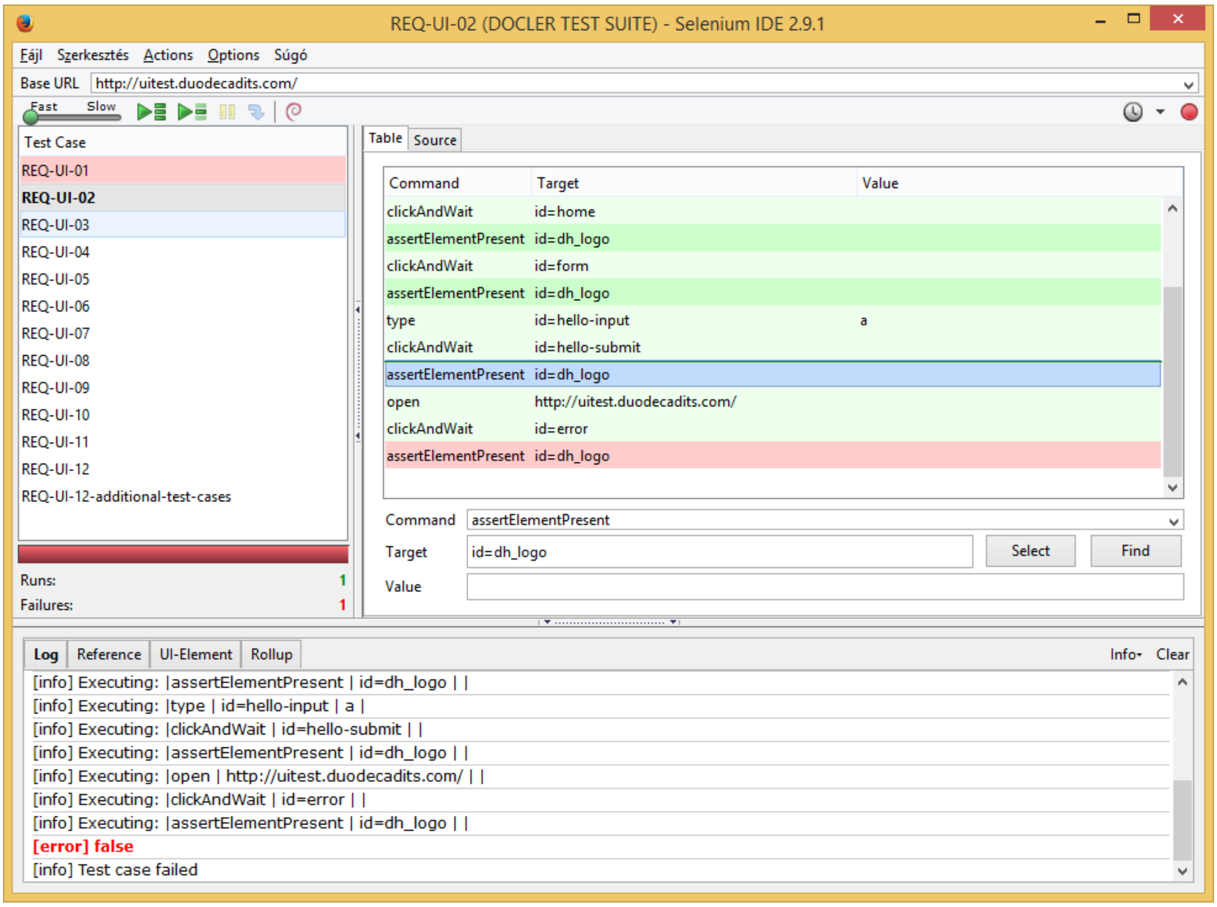
```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI02 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI02() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("site")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("home")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("form")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("a");
    driver.findElement(By.id("hello-submit")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("error")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }
  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

- [info] Playing test case REQ-UI-02
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |type | id=hello-input | a |
- [info] Executing: |clickAndWait | id=hello-submit | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=error | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [error] false
- [info] Test case failed

Evaluation

Test case failed as the error page has no logo present.



Base URL http://uitest.duodecadits.com/

Test Case
- REQ-UI-01
- **REQ-UI-02**
- REQ-UI-03
- REQ-UI-04
- REQ-UI-05
- REQ-UI-06
- REQ-UI-07
- REQ-UI-08
- REQ-UI-09
- REQ-UI-10
- REQ-UI-11
- REQ-UI-12
- REQ-UI-12-additional-test-cases

Runs: 1
Failures: 1

Command	Target	Value
clickAndWait	id=home	
assertElementPresent	id=dh_logo	
clickAndWait	id=form	
assertElementPresent	id=dh_logo	
type	id=hello-input	a
clickAndWait	id=hello-submit	
assertElementPresent	id=dh_logo	
open	http://uitest.duodecadits.com/	
clickAndWait	id=error	
assertElementPresent	id=dh_logo	

Command assertElementPresent
Target id=dh_logo
Value

```
[info] Executing: |assertElementPresent | id=dh_logo | |
[info] Executing: |type | id=hello-input | a |
[info] Executing: |clickAndWait | id=hello-submit | |
[info] Executing: |assertElementPresent | id=dh_logo | |
[info] Executing: |open | http://uitest.duodecadits.com/ | |
[info] Executing: |clickAndWait | id=error | |
[info] Executing: |assertElementPresent | id=dh_logo | |
[error] false
[info] Test case failed
```

2.3. REQ-UI-03

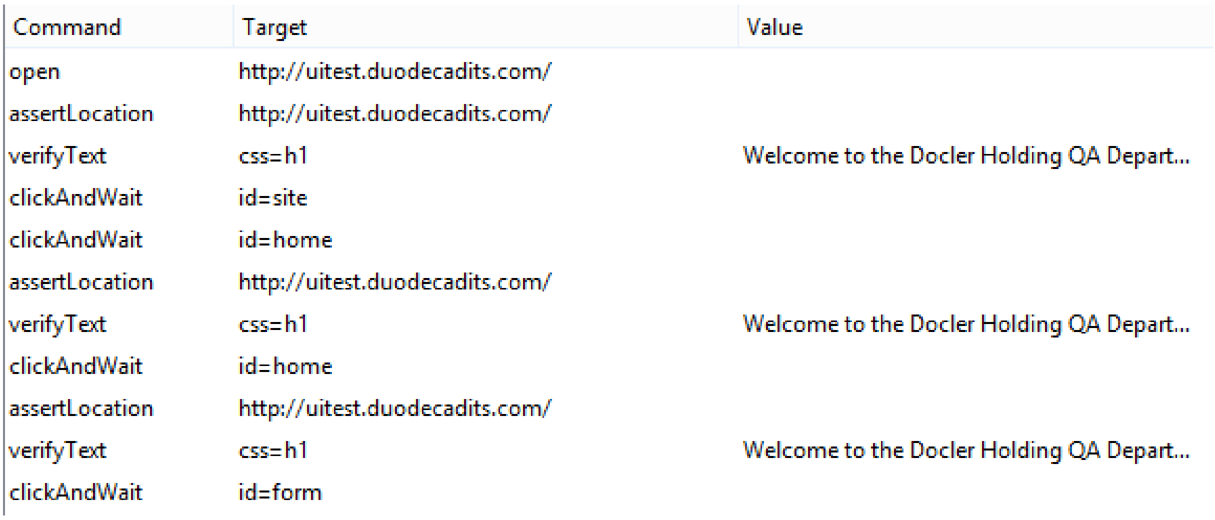
Requirement specifcation:

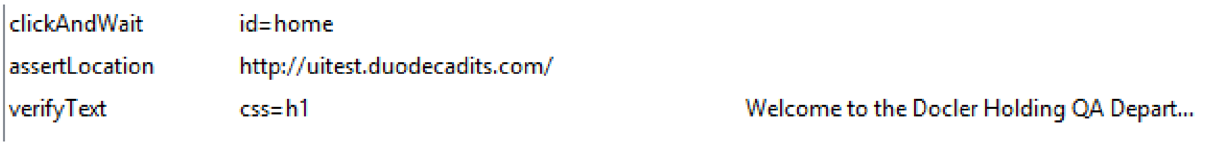
When I click on the Home button, I should get navigated to the Home page

Basic flow:

Scope: basic Home button navigation

- step 1: open site
- step 2: assert home page
- step 3: verify home page text (for safety reasons)
- step 4: click „UI Testing”
- step 5: click „Home”
- step 6: assert home page
- step 7: verify home page text (for safety reasons)
- step 8: click „Home”
- step 9: assert home page
- step 10: verify home page text (for safety reasons)
- step 11: click „Form”
- step 12: click „Home”
- step 13: assert home page
- step 14: verify home page text (for safety reasons)





Command	Target	Value
open	http://uitest.duodecadits.com/	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-03</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-03</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI03 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI03() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

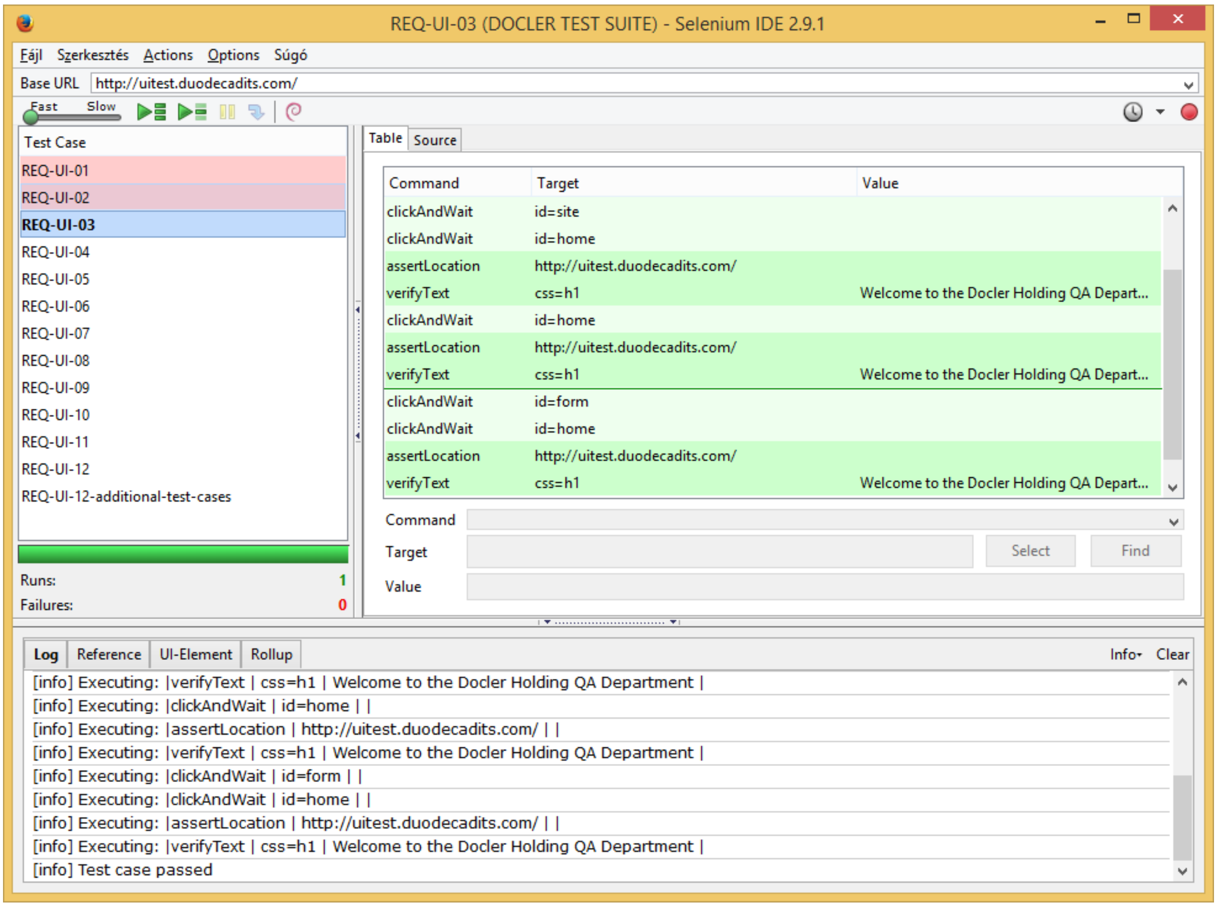
- [info] Playing test case REQ-UI-03
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
- [info] Test case passed

Evaluation

Test case was successful.

There are requirement specification / design problems:

- no back button from the filled „Form” screen, test case does not handle it
- no back button from „Error” screen, test case does not handle it
- the purpose of the „UI Testing” button is not specified



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...

Command
Target
Value

```
[info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Test case passed
```

2.4. REQ-UI-04

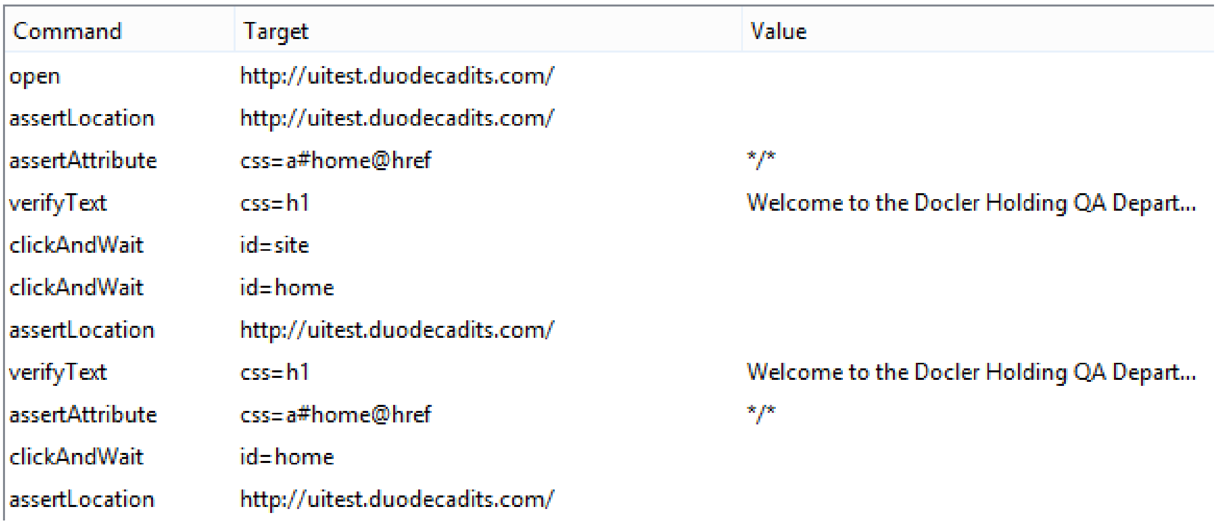
<u>Requirement specifcation</u>:

When I click on the Home button, it should turn to active status

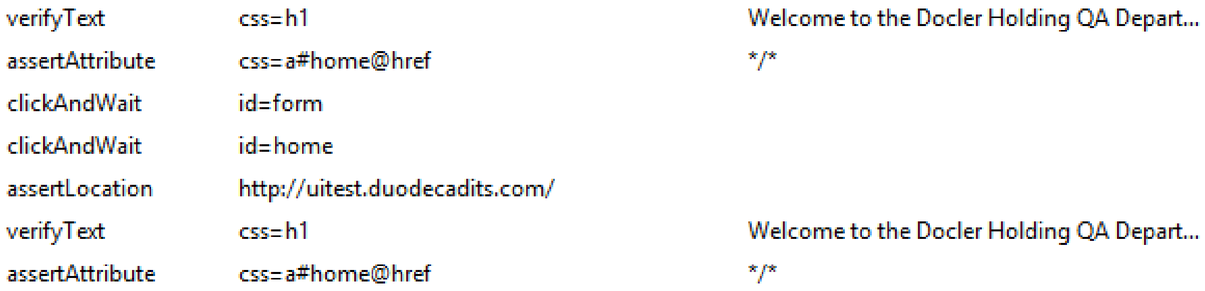
<u>Basic flow</u>:

Scope: Home button active status is present

- step 1: open site
- step 2: assert home page
- step 3: verify home page text (for safety reasons)
- step 4: assert active status
- step 5: click „UI Testing”
- step 6: click „Home”
- step 7: assert home page
- step 8: verify home page text (for safety reasons)
- step 9: assert active status
- step 10: click „Home”
- step 11: assert home page
- step 12: verify home page text (for safety reasons)
- step 13: assert active status
- step 14: click „Form”
- step 15: click „Home”
- step 16: assert home page
- step 17: verify home page text (for safety reasons)
- step 18: assert active status



Command	Target	Value
open	http://uitest.duodecadits.com/	
assertLocation	http://uitest.duodecadits.com/	
assertAttribute	css=a#home@href	*/*
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
assertAttribute	css=a#home@href	*/*
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	



verifyText	css=h1	Welcome to the Docler Holding QA Depart...
assertAttribute	css=a#home@href	*/*
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
assertAttribute	css=a#home@href	*/*

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-04</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-04</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertAttribute</td>
        <td>css=a#home@href</td>
        <td>*/*</td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>assertAttribute</td>
        <td>css=a#home@href</td>
        <td>*/*</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>assertAttribute</td>
        <td>css=a#home@href</td>
        <td>*/*</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>assertAttribute</td>
        <td>css=a#home@href</td>
        <td>*/*</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI04 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI04() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertTrue(driver.findElement(By.cssSelector("a#home")).getAttribute("href").matches("^[\\s\\S]*/[\\s\\S]*$"));
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertTrue(driver.findElement(By.cssSelector("a#home")).getAttribute("href").matches("^[\\s\\S]*/[\\s\\S]*$"));
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertTrue(driver.findElement(By.cssSelector("a#home")).getAttribute("href").matches("^[\\s\\S]*/[\\s\\S]*$"));
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    try {
      assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertTrue(driver.findElement(By.cssSelector("a#home")).getAttribute("href").matches("^[\\s\\S]*/[\\s\\S]*$"));
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

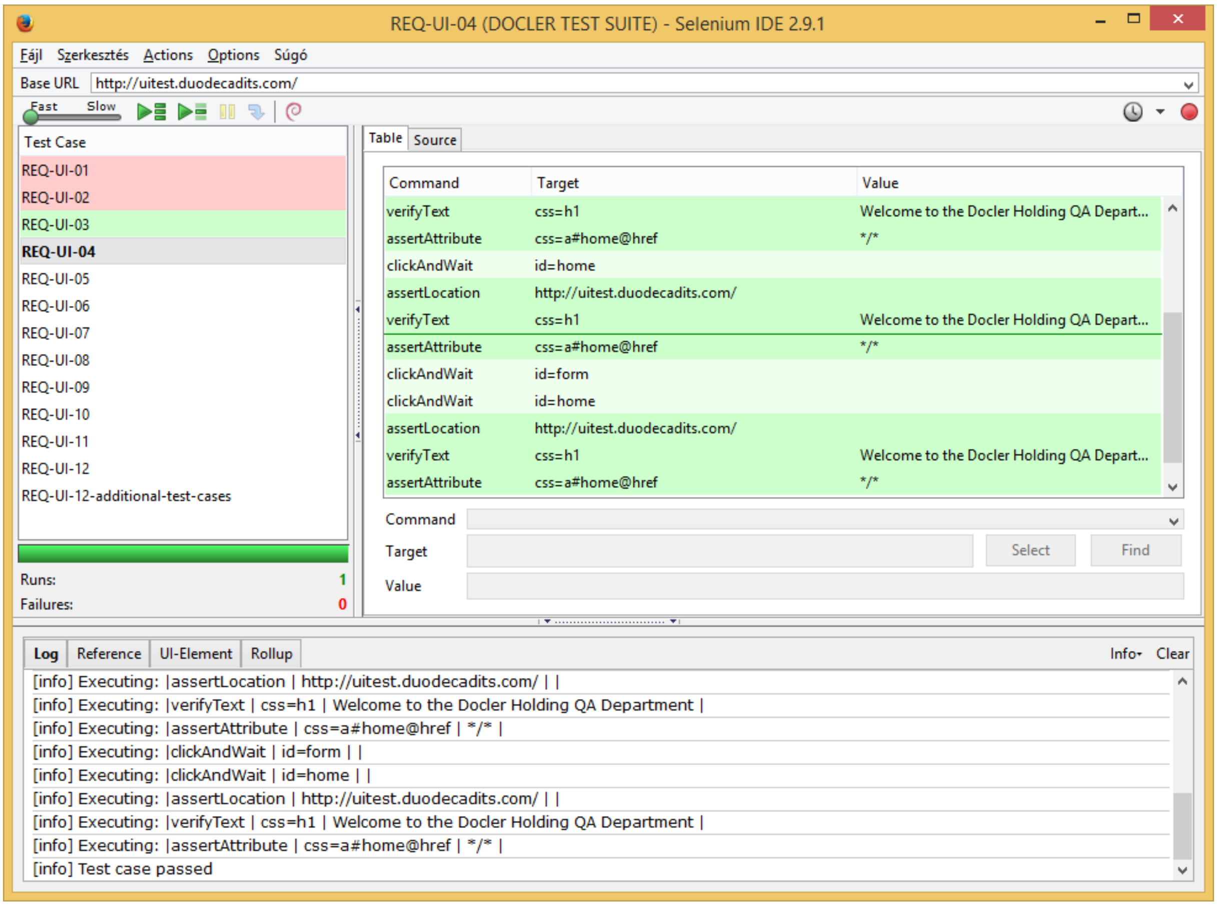
Result

```
• [info] Playing test case REQ-UI-04
• [info] Executing: |open | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertAttribute | css=a#home@href | */* |
• [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |clickAndWait | id=site | |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |assertAttribute | css=a#home@href | */* |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |assertAttribute | css=a#home@href | */* |
• [info] Executing: |clickAndWait | id=form | |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |assertAttribute | css=a#home@href | */* |
• [info] Test case passed
```

Evaluation

Test case was successful.

REQ-UI-03 test case updated with one extra assertion parameter examining active status.



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
assertAttribute	css=a#home@href	*/*
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
assertAttribute	css=a#home@href	*/*
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
verifyText	css=h1	Welcome to the Docler Holding QA Depart...
assertAttribute	css=a#home@href	*/*

Command
Target
Value

```
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Executing: |assertAttribute | css=a#home@href | */* |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |verifyText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Executing: |assertAttribute | css=a#home@href | */* |
[info] Test case passed
```

2.5. REQ-UI-05

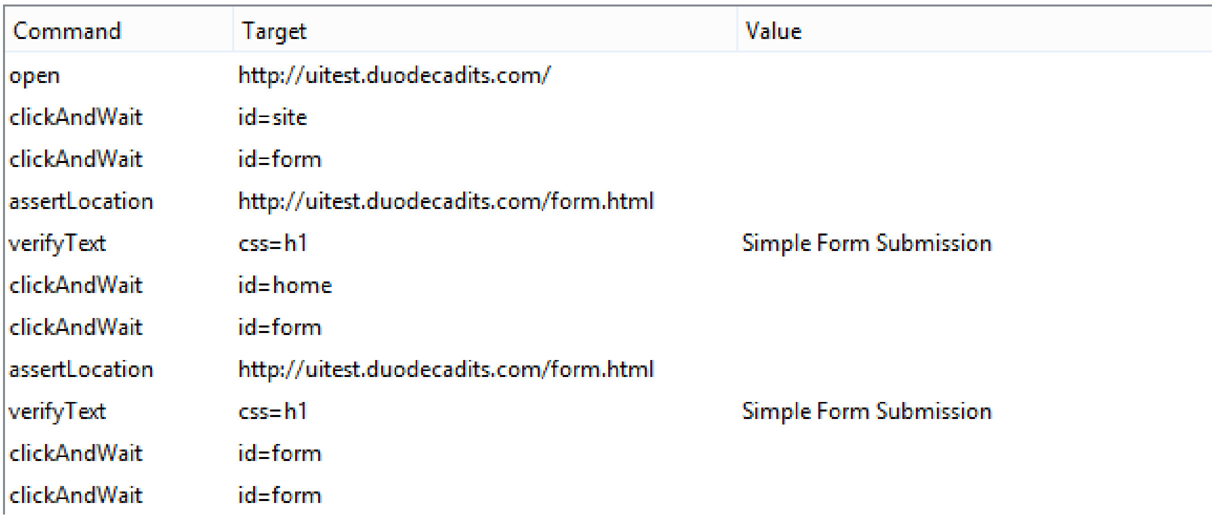
Requirement specifcation:

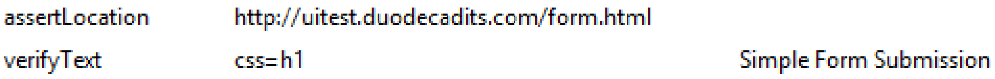
When I click on the Form button, I should get navigated to the Form page

Basic flow:

Scope: basic Form button navigation

- step 1: open site
- step 2: click „UI Testing”
- step 3: click „Form”
- step 4: assert current location page
- step 5: verify form text (for safety reasons)
- step 6: click „Home”
- step 7: click „Form”
- step 8: assert current location page
- step 9: verify form text (for safety reasons)
- step 10: click „Form”
- step 11: click „Form”
- step 12: assert current location page
- step 13: verify form text (for safety reasons)





Command	Target	Value
open	http://uitest.duodecadits.com/	
clickAndWait	id=site	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
clickAndWait	id=home	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
clickAndWait	id=form	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-05</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-05</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Simple Form Submission</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Simple Form Submission</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Simple Form Submission</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI05 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI05() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("form")).click();
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
    try {
      assertEquals("Simple Form Submission", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    driver.findElement(By.id("home")).click();
    driver.findElement(By.id("form")).click();
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
    try {
      assertEquals("Simple Form Submission", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("form")).click();
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
    try {
      assertEquals("Simple Form Submission", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

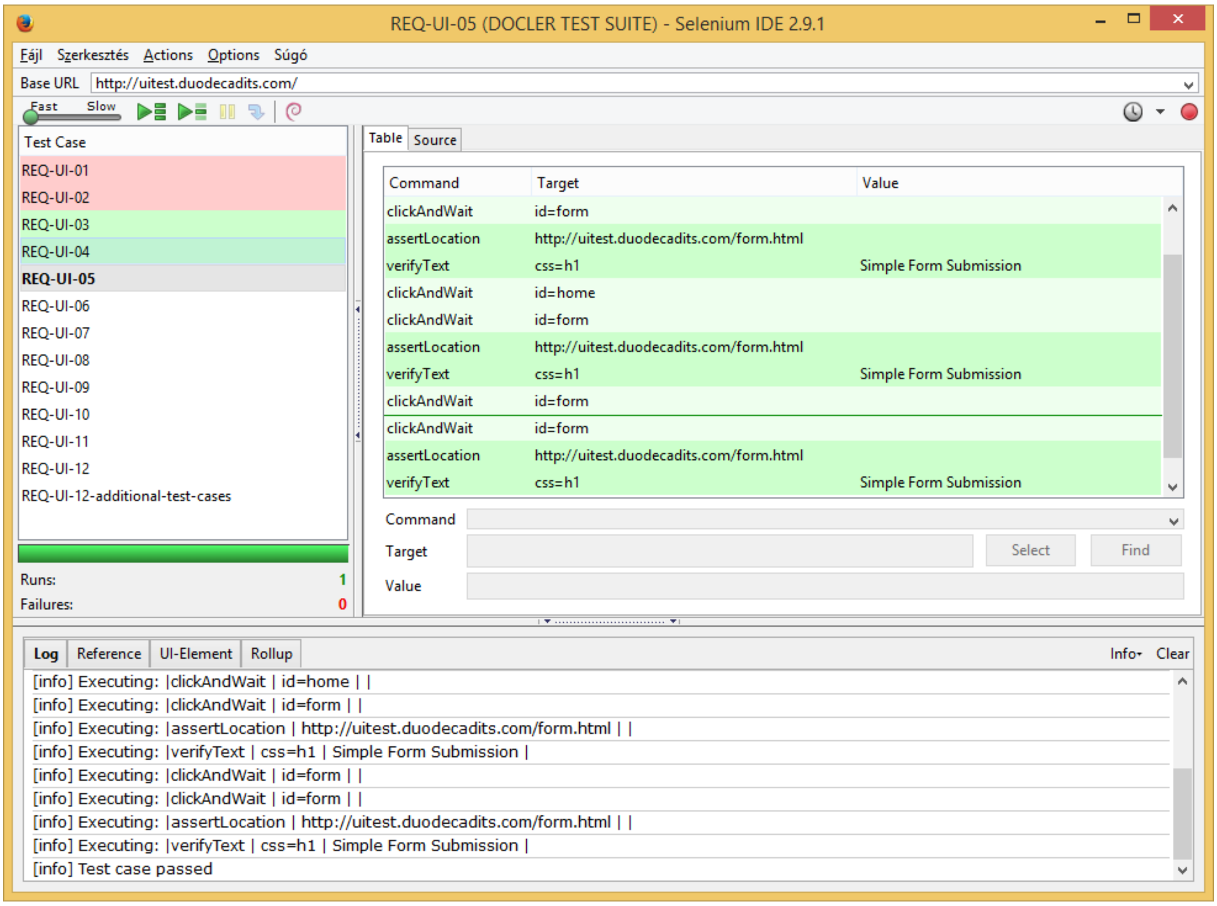
Result

- [info] Playing test case REQ-UI-05
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |verifyText | css=h1 | Simple Form Submission |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |verifyText | css=h1 | Simple Form Submission |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |verifyText | css=h1 | Simple Form Submission |
- [info] Test case passed

Evaluation

Test case was successful.

Same remarks as REQ-UI-05.



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
clickAndWait	id=home	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
clickAndWait	id=form	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission

Command
Target
Value

```
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
[info] Executing: |verifyText | css=h1 | Simple Form Submission |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
[info] Executing: |verifyText | css=h1 | Simple Form Submission |
[info] Test case passed
```

2.6. REQ-UI-06

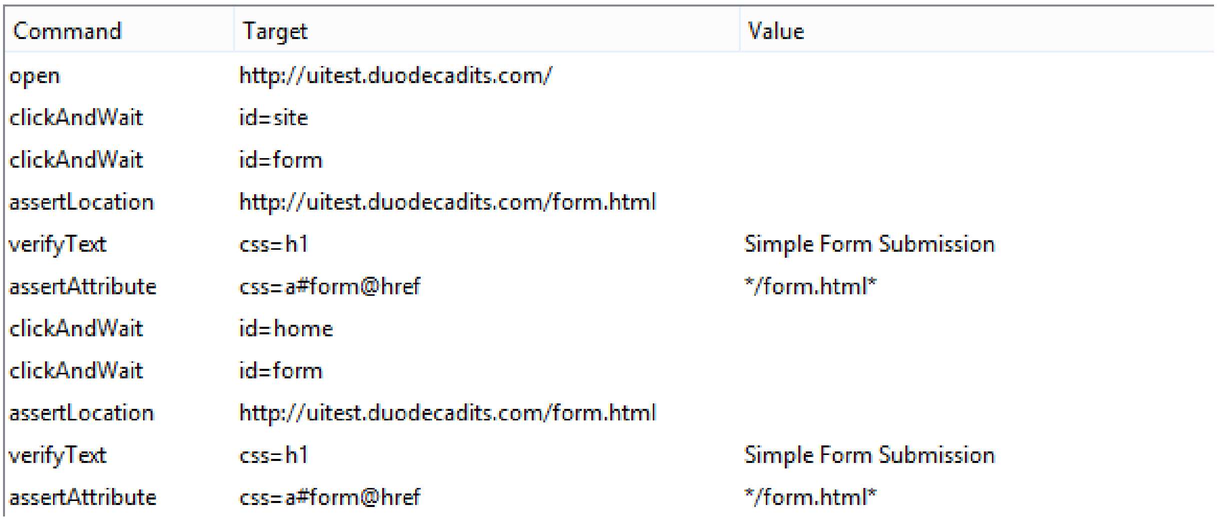
Requirement specifcation:

When I click on the Form button, it should turn to active status

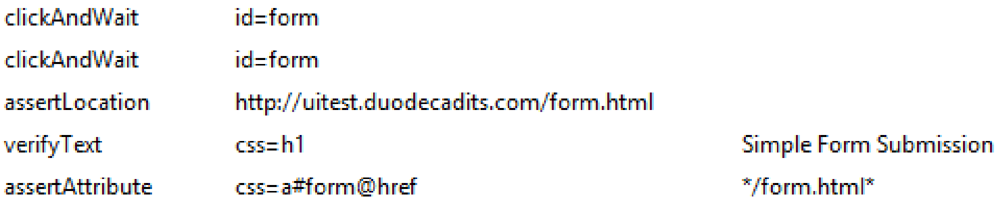
Basic flow:

Scope: Form button active status is present

- step 1: open site
- step 2: click „UI Testing”
- step 3: click „Form”
- step 4: assert current location page
- step 5: verify form text (for safety reasons)
- step 6: assert active status
- step 7: click „Home”
- step 8: click „Form”
- step 9: assert current location page
- step 10: verify form text (for safety reasons)
- step 11: assert active status
- step 12: click „Form”
- step 13: click „Form”
- step 14: assert current location page
- step 15: verify form text (for safety reasons)
- step 16: assert active status



Command	Target	Value
open	http://uitest.duodecadits.com/	
clickAndWait	id=site	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
assertAttribute	css=a#form@href	*/form.html*
clickAndWait	id=home	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
assertAttribute	css=a#form@href	*/form.html*



clickAndWait	id=form	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
assertAttribute	css=a#form@href	*/form.html*

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-06</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-06</td></tr>
</thead><tbody>
<tr>
	<td>open</td>
	<td>http://uitest.duodecadits.com/</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=site</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=form</td>
	<td></td>
</tr>
<tr>
	<td>assertLocation</td>
	<td>http://uitest.duodecadits.com/form.html</td>
	<td></td>
</tr>
<tr>
	<td>verifyText</td>
	<td>css=h1</td>
	<td>Simple Form Submission</td>
</tr>
<tr>
	<td>assertAttribute</td>
	<td>css=a#form@href</td>
	<td>*/form.html*</td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=home</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=form</td>
	<td></td>
</tr>
<tr>
	<td>assertLocation</td>
	<td>http://uitest.duodecadits.com/form.html</td>
	<td></td>
</tr>
<tr>
	<td>verifyText</td>
```

```
        <td>css=h1</td>
        <td>Simple Form Submission</td>
</tr>
<tr>
        <td>assertAttribute</td>
        <td>css=a#form@href</td>
        <td>*/form.html*</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>verifyText</td>
        <td>css=h1</td>
        <td>Simple Form Submission</td>
</tr>
<tr>
        <td>assertAttribute</td>
        <td>css=a#form@href</td>
        <td>*/form.html*</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI06 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI06() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("form")).click();
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
    try {
      assertEquals("Simple Form Submission", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }

assertTrue(driver.findElement(By.cssSelector("a#form")).getAttribute("href").matches("^[\\s\\S]*/form\\.html[\\s\\S]*$"
));
    driver.findElement(By.id("home")).click();
    driver.findElement(By.id("form")).click();
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
    try {
      assertEquals("Simple Form Submission", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }

assertTrue(driver.findElement(By.cssSelector("a#form")).getAttribute("href").matches("^[\\s\\S]*/form\\.html[\\s\\S]*$"
));
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("form")).click();
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
    try {
      assertEquals("Simple Form Submission", driver.findElement(By.cssSelector("h1")).getText());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }

assertTrue(driver.findElement(By.cssSelector("a#form")).getAttribute("href").matches("^[\\s\\S]*/form\\.html[\\s\\S]*$"
));
```

```
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

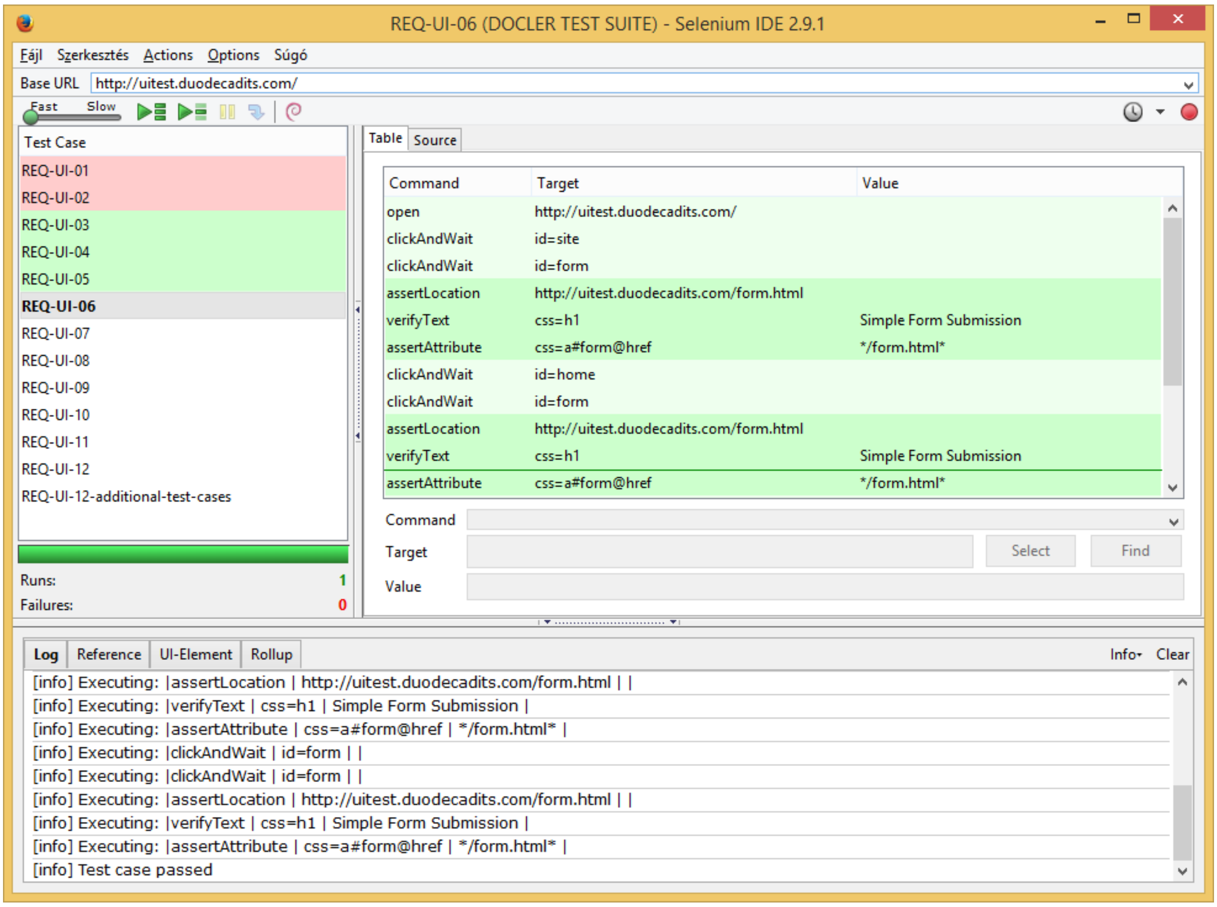
<u>Result</u>

- [info] Playing test case REQ-UI-06
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |verifyText | css=h1 | Simple Form Submission |
- [info] Executing: |assertAttribute | css=a#form@href | */form.html* |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |verifyText | css=h1 | Simple Form Submission |
- [info] Executing: |assertAttribute | css=a#form@href | */form.html* |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |verifyText | css=h1 | Simple Form Submission |
- [info] Executing: |assertAttribute | css=a#form@href | */form.html* |
- [info] Test case passed

<u>Evaluation</u>

Test case was successful.

REQ-UI-05 test case updated with one extra assertion parameter examining active status.



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
open	http://uitest.duodecadits.com/	
clickAndWait	id=site	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
assertAttribute	css=a#form@href	*/form.html*
clickAndWait	id=home	
clickAndWait	id=form	
assertLocation	http://uitest.duodecadits.com/form.html	
verifyText	css=h1	Simple Form Submission
assertAttribute	css=a#form@href	*/form.html*

Command

Target

Value

```
[info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
[info] Executing: |verifyText | css=h1 | Simple Form Submission |
[info] Executing: |assertAttribute | css=a#form@href | */form.html* |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/form.html | |
[info] Executing: |verifyText | css=h1 | Simple Form Submission |
[info] Executing: |assertAttribute | css=a#form@href | */form.html* |
[info] Test case passed
```

2.7. REQ-UI-07

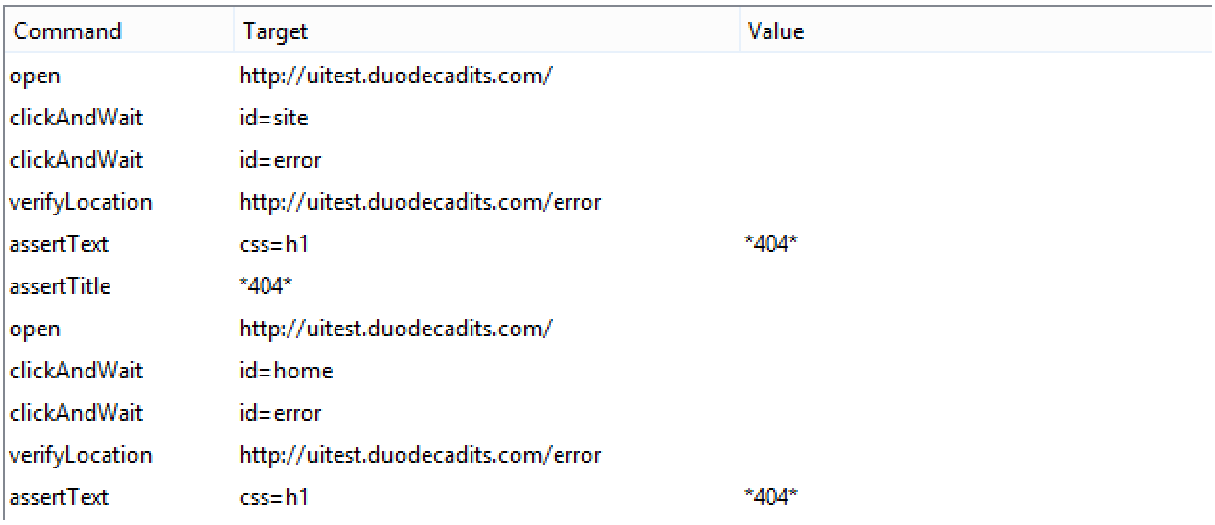
Requirement specifcation:

When I click on the Error button, I should get a 404 HTTP response code

Basic flow:

Scope: 404 error code is present

- step 1: open site
- step 2: click „UI Testing”
- step 3: click „Error”
- step 4: verify current location page
- step 5: assert text
- step 6: assert title
- step 7: open site
- step 8: click „Home”
- step 9: click „Error”
- step 10: verify current location page
- step 11: assert text
- step 12: assert title
- step 13: open site
- step 14: click „Form”
- step 15: click „Error”
- step 16: verify current location page
- step 17: assert text
- step 18: assert title



Command	Target	Value
open	http://uitest.duodecadits.com/	
clickAndWait	id=site	
clickAndWait	id=error	
verifyLocation	http://uitest.duodecadits.com/error	
assertText	css=h1	*404*
assertTitle	*404*	
open	http://uitest.duodecadits.com/	
clickAndWait	id=home	
clickAndWait	id=error	
verifyLocation	http://uitest.duodecadits.com/error	
assertText	css=h1	*404*

assertTitle	*404*	
open	http://uitest.duodecadits.com/	
clickAndWait	id=form	
clickAndWait	id=error	
verifyLocation	http://uitest.duodecadits.com/error	
assertText	css=h1	*404*
assertTitle	*404*	

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-07</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-07</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=error</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>http://uitest.duodecadits.com/error</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>*404*</td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>*404*</td>
        <td></td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=error</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>http://uitest.duodecadits.com/error</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>*404*</td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>*404*</td>
        <td></td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=error</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>http://uitest.duodecadits.com/error</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>*404*</td>
</tr>
<tr>
        <td>assertTitle</td>
        <td>*404*</td>
        <td></td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

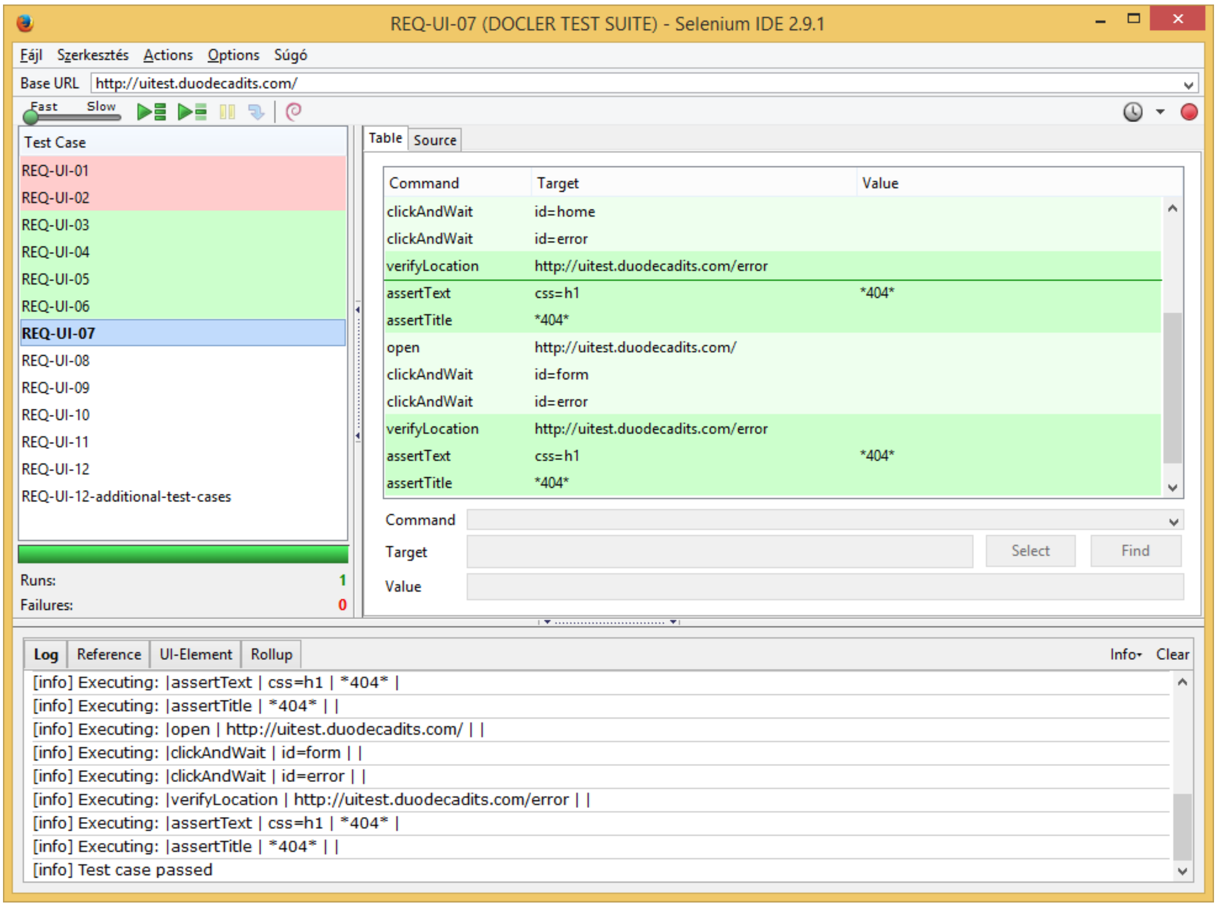
```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI07 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI07() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("error")).click();
    try {
      assertEquals("http://uitest.duodecadits.com/error", driver.getCurrentUrl());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertTrue(driver.findElement(By.cssSelector("h1")).getText().matches("^[\\s\\S]*404[\\s\\S]*$"));
    assertTrue(driver.getTitle().matches("^[\\s\\S]*404[\\s\\S]*$"));
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("home")).click();
    driver.findElement(By.id("error")).click();
    try {
      assertEquals("http://uitest.duodecadits.com/error", driver.getCurrentUrl());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertTrue(driver.findElement(By.cssSelector("h1")).getText().matches("^[\\s\\S]*404[\\s\\S]*$"));
    assertTrue(driver.getTitle().matches("^[\\s\\S]*404[\\s\\S]*$"));
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("error")).click();
    try {
      assertEquals("http://uitest.duodecadits.com/error", driver.getCurrentUrl());
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertTrue(driver.findElement(By.cssSelector("h1")).getText().matches("^[\\s\\S]*404[\\s\\S]*$"));
    assertTrue(driver.getTitle().matches("^[\\s\\S]*404[\\s\\S]*$"));
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

```
•    [info] Playing test case REQ-UI-07
•    [info] Executing: |open | http://uitest.duodecadits.com/ | |
•    [info] Executing: |clickAndWait | id=site | |
•    [info] Executing: |clickAndWait | id=error | |
•    [info] Executing: |verifyLocation | http://uitest.duodecadits.com/error | |
•    [info] Executing: |assertText | css=h1 | *404* |
•    [info] Executing: |assertTitle | *404* | |
•    [info] Executing: |open | http://uitest.duodecadits.com/ | |
•    [info] Executing: |clickAndWait | id=home | |
•    [info] Executing: |clickAndWait | id=error | |
•    [info] Executing: |verifyLocation | http://uitest.duodecadits.com/error | |
•    [info] Executing: |assertText | css=h1 | *404* |
•    [info] Executing: |assertTitle | *404* | |
•    [info] Executing: |open | http://uitest.duodecadits.com/ | |
•    [info] Executing: |clickAndWait | id=form | |
•    [info] Executing: |clickAndWait | id=error | |
•    [info] Executing: |verifyLocation | http://uitest.duodecadits.com/error | |
•    [info] Executing: |assertText | css=h1 | *404* |
•    [info] Executing: |assertTitle | *404* | |
•    [info] Test case passed
```

Evaluation

Test case was successful.



Base URL http://uitest.duodecadits.com/

Test Case

- REQ-UI-01
- REQ-UI-02
- REQ-UI-03
- REQ-UI-04
- REQ-UI-05
- REQ-UI-06
- **REQ-UI-07**
- REQ-UI-08
- REQ-UI-09
- REQ-UI-10
- REQ-UI-11
- REQ-UI-12
- REQ-UI-12-additional-test-cases

Runs: 1

Failures: 0

Command	Target	Value
clickAndWait	id=home	
clickAndWait	id=error	
verifyLocation	http://uitest.duodecadits.com/error	
assertText	css=h1	*404*
assertTitle	*404*	
open	http://uitest.duodecadits.com/	
clickAndWait	id=form	
clickAndWait	id=error	
verifyLocation	http://uitest.duodecadits.com/error	
assertText	css=h1	*404*
assertTitle	*404*	

Command

Target

Value

```
[info] Executing: |assertText | css=h1 | *404* |
[info] Executing: |assertTitle | *404* | |
[info] Executing: |open | http://uitest.duodecadits.com/ | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=error | |
[info] Executing: |verifyLocation | http://uitest.duodecadits.com/error | |
[info] Executing: |assertText | css=h1 | *404* |
[info] Executing: |assertTitle | *404* | |
[info] Test case passed
```

2.8. REQ-UI-08

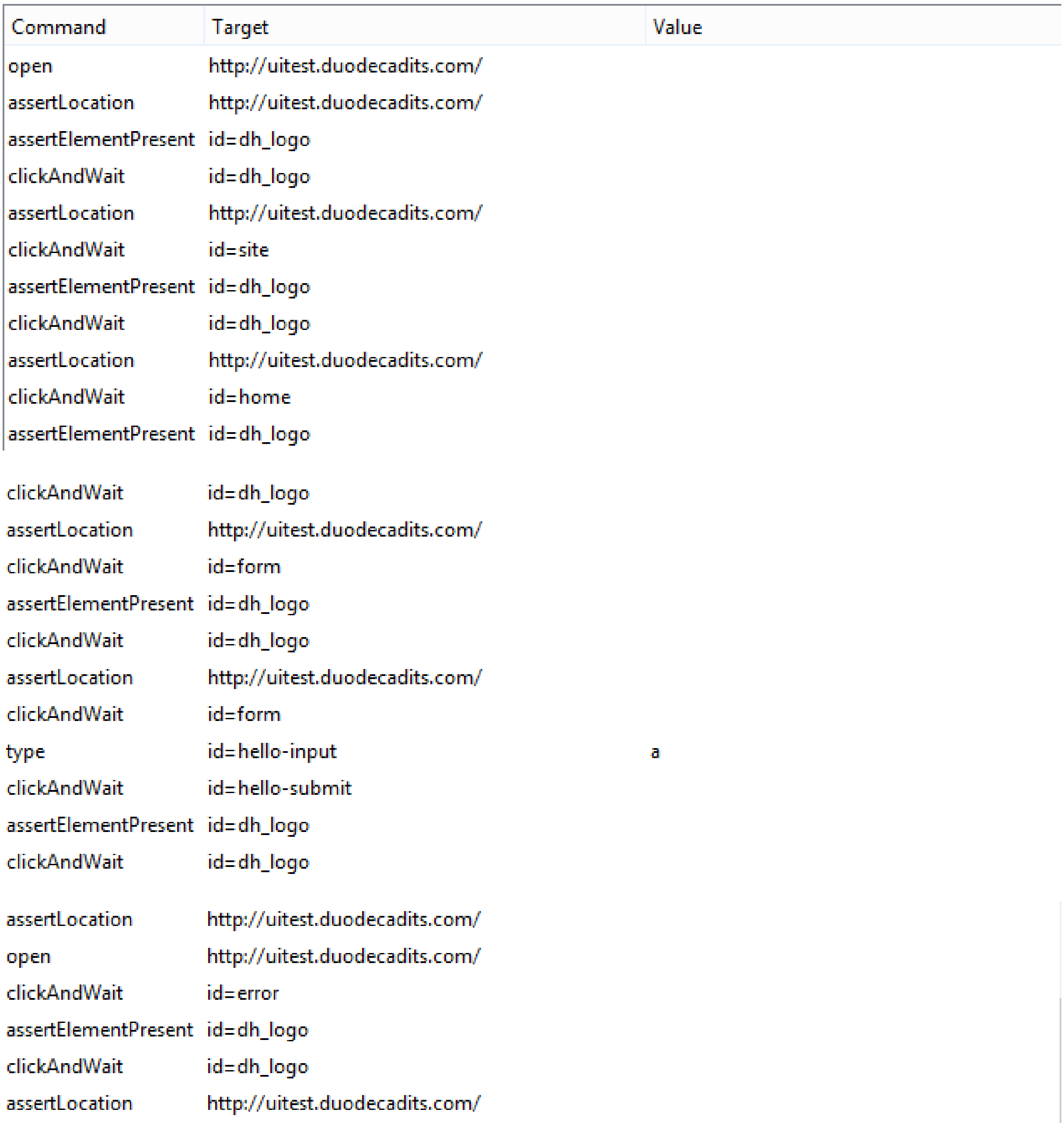
Requirement specifcation:

When I click on the Logo, I should get navigated to the Home page

Basic flow:

Scope: logo is functional as Home button

- step 1: open site
- step 2: assert location
- step 3: assert logo element is present
- step 4: click logo element and wait for page to load
- step 5: assert home page location
- step 6: click „UI Testing”
- step 7: assert logo element is present
- step 8: click logo element and wait for page to load
- step 9: assert home page location
- step 10: click „Home”
- step 11: assert logo element is present
- step 12: click logo element and wait for page to load
- step 13: assert home page location
- step 14: click „Form”
- step 15: assert logo element is present
- step 16: click logo element and wait for page to load
- step 17: assert home page location
- step 18: click „Form”
- step 19: input „a” in the input field
- step 20: click „Go!”
- step 21: assert logo element is present
- step 22: click logo element and wait for page to load
- step 23: assert home page location
- step 24: open home page
- step 25: click „Error”
- step 26: assert logo element is present
- step 27: click logo element and wait for page to load
- step 28: assert home page location



Command	Target	Value
open	http://uitest.duodecadits.com/	
assertLocation	http://uitest.duodecadits.com/	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
clickAndWait	id=site	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
clickAndWait	id=home	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
clickAndWait	id=form	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
clickAndWait	id=form	
type	id=hello-input	a
clickAndWait	id=hello-submit	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
open	http://uitest.duodecadits.com/	
clickAndWait	id=error	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-08</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-08</td></tr>
</thead><tbody>
<tr>
	<td>open</td>
	<td>http://uitest.duodecadits.com/</td>
	<td></td>
</tr>
<tr>
	<td>assertLocation</td>
	<td>http://uitest.duodecadits.com/</td>
	<td></td>
</tr>
<tr>
	<td>assertElementPresent</td>
	<td>id=dh_logo</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=dh_logo</td>
	<td></td>
</tr>
<tr>
	<td>assertLocation</td>
	<td>http://uitest.duodecadits.com/</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=site</td>
	<td></td>
</tr>
<tr>
	<td>assertElementPresent</td>
	<td>id=dh_logo</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=dh_logo</td>
	<td></td>
</tr>
<tr>
	<td>assertLocation</td>
	<td>http://uitest.duodecadits.com/</td>
	<td></td>
</tr>
<tr>
	<td>clickAndWait</td>
```

```
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>a</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
```

```
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=error</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=dh_logo</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

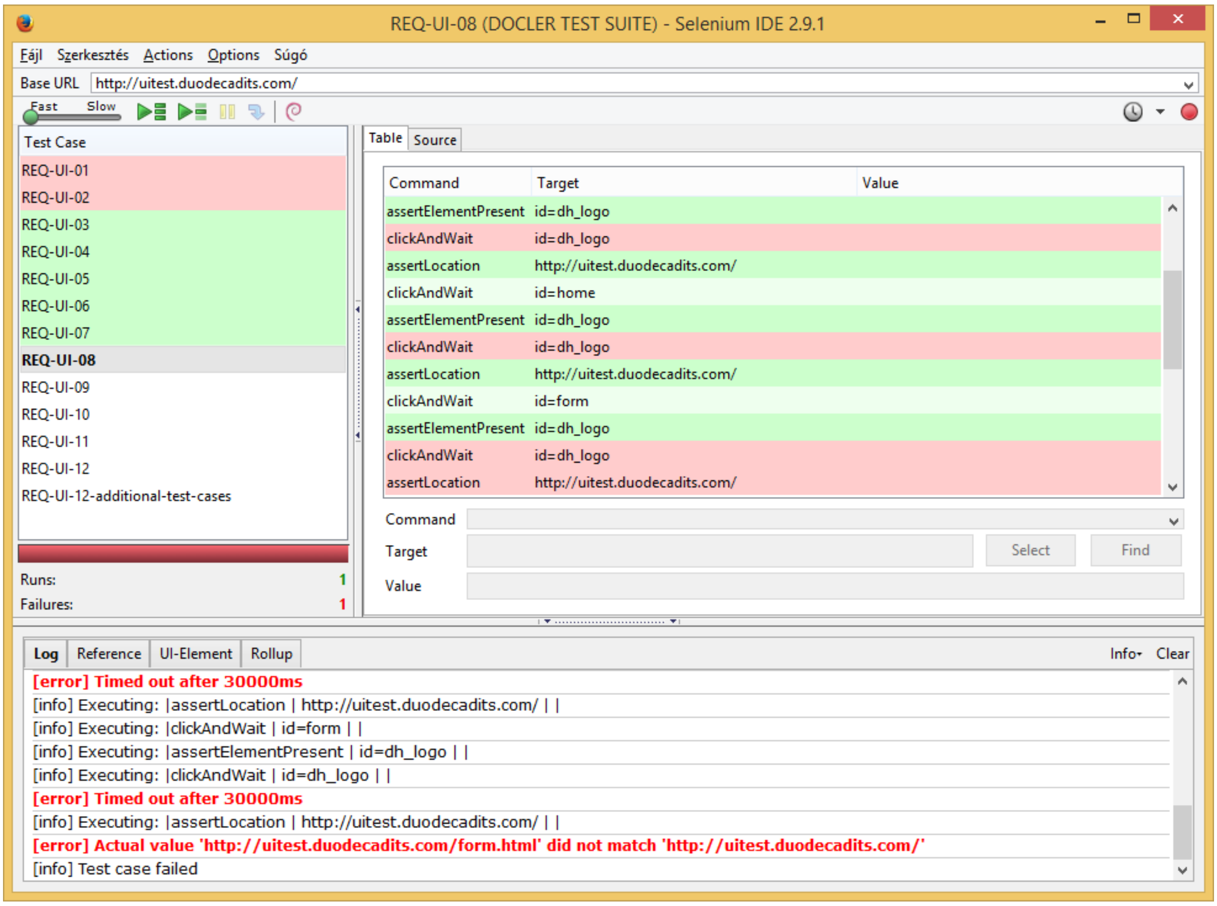
```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI08 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI08() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("dh_logo")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    driver.findElement(By.id("site")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("dh_logo")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    driver.findElement(By.id("home")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("dh_logo")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    driver.findElement(By.id("form")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("dh_logo")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("a");
    driver.findElement(By.id("hello-submit")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("dh_logo")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    driver.get("http://uitest.duodecadits.com/");
    driver.findElement(By.id("error")).click();
    assertTrue(isElementPresent(By.id("dh_logo")));
    driver.findElement(By.id("dh_logo")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

- [info] Playing test case REQ-UI-08
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=dh_logo | |
- [error] Timed out after 30000ms
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=dh_logo | |
- [error] Timed out after 30000ms
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=dh_logo | |
- [error] Timed out after 30000ms
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |assertElementPresent | id=dh_logo | |
- [info] Executing: |clickAndWait | id=dh_logo | |
- [error] Timed out after 30000ms
- [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
- [error] Actual value 'http://uitest.duodecadits.com/form.html' did not match 'http://uitest.duodecadits.com/'
- [info] Test case failed

Evaluation

Test case failed, the logo does not function as a home page link. The test did skip the part when the origination and destination are the same (UI Testing > Home, Home > Home) due to timeout, though if the logo is working it would give the correct result. This does not change anything, just a remark for future use.



Base URL http://uitest.duodecadits.com/

Test Case
- REQ-UI-01
- REQ-UI-02
- REQ-UI-03
- REQ-UI-04
- REQ-UI-05
- REQ-UI-06
- REQ-UI-07
- **REQ-UI-08**
- REQ-UI-09
- REQ-UI-10
- REQ-UI-11
- REQ-UI-12
- REQ-UI-12-additional-test-cases

Runs: 1
Failures: 1

Command	Target	Value
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
clickAndWait	id=home	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	
clickAndWait	id=form	
assertElementPresent	id=dh_logo	
clickAndWait	id=dh_logo	
assertLocation	http://uitest.duodecadits.com/	

Command

Target

Value

```
[error] Timed out after 30000ms
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |assertElementPresent | id=dh_logo | |
[info] Executing: |clickAndWait | id=dh_logo | |
[error] Timed out after 30000ms
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[error] Actual value 'http://uitest.duodecadits.com/form.html' did not match 'http://uitest.duodecadits.com/'
[info] Test case failed
```

2.9. REQ-UI-09

Requirement specifcation:

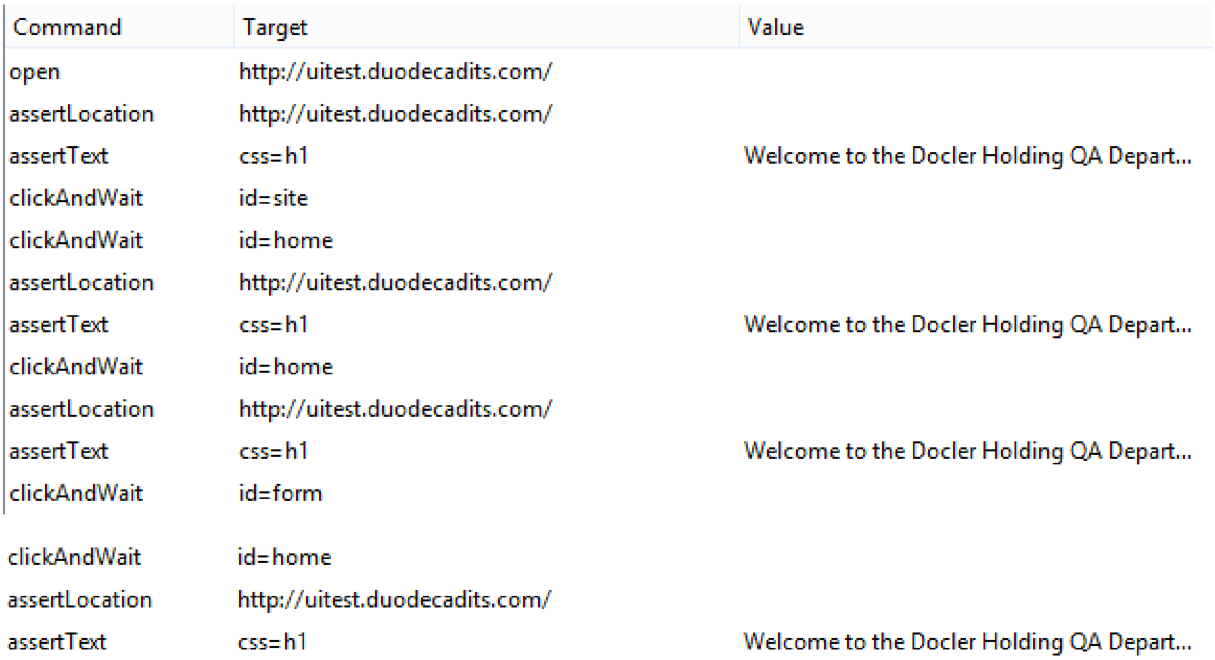
The following text should be visible on the Home page in <h1> tag:

"Welcome to the Docler Holding QA Department"

Basic flow:

Scope: the given text is present at the home page

- step 1: open site
- step 2: assert home page
- step 3: assert required text
- step 4: click „UI Testing”
- step 5: click „Home”
- step 6: assert home page
- step 7: assert required text
- step 8: click „Home”
- step 9: assert home page
- step 10: assert required text
- step 11: click „Form”
- step 12: click „Home”
- step 13: assert home page
- step 14: assert required text



Command	Target	Value
open	http://uitest.duodecadits.com/	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-09</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-09</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=h1</td>
        <td>Welcome to the Docler Holding QA Department</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

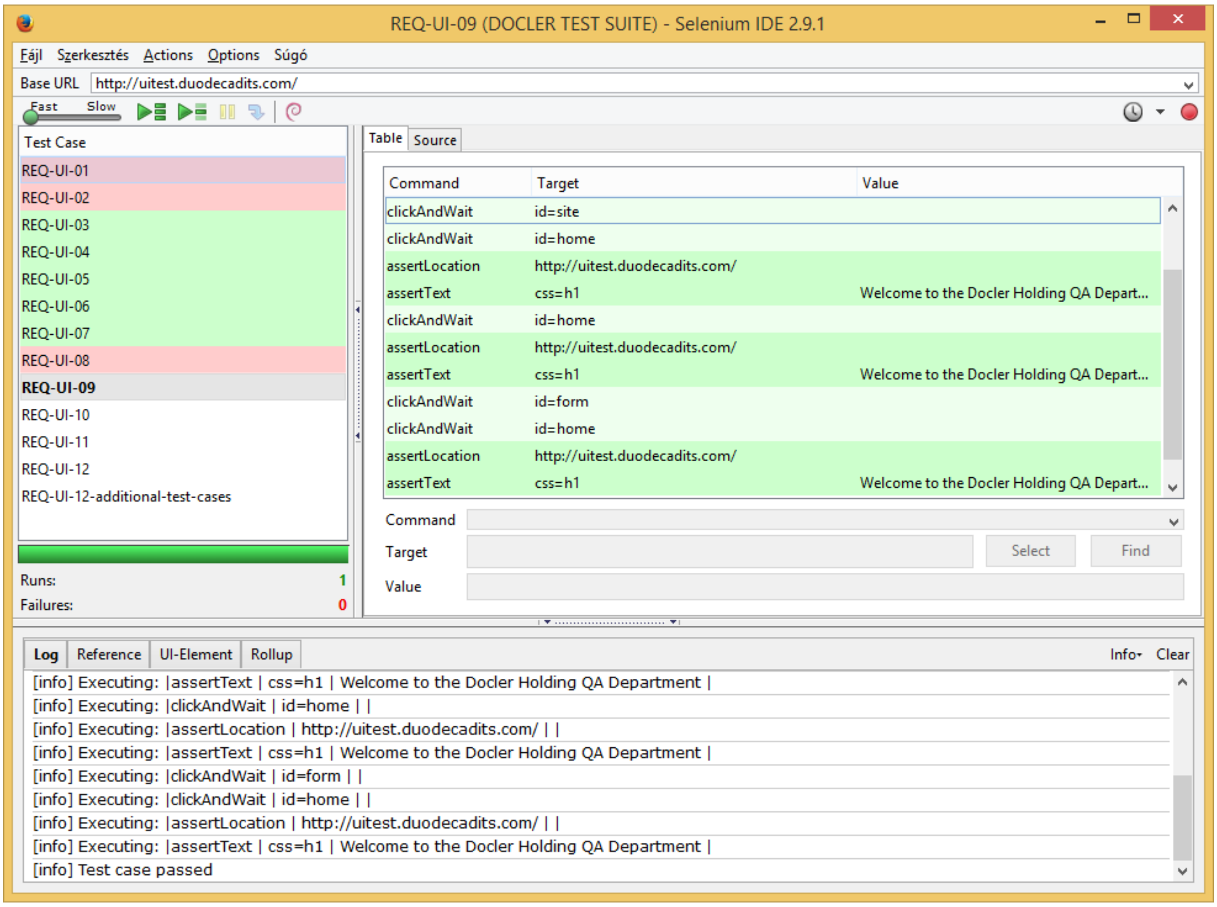
```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI09 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI09() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("Welcome to the Docler Holding QA Department", driver.findElement(By.cssSelector("h1")).getText());
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }
  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

```
• [info] Playing test case REQ-UI-09
• [info] Executing: |open | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |clickAndWait | id=site | |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Executing: |clickAndWait | id=form | |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
• [info] Test case passed
```

Evaluation

Test case was successful.



Base URL: http://uitest.duodecadits.com/

Test Case

- REQ-UI-01
- REQ-UI-02
- REQ-UI-03
- REQ-UI-04
- REQ-UI-05
- REQ-UI-06
- REQ-UI-07
- REQ-UI-08
- **REQ-UI-09**
- REQ-UI-10
- REQ-UI-11
- REQ-UI-12
- REQ-UI-12-additional-test-cases

Runs: 1

Failures: 0

Command	Target	Value
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=h1	Welcome to the Docler Holding QA Depart...

Command

Target

Value

```
[info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |assertText | css=h1 | Welcome to the Docler Holding QA Department |
[info] Test case passed
```

2.10. REQ-UI-10

<u>Requirement specifcation</u>:

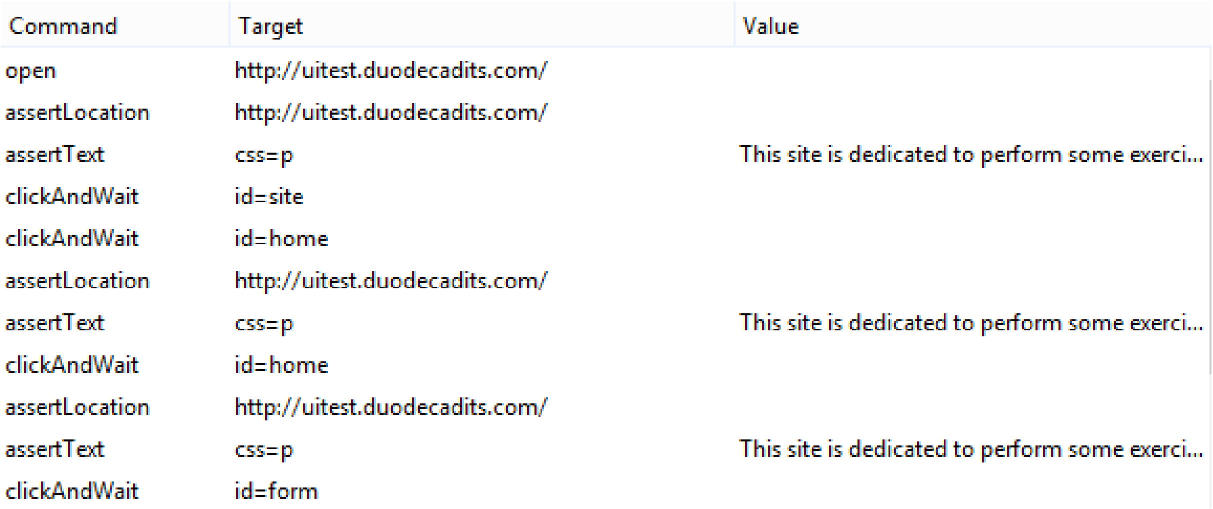
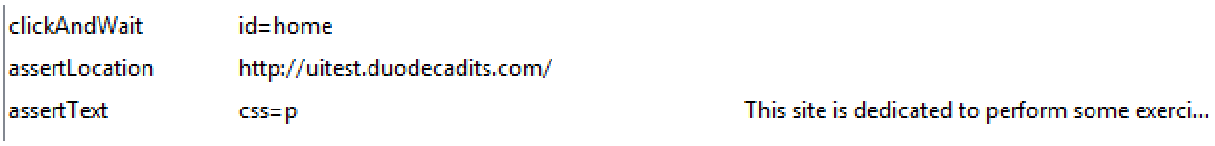
The following text should be visible on the Home page in <p> tag:

"This site is dedicated to perform some exercises and demonstrate automated web testing."

<u>Basic flow</u>:

Scope: the given text is present at the home page

- step 1: open site
- step 2: assert home page
- step 3: assert required text
- step 4: click „UI Testing”
- step 5: click „Home”
- step 6: assert home page
- step 7: assert required text
- step 8: click „Home”
- step 9: assert home page
- step 10: assert required text
- step 11: click „Form”
- step 12: click „Home”
- step 13: assert home page
- step 14: assert required text

Command	Target	Value
open	http://uitest.duodecadits.com/	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...
clickAndWait	id=form	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-10</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-10</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=p</td>
        <td>This site is dedicated to perform some exercises and demonstrate automated web testing.</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=p</td>
        <td>This site is dedicated to perform some exercises and demonstrate automated web testing.</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=p</td>
        <td>This site is dedicated to perform some exercises and demonstrate automated web testing.</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>assertLocation</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>css=p</td>
        <td>This site is dedicated to perform some exercises and demonstrate automated web testing.</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

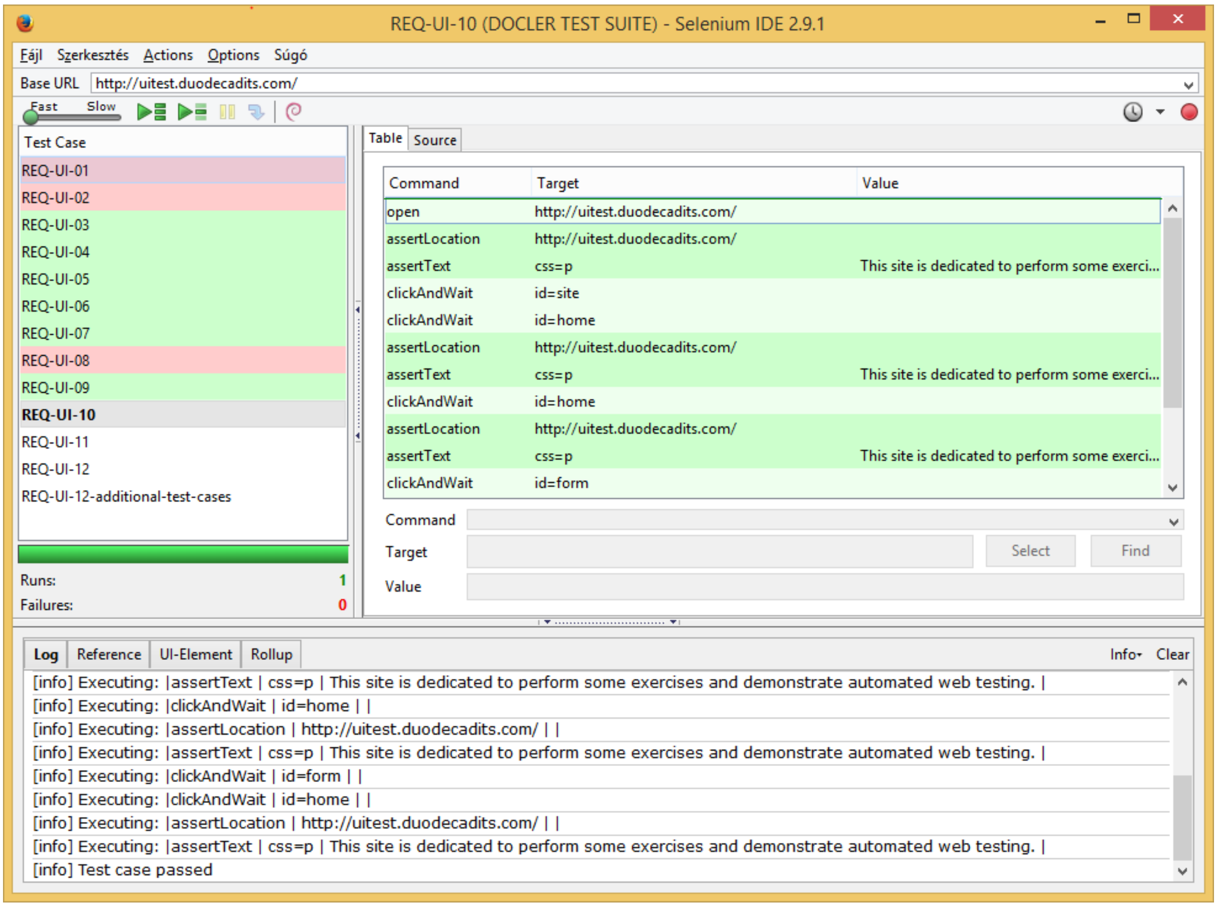
```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI10 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI10() throws Exception {
    driver.get("http://uitest.duodecadits.com/");
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("This site is dedicated to perform some exercises and demonstrate automated web testing.",
driver.findElement(By.cssSelector("p")).getText());
    driver.findElement(By.id("site")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("This site is dedicated to perform some exercises and demonstrate automated web testing.",
driver.findElement(By.cssSelector("p")).getText());
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("This site is dedicated to perform some exercises and demonstrate automated web testing.",
driver.findElement(By.cssSelector("p")).getText());
    driver.findElement(By.id("form")).click();
    driver.findElement(By.id("home")).click();
    assertEquals("http://uitest.duodecadits.com/", driver.getCurrentUrl());
    assertEquals("This site is dedicated to perform some exercises and demonstrate automated web testing.",
driver.findElement(By.cssSelector("p")).getText());
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

```
• [info] Playing test case REQ-UI-10
• [info] Executing: |open | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
• [info] Executing: |clickAndWait | id=site | |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
• [info] Executing: |clickAndWait | id=form | |
• [info] Executing: |clickAndWait | id=home | |
• [info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
• [info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
• [info] Test case passed
```

Evaluation

Test case was successful.



Base URL http://uitest.duodecadits.com/

Test Case

REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
open	http://uitest.duodecadits.com/	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...
clickAndWait	id=site	
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...
clickAndWait	id=home	
assertLocation	http://uitest.duodecadits.com/	
assertText	css=p	This site is dedicated to perform some exerci...
clickAndWait	id=form	

Command
Target
Value

```
[info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=home | |
[info] Executing: |assertLocation | http://uitest.duodecadits.com/ | |
[info] Executing: |assertText | css=p | This site is dedicated to perform some exercises and demonstrate automated web testing. |
[info] Test case passed
```

2.11. REQ-UI-11

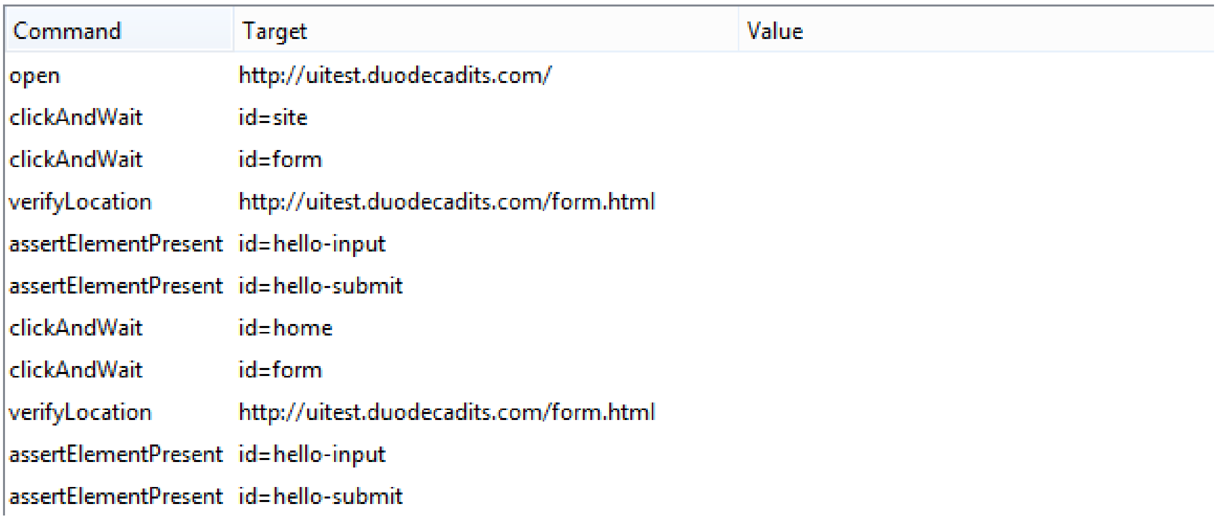
Requirement specifcation:

On the Form page, a form should be visible with one input box and one submit button

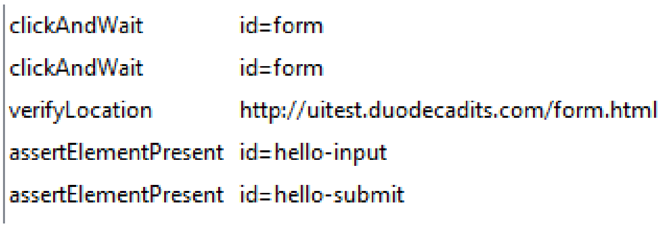
Basic flow:

Scope: input box and submit button are present at the Form page

- step 1: open site
- step 2: click „UI Testing”
- step 3: click „Form”
- step 4: verify current location page (for safety reasons)
- step 5: assert text box present
- step 6: assert button present
- step 7: click „Home”
- step 8: click „Form”
- step 9: verify current location page (for safety reasons)
- step 10: assert text box present
- step 11: assert button present
- step 12: click „Form”
- step 13: click „Form”
- step 14: verify current location page (for safety reasons)
- step 15: assert text box present
- step 16: assert button present



Command	Target	Value
open	http://uitest.duodecadits.com/	
clickAndWait	id=site	
clickAndWait	id=form	
verifyLocation	http://uitest.duodecadits.com/form.html	
assertElementPresent	id=hello-input	
assertElementPresent	id=hello-submit	
clickAndWait	id=home	
clickAndWait	id=form	
verifyLocation	http://uitest.duodecadits.com/form.html	
assertElementPresent	id=hello-input	
assertElementPresent	id=hello-submit	



clickAndWait	id=form
clickAndWait	id=form
verifyLocation	http://uitest.duodecadits.com/form.html
assertElementPresent	id=hello-input
assertElementPresent	id=hello-submit

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-11</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-11</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=site</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=hello-input</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=home</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=hello-input</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=form</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=hello-input</td>
        <td></td>
</tr>
<tr>
        <td>assertElementPresent</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI11 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }
```

```
@Test
public void testREQUI11() throws Exception {
  driver.get("http://uitest.duodecadits.com/");
  driver.findElement(By.id("site")).click();
  driver.findElement(By.id("form")).click();
  try {
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
  } catch (Error e) {
    verificationErrors.append(e.toString());
  }
  assertTrue(isElementPresent(By.id("hello-input")));
  assertTrue(isElementPresent(By.id("hello-submit")));
  driver.findElement(By.id("home")).click();
  driver.findElement(By.id("form")).click();
  try {
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
  } catch (Error e) {
    verificationErrors.append(e.toString());
  }
  assertTrue(isElementPresent(By.id("hello-input")));
  assertTrue(isElementPresent(By.id("hello-submit")));
  driver.findElement(By.id("form")).click();
  driver.findElement(By.id("form")).click();
  try {
    assertEquals("http://uitest.duodecadits.com/form.html", driver.getCurrentUrl());
  } catch (Error e) {
    verificationErrors.append(e.toString());
  }
  assertTrue(isElementPresent(By.id("hello-input")));
  assertTrue(isElementPresent(By.id("hello-submit")));
}

@After
public void tearDown() throws Exception {
  driver.quit();
  String verificationErrorString = verificationErrors.toString();
  if (!"".equals(verificationErrorString)) {
    fail(verificationErrorString);
  }
}

private boolean isElementPresent(By by) {
  try {
    driver.findElement(by);
    return true;
  } catch (NoSuchElementException e) {
    return false;
  }
}

private boolean isAlertPresent() {
  try {
    driver.switchTo().alert();
    return true;
  } catch (NoAlertPresentException e) {
    return false;
  }
}

private String closeAlertAndGetItsText() {
  try {
    Alert alert = driver.switchTo().alert();
    String alertText = alert.getText();
```

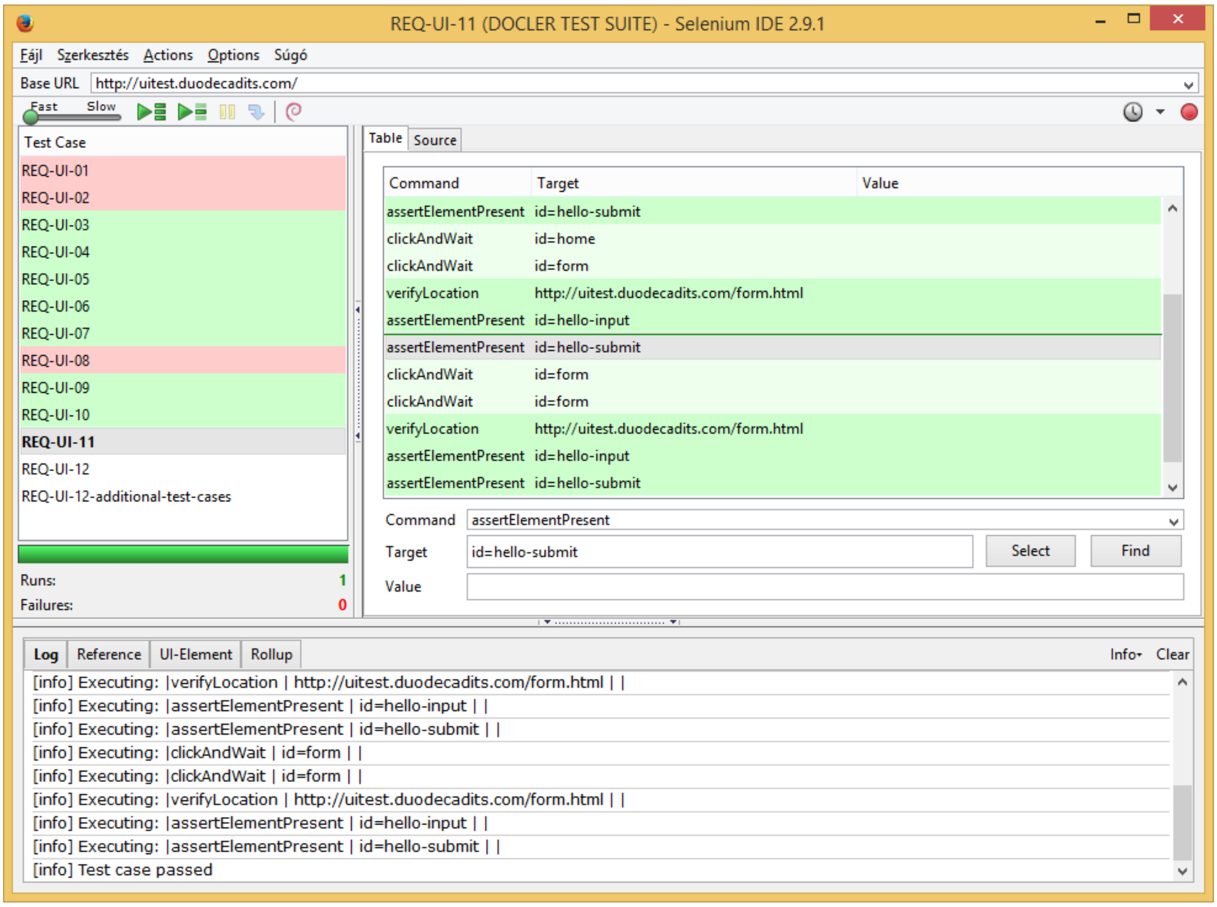
```
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

- [info] Playing test case REQ-UI-11
- [info] Executing: |open | http://uitest.duodecadits.com/ | |
- [info] Executing: |clickAndWait | id=site | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |verifyLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |assertElementPresent | id=hello-input | |
- [info] Executing: |assertElementPresent | id=hello-submit | |
- [info] Executing: |clickAndWait | id=home | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |verifyLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |assertElementPresent | id=hello-input | |
- [info] Executing: |assertElementPresent | id=hello-submit | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |clickAndWait | id=form | |
- [info] Executing: |verifyLocation | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |assertElementPresent | id=hello-input | |
- [info] Executing: |assertElementPresent | id=hello-submit | |
- [info] Test case passed

Evaluation

Test case was successful.



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
assertElementPresent	id=hello-submit	
clickAndWait	id=home	
clickAndWait	id=form	
verifyLocation	http://uitest.duodecadits.com/form.html	
assertElementPresent	id=hello-input	
assertElementPresent	id=hello-submit	
clickAndWait	id=form	
clickAndWait	id=form	
verifyLocation	http://uitest.duodecadits.com/form.html	
assertElementPresent	id=hello-input	
assertElementPresent	id=hello-submit	

Command: assertElementPresent
Target: id=hello-submit
Value:

```
[info] Executing: |verifyLocation | http://uitest.duodecadits.com/form.html | |
[info] Executing: |assertElementPresent | id=hello-input | |
[info] Executing: |assertElementPresent | id=hello-submit | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |clickAndWait | id=form | |
[info] Executing: |verifyLocation | http://uitest.duodecadits.com/form.html | |
[info] Executing: |assertElementPresent | id=hello-input | |
[info] Executing: |assertElementPresent | id=hello-submit | |
[info] Test case passed
```

2.12. REQ-UI-12

Requirement specifcation:

On the Form page, if you type <value> the input field and submit the form, you should get redirect to the Hello page, and the following text should appear: <result>

<value> | <result>

===========================

John | Hello John!

Sophia | Hello Sophia!

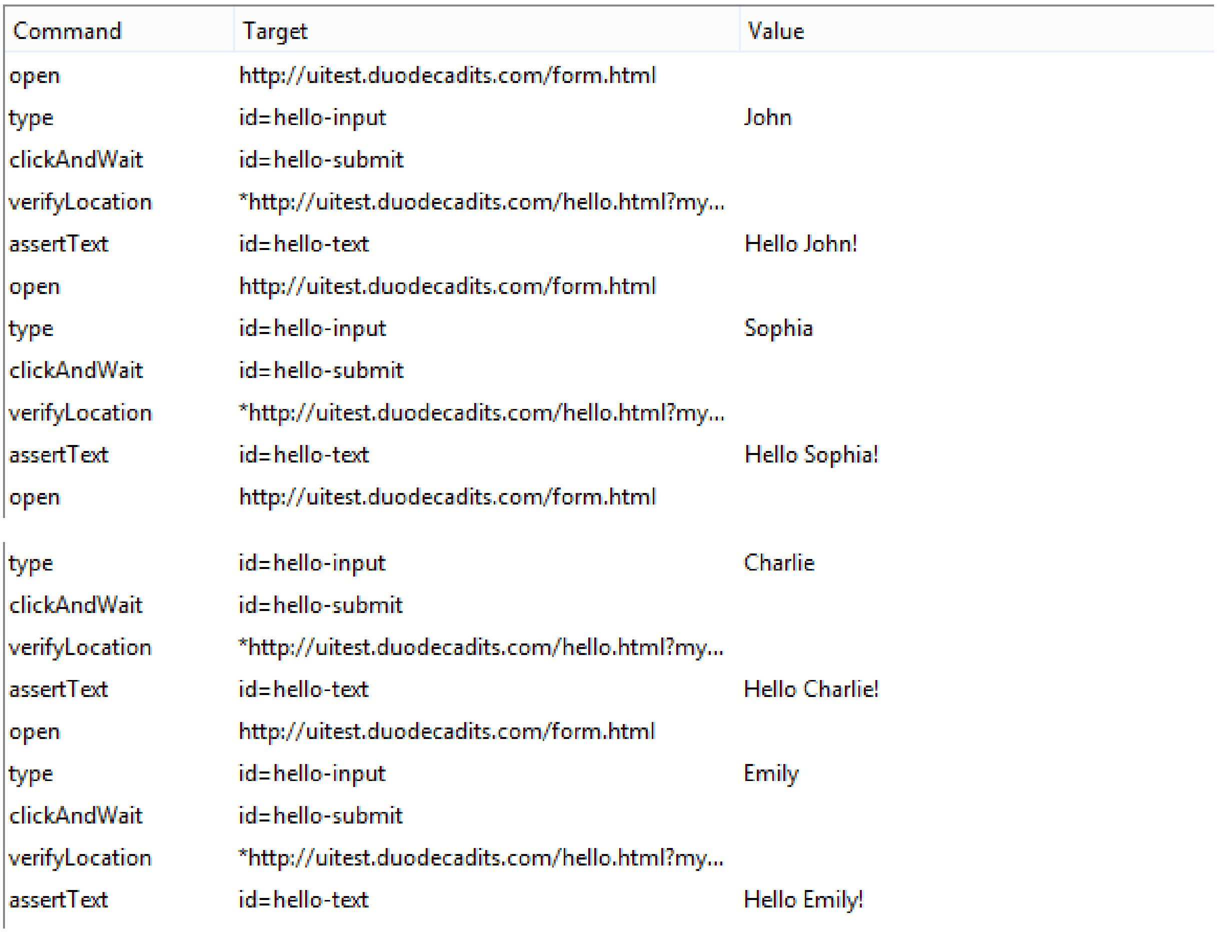
Charlie | Hello Charlie!

Emily | Hello Emily!

Basic flow:

Scope: basic functionality of input Form

- step 1: open site
- step 2: input „John” in the input field
- step 3: click „Go!”
- step 4: verify current location page (for safety reasons)
- step 5: assert text
- step 6: open site
- step 7: input „Sophia” in the input field
- step 8: click „Go!”
- step 9: verify current location page (for safety reasons)
- step 10: assert text
- step 11: open site
- step 12: input „Charlie” in the input field
- step 13: click „Go!”
- step 14: verify current location page (for safety reasons)
- step 15: assert text
- step 16: open site
- step 17: input „Emily” in the input field
- step 18: click „Go!”
- step 19: verify current location page (for safety reasons)
- step 20: assert text



Command	Target	Value
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	John
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello John!
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	Sophia
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello Sophia!
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	Charlie
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello Charlie!
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	Emily
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello Emily!

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-12</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-12</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>John</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>id=hello-text</td>
        <td>Hello John!</td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>Sophia</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>id=hello-text</td>
        <td>Hello Sophia!</td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>Charlie</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>id=hello-text</td>
        <td>Hello Charlie!</td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>Emily</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>id=hello-text</td>
        <td>Hello Emily!</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI12 {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI12() throws Exception {
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("John");
    driver.findElement(By.id("hello-submit")).click();
    try {

assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello John!", driver.findElement(By.id("hello-text")).getText());
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("Sophia");
    driver.findElement(By.id("hello-submit")).click();
    try {

assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello Sophia!", driver.findElement(By.id("hello-text")).getText());
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("Charlie");
    driver.findElement(By.id("hello-submit")).click();
    try {

assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello Charlie!", driver.findElement(By.id("hello-text")).getText());
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("Emily");
    driver.findElement(By.id("hello-submit")).click();
    try {

assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello Emily!", driver.findElement(By.id("hello-text")).getText());
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

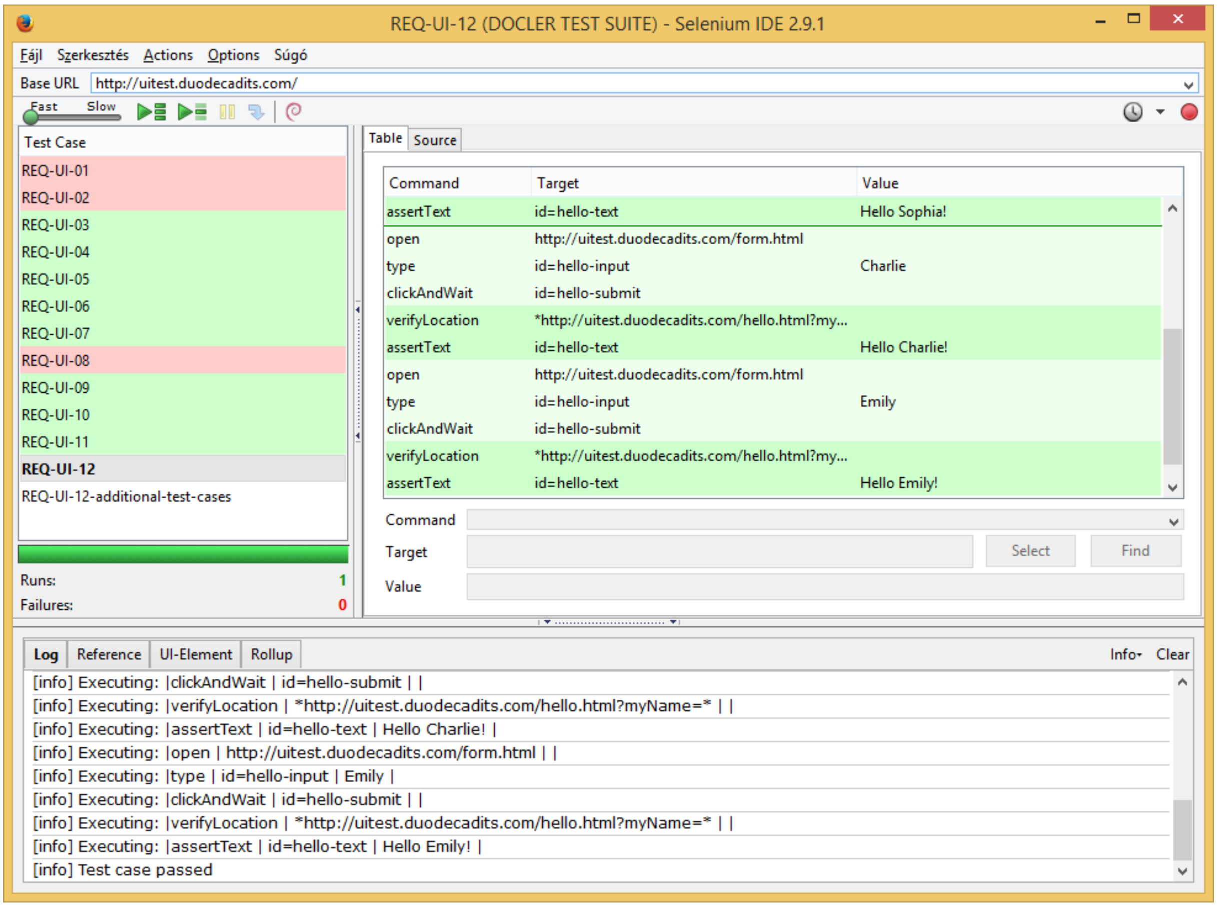
Result

```
• [info] Playing test case REQ-UI-12
• [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
• [info] Executing: |type | id=hello-input | John |
• [info] Executing: |clickAndWait | id=hello-submit | |
• [info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
• [info] Executing: |assertText | id=hello-text | Hello John! |
• [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
• [info] Executing: |type | id=hello-input | Sophia |
• [info] Executing: |clickAndWait | id=hello-submit | |
• [info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
• [info] Executing: |assertText | id=hello-text | Hello Sophia! |
• [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
• [info] Executing: |type | id=hello-input | Charlie |
• [info] Executing: |clickAndWait | id=hello-submit | |
• [info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
• [info] Executing: |assertText | id=hello-text | Hello Charlie! |
• [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
• [info] Executing: |type | id=hello-input | Emily |
• [info] Executing: |clickAndWait | id=hello-submit | |
• [info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
• [info] Executing: |assertText | id=hello-text | Hello Emily! |
• [info] Test case passed
```

Evaluation

Test case was successful.

Though there are concerns with the specification as it does not cover special characters, numbers, etc. That is the reason extra test case is added to cover this as well.



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 0

Command	Target	Value
assertText	id=hello-text	Hello Sophia!
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	Charlie
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello Charlie!
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	Emily
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello Emily!

```
[info] Executing: |clickAndWait | id=hello-submit | |
[info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
[info] Executing: |assertText | id=hello-text | Hello Charlie! |
[info] Executing: |open | http://uitest.duodecadits.com/form.html | |
[info] Executing: |type | id=hello-input | Emily |
[info] Executing: |clickAndWait | id=hello-submit | |
[info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
[info] Executing: |assertText | id=hello-text | Hello Emily! |
[info] Test case passed
```

2.13. REQ-UI-12-additional-tests

Requirement specifcation:

It is not in the specification, covers extreme cases for REQ-UI-12

Basic flow:

Scope: basic functionality of input Form (extreme cases)

- step 1: open site
- step 2: input „1234” in the input field
- step 3: click „Go!”
- step 4: verify current location page (for safety reasons)
- step 5: assert text
- step 6: open site
- step 7: input
  „AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA” in the input field
- step 8: click „Go!”
- step 9: verify current location page (for safety reasons)
- step 10: assert text
- step 11: open site
- step 12: input „ÁáäűĐđß” in the input field
- step 13: click „Go!”
- step 14: verify current location page (for safety reasons)
- step 15: assert text
- step 16: open site
- step 17: input „('{"!%_-#&@” in the input field
- step 18: click „Go!”
- step 19: verify current location page (for safety reasons)
- step 20: assert text

Source code:

Selenium IDE

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head profile="http://selenium-ide.openqa.org/profiles/test-case">
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<link rel="selenium.base" href="http://uitest.duodecadits.com/" />
<title>REQ-UI-12-additional-test-cases</title>
</head>
<body>
<table cellpadding="1" cellspacing="1" border="1">
<thead>
<tr><td rowspan="1" colspan="3">REQ-UI-12-additional-test-cases</td></tr>
</thead><tbody>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>1234</td>
</tr>
<tr>
        <td>clickAndWait</td>
        <td>id=hello-submit</td>
        <td></td>
</tr>
<tr>
        <td>verifyLocation</td>
        <td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
        <td></td>
</tr>
<tr>
        <td>assertText</td>
        <td>id=hello-text</td>
        <td>Hello 1234!</td>
</tr>
<tr>
        <td>open</td>
        <td>http://uitest.duodecadits.com/form.html</td>
        <td></td>
</tr>
<tr>
        <td>type</td>
        <td>id=hello-input</td>
        <td>AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</td>
```

```
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=hello-submit</td>
	<td></td>
</tr>
<tr>
	<td>verifyLocation</td>
	<td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
	<td></td>
</tr>
<tr>
	<td>assertText</td>
	<td>id=hello-text</td>
	<td>Hello
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA!</td>
</tr>
<tr>
	<td>open</td>
	<td>http://uitest.duodecadits.com/form.html</td>
	<td></td>
</tr>
<tr>
	<td>type</td>
	<td>id=hello-input</td>
	<td>ÁáäűĐđß</td>
</tr>
<tr>
	<td>clickAndWait</td>
	<td>id=hello-submit</td>
	<td></td>
</tr>
<tr>
	<td>verifyLocation</td>
	<td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
	<td></td>
</tr>
<tr>
	<td>assertText</td>
	<td>id=hello-text</td>
	<td>Hello ÁáäűĐđß!</td>
</tr>
<tr>
	<td>open</td>
	<td>http://uitest.duodecadits.com/form.html</td>
	<td></td>
</tr>
<tr>
	<td>type</td>
	<td>id=hello-input</td>
```

```
		<td>('{&quot;!%_-#&amp;@</td>
</tr>
<tr>
		<td>clickAndWait</td>
		<td>id=hello-submit</td>
		<td></td>
</tr>
<tr>
		<td>verifyLocation</td>
		<td>*http://uitest.duodecadits.com/hello.html?myName=*</td>
		<td></td>
</tr>
<tr>
		<td>assertText</td>
		<td>id=hello-text</td>
		<td>Hello ('{&quot;!%_-#&amp;@!</td>
</tr>
</tbody></table>
</body>
</html>
```

JAVA

```
package com.example.tests;

import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import org.junit.*;
import static org.junit.Assert.*;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class REQUI12AdditionalTestCases {
  private WebDriver driver;
  private String baseUrl;
  private boolean acceptNextAlert = true;
  private StringBuffer verificationErrors = new StringBuffer();

  @Before
  public void setUp() throws Exception {
    driver = new FirefoxDriver();
    baseUrl = "http://uitest.duodecadits.com/";
    driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
  }

  @Test
  public void testREQUI12AdditionalTestCases() throws Exception {
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("1234");
    driver.findElement(By.id("hello-submit")).click();
    try {

assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello 1234!", driver.findElement(By.id("hello-text")).getText());
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-
input")).sendKeys("AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA");
    driver.findElement(By.id("hello-submit")).click();
    try {

assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
```

```
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello 
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA!", driver.findElement(By.id("hello-text")).getText());
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("ÁáäűĐđß");
    driver.findElement(By.id("hello-submit")).click();
    try {
      
assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello ÁáäűĐđß!", driver.findElement(By.id("hello-text")).getText());
    driver.get("http://uitest.duodecadits.com/form.html");
    driver.findElement(By.id("hello-input")).clear();
    driver.findElement(By.id("hello-input")).sendKeys("('{\"!%_-#&@");
    driver.findElement(By.id("hello-submit")).click();
    try {
      
assertTrue(driver.getCurrentUrl().matches("^[\\s\\S]*http://uitest\\.duodecadits\\.com/hello\\.html[\\s\\S]myName=[\\
s\\S]*$"));
    } catch (Error e) {
      verificationErrors.append(e.toString());
    }
    assertEquals("Hello ('{\"!%_-#&@!", driver.findElement(By.id("hello-text")).getText());
  }

  @After
  public void tearDown() throws Exception {
    driver.quit();
    String verificationErrorString = verificationErrors.toString();
    if (!"".equals(verificationErrorString)) {
      fail(verificationErrorString);
    }
  }

  private boolean isElementPresent(By by) {
    try {
      driver.findElement(by);
      return true;
    } catch (NoSuchElementException e) {
      return false;
    }
  }

  private boolean isAlertPresent() {
    try {
      driver.switchTo().alert();
      return true;
    } catch (NoAlertPresentException e) {
      return false;
    }
  }

  private String closeAlertAndGetItsText() {
    try {
      Alert alert = driver.switchTo().alert();
      String alertText = alert.getText();
      if (acceptNextAlert) {
        alert.accept();
      } else {
        alert.dismiss();
      }
      return alertText;
    } finally {
      acceptNextAlert = true;
    }
  }
}
```

Result

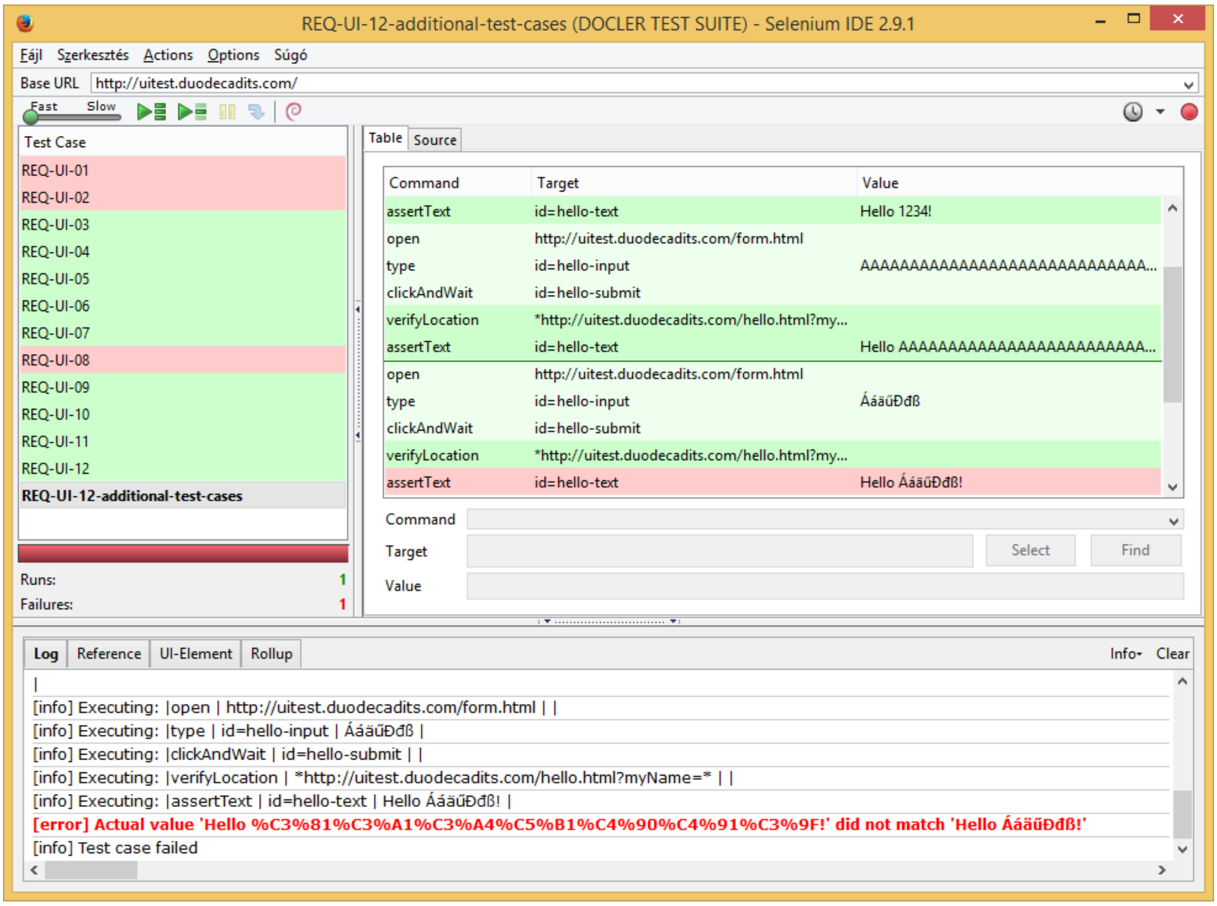
```
•   [info] Playing test case REQ-UI-12-additional-test-cases
•   [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
•   [info] Executing: |type | id=hello-input | 1234 |
•   [info] Executing: |clickAndWait | id=hello-submit | |
•   [info] Executing: |verifyLocation |
    *http://uitest.duodecadits.com/hello.html?myName=* | |
•   [info] Executing: |assertText | id=hello-text | Hello 1234! |
•   [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
•   [info] Executing: |type | id=hello-input |
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA |
•   [info] Executing: |clickAndWait | id=hello-submit | |
•   [info] Executing: |verifyLocation |
    *http://uitest.duodecadits.com/hello.html?myName=* | |
•   [info] Executing: |assertText | id=hello-text | Hello
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

AAA! |

- [info] Executing: |open | http://uitest.duodecadits.com/form.html | |
- [info] Executing: |type | id=hello-input | ÁáäűĐđß |
- [info] Executing: |clickAndWait | id=hello-submit | |
- [info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
- [info] Executing: |assertText | id=hello-text | Hello ÁáäűĐđß! |
- [error] Actual value 'Hello %C3%81%C3%A1%C3%A4%C5%B1%C4%90%C4%91%C3%9F!' did not match 'Hello ÁáäűĐđß!'
- [info] Test case failed

Evaluation

Test case was failed at special characters. UTF-8 is not sufficient for characters like *ÁáäűĐđß,* LATIN-1 is preferred in this case. Make note it is not part of the specification.



Base URL http://uitest.duodecadits.com/

Test Case
REQ-UI-01
REQ-UI-02
REQ-UI-03
REQ-UI-04
REQ-UI-05
REQ-UI-06
REQ-UI-07
REQ-UI-08
REQ-UI-09
REQ-UI-10
REQ-UI-11
REQ-UI-12
REQ-UI-12-additional-test-cases

Runs: 1
Failures: 1

Command	Target	Value
assertText	id=hello-text	Hello 1234!
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA...
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello AAAAAAAAAAAAAAAAAAAAAAAAA...
open	http://uitest.duodecadits.com/form.html	
type	id=hello-input	ÁáäűĐđß
clickAndWait	id=hello-submit	
verifyLocation	*http://uitest.duodecadits.com/hello.html?my...	
assertText	id=hello-text	Hello ÁáäűĐđß!

Command
Target
Value

```
|
[info] Executing: |open | http://uitest.duodecadits.com/form.html | |
[info] Executing: |type | id=hello-input | ÁáäűĐđß |
[info] Executing: |clickAndWait | id=hello-submit | |
[info] Executing: |verifyLocation | *http://uitest.duodecadits.com/hello.html?myName=* | |
[info] Executing: |assertText | id=hello-text | Hello ÁáäűĐđß! |
[error] Actual value 'Hello %C3%81%C3%A1%C3%A4%C5%B1%C4%90%C4%91%C3%9F!' did not match 'Hello ÁáäűĐđß!'
[info] Test case failed
```

3. Test summary

Test case	Input values	Expected outcome	Actual outcome	Result
REQ-UI-01	specified above	the given title is at all pages	failed at Error page	FAIL
REQ-UI-02	specified above	the given logo is at all pages	failed at Error page	FAIL
REQ-UI-03	specified above	Home button navigation is working	Home button is navigation is working	PASS
REQ-UI-04	specified above	Home button is active if pressed	Home button is active if pressed	PASS
REQ-UI-05	specified above	Form button navigation is working	Form button navigation is working	PASS
REQ-UI-06	specified above	Form button is active if pressed	Form button is active if pressed	PASS
REQ-UI-07	specified above	404 response code is present	404 response code is present	PASS
REQ-UI-08	specified above	logo should work as a home page button	logo is not functioning as a home page button	FAIL
REQ-UI-09	specified above	the given text is present at the home page	the given text is present at the home page	PASS
REQ-UI-10	specified above	the given text is present at the home page	the given text is present at the home page	PASS
REQ-UI-11	specified above	input box and submit button are present at the Form page	input box and submit button are present at the Form page	PASS
REQ-UI-12	specified above	basic functionality of input Form	input form gave back the expected result	PASS
REQ-UI-12-additional-tests	specified above	basic functionality of input Form (extreme cases)	failed at special characters	FAIL