**Software Development Academy**

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Abstract

This work is the presentation of testing results of the web page www.ulmas.lt

TESTING THE WEB PAGE www.ulmas.lt

The final QA project

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# The purpose of this work

The purpose of this work is to practise testing skills acquired during lectures in Software Development Academy and represent the web page ([www.ulmas.lt](http://www.ulmas.lt)) testing results.

# Testing section

The object of this work is testing the web page [www.ulmas.lt](http://www.ulmas.lt). The chosen sections are: functionality of the home page in Lithuanian, English and Russian languages, the registration form and the UI of both – home page and registration form. The testable areas are coloured in the scheme. As well as testing on PC, the responsive view was tested on a smart phone.

HOME PAGE

HEADER MENU:

* Apie mus
* Naujienos
* Kontaktai
* Paslaugos

LT

EN

RU

Prisijungti

Registruotis

FOOTER MENU:

* Filialai
* Bendra informacija

Registracijos forma

Naujas klientas

Sugrįžęs klientas

PLOKŠTINĖS MEDŽIAGOS:

* HDF
* MDF
* Fanera
* Stalviršiai

FURNITŪRA:

* Lankstai
* Pakabėlės
* Laikikliai
* Profiliai
* ...

# 3.Testing checklists for [www.ulmas.lt](http://www.ulmas.lt)

## 3.1 Testing on PC

### 3.1.1 Functional testing

#### 3.1.1.1 Home page

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Checkpoint** | **Yes/No** | **Comments** |
| 1. **Logo:** | | | |
| 1.1 | Does the logo “Ulmas” in the top left corner navigate to home page? | Yes |  |
| 1.2 | Does the logo “Pfleiderer partneris”in the top right corner navigate to “Pfleiderer” page? | No | It navigates to “Ulmas” home page. |
| 1. **Links in the home page:** | | | |
| 2.1 | Do the header links (“APIE MUS”, “NAUJIENOS”, “KONTAKTAI”, PASLAUGOS”) navigate to these specific pages? | Yes |  |
| 2.2 | Do the links “Plokštinės medžiagos“ and “Furnitūra“ work correctly? | Yes |  |
| 2.3 | Does the link “Prisijungti” navigate to login page? | Yes |  |
| 2.4 | Does the link “Registruotis” navigate to the registration page? | Yes |  |
| 2.5 | Does the shopping cart link work correctly? | No | The link does not work; shopping cart should have a link to e-shop or mouse hand icon should be updated to a standard one. |
| 2.6 | Do the both links “Plačiau“ navigate to these specific pages? | Yes |  |
| 2.7 | Does the link “Naujausi” navigate to this specific page? | No | The link does not work; the title should have a link or a mouse hand icon should be updated to a standard one. |
| 2.8 | Does the link “Naujienos” navigate to this specific page? | Yes |  |
| 2.9 | Do the links with the branches of “Ulmas” (Kaunas, Vilnius, Šiauliai, Klaipėda) addresses work and show their place in the map? | Yes |  |
| 2.10 | Does the link “R. Kalantos 49, Kaunas” in Kaunas branch work? | Yes |  |
| 2.11 | Do the links at the bottom of the home page (“Apie mus”, “Kontaktai”, “Paslaugos”, etc.) navigate to these specific pages? | Yes |  |
| 2.12 | Do the navigation arrows in sections “Naujausi”, “Naujienos”, “Gamintojai” work correctly? | Yes |  |
| 1. **Search:** | | | |
| 3.1 | Does the “Search” button work? | Yes |  |
| 1. **The selection of languages:** | | | |
| 4.1 | Does the drop down menu of the languages work? | Yes |  |
| 4.2 | Does the page switch into English language? | Yes |  |
| 4.3 | Does the page switch into Russian language? | Yes |  |
| **5. Booking of the newsletter** | | | |
| 5.1 | Does the button “Užsakyti“ of the newsletter work when you press it? | Yes | The user gets the notification message of incorrect email address. |
| 5.2 | Does the email field have email format validation? | No | When you enter invalid email format ([dzeinute@yahoo.com.com](mailto:dzeinute@yahoo.com.com)) it is accepted. |
| 5.3 | Does the booking of the newsletter work when you enter valid email ([dzeinute@yahoo.com](mailto:dzeinute@yahoo.com))? | Yes |  |

#### 3.1.1.2 Account registration form

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Checkpoint** | | | **Yes/**  **No** | | **Comments** |
| 1. **General** | | | | | | |
| 1.1 | Are the required fields marked with an Asterix? | | | Yes | |  |
| 1.2 | Is Tab Order working correctly? | | | No | | It does not mark check box “Privatumo politika” and does not press the button “Registruotis” |
| 1.3 | Is the registration accepted with all fields empty? | | | No | | The user gets a notification and validation messages. |
| 1. **Validations** | | | | | | |
| **2.1 The field “Vardas”:** | | | | | | |
| 2.1.1 | Does the field accept numbers? | | | Yes | | It accepts the name “123”. |
| 2.1.2 | Does the field accept letters? | | | Yes | | It accepts the name “aaa” |
| 2.1.3 | Does the field accept no symbols? | | | No | |  |
| 2.1.4 | Does the field accept one symbol? | | | Yes | |  |
| 2.1.5 | Does the field accept 33 symbols? | | | No | |  |
| 2.1.6 | Does the field accept other symbols e.g. (), @, #, $, \*? | | | Yes | |  |
| **2.2 The field “Pavardė“:** | | | | | | |
| 2.2.1 | Does the field accept numbers? | | | Yes | | It accepts the surname “123”. |
| 2.2.2 | Does the field accept letters? | | | Yes | | It accepts the surname “aaa”. |
| 2.2.3 | Does the field accept no symbols? | | | No | |  |
| 2.2.4 | Does the field accept one symbol? | | | Yes | |  |
| 2.2.5 | Does the field accept 33 symbols? | | | No | |  |
| 2.2.6 | Does the field accept other symbols e.g. (), @, #, $, \*? | | | Yes | |  |
| 2.3 | Does the field **“El. Paštas“** have email format validation? | | No | | It accepts the email “dzeinute@yahoo.com.com” | |
| 2.3.1 | Does the field **“El. Paštas“** accept the email without „@“? | | No | |  | |
| 2.4 | Does the field **“Telefono nr.”** accept letters? | | Yes | | On PC - it accepts letters; on smart phone - the keyboard of numbers shows on the screen | |
| **2.5 The field “Įmonė/ Vardas pavardė“:** | | | | | | |
| 2.5.1 | Does the field accept no symbols? | | No | |  | |
| 2.5.2 | Does the field accept one symbol? | | No | |  | |
| 2.5.3 | Does the field accept two symbols? | | Yes | |  | |
| 2.5.4 | Does the field accept 129 symbols? | | No | |  | |
| 2.5.5 | Does the field accept numbers? | | Yes | | It accepts the name “123” | |
| 2.5.6 | Does the field accept letters? | | Yes | | It accepts the name “jkl” | |
| 2.5.7 | Does the field accept other symbols, e.g. (), @, #, $, \*? | | Yes | |  | |
| 2.6 | Does the field **“Įmonės kodas“** accept letters? | | Yes | | It accepts the code “asd”. | |
| **2.7 The field “Adresas 1”:** | | | | | | |
| 2.7.1 | Does the field have an address format validation? | | No | | It accepts the random set of the letters, e.g. dfhnikvbsivb | |
| 2.7.2 | Does the field accept one symbol? | | No | |  | |
| 2.7.3 | Does the field accept 3 symbols? | | Yes | |  | |
| 2.7.4 | Does the field accept 129 symbols? | | No | |  | |
| 2.7.5 | Does the field accept numbers? | | Yes | |  | |
| **2.8 The field “Miestas”:** | | | | | | |
| 2.8.1 | Does the field accept letters? | | Yes | |  | |
| 2.8.2 | Does the field accept numbers? | | Yes | |  | |
| 2.8.3 | Does the field accept one symbol? | | No | |  | |
| 2.8.4 | | Does the field accept two symbols? | Yes | |  | |
| 2.8.5 | | Does the field accept 129 symbols? | No | |  | |
| 2.8.6 | | Does the field accept other symbols, e.g. (), @, #, $, \*? | Yes | |  | |
| **2.9 The field “Slaptažodis”:** | | | | | | |
| 2.9.1 | | Does the field accept no symbols? | No | |  | |
| 2.9.2 | | Does the field accept one symbol? | No | |  | |
| 2.9.3 | | Does the field accept 4 symbols? | Yes | |  | |
| 2.9.4 | | Does the field accept 21 symbols? | No | |  | |
| 2.9.5 | | Does it check the entered password with the password in the confirmation field? | Yes | |  | |

### 3.1.2 Testing UI

#### 3.1.2.1 Home page

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | | **Checkpoint** | **Yes/**  **No** | | | **Comments** |
| 1. **Font, size, color and background** | | | | | | |
| 1.1 | | Are the links of products categories (“Plokštinės medžiagos“ and „ Furnitūra“) the same font, size and color? | Yes | | |  |
| 1.2 | | Are the links “Naujausi”, “Gamintojai”, “Naujienos” the same font, size and color? | Yes | | |  |
| 1.3 | | Are the underlines below the links “Naujausi”, “Gamintojai”, “Naujienos” the same background? | Yes | | |  |
| 1.4 | | Are the contacts of the branches at the bottom of the page the same font, size and color? | Yes | | |  |
| 1.5 | | Are the links at the bottom of the page (“Apie mus”, “Kontaktai”, “Paslaugos”, etc.) the same font, size and color? | Yes | | |  |
| **2. The information in English:** | | | | | | |
| **2.1 The font, size, color** | | | | | | |
| 2.1.1 | | Are the links (“About us”, “News”, “Contact”) at the top of the page the same font, size and color? | Yes | | |  |
| 2.1.2 | | Do the links at the top of the page look correctly? | Yes | | |  |
| 2.1.3 | | Do the links “Home\_News” and “More” look correctly? | | No | The link “Home\_News” should be “News” | |
| 2.1.4 | | Are the addresses of the branches of “Ulmas” the same font, size and color? | | Yes |  | |
| 2.1.5 | | Are the links at the bottom of the page the same font, size and color? | | Yes |  | |
| **2.2 The links functionality:** | | | | | | |
| 2.2.1 | | Do the links on the top of the page is in English and navigate to these specific pages in English | | No | 1. The links are in English. 2. The link “About us” navigate to the page in English. 3. The link “News” navigates to the page in Lithuanian but, when you press the news title, opens empty pages. 4. The link “Contact” navigates to the contact page but the section “Rekvizitai” is in Lithuanian | |
| 2.2.2 | | Does the link “More” navigate to this specific page in English | | No | The link navigates to the page in Lithuanian | |
| 2.2.3 | | Does the link “Home\_News” navigate to this specific page in English | | No | The link navigates to the page in Lithuanian but, when you press the news title, opens empty pages. | |
| 2.2.4 | | Do the links at the bottom of the page are in English. | | No | The links “Karjera” and “Dizaineris pataria” are in Lithuanian | |
| 2.2.5 | | Do the links at the bottom of the page (“Apie mus”, “Kontaktai”, “Paslaugos”, etc.) navigate to these specific pages in English | | No | 1. The link “About us” navigates to the page in English. 2. The link “Contact” navigates to the contact page but the section “Rekvizitai” is in Lithuanian. 3. The link “Karjera” navigates to the empty page. 4. The link “Privacy policy” navigates to the page with the new link “Privacy policy in English”. 5. The link “Dizaineris pataria” navigates to the empty page. 6. The link “Terms & Conditions” navigates to the empty page. 7. The link “Delivery information” navigates to the empty page. | |
| **3. The information in Russian:** | | | | | | |
| **3.1 The font, size, color:** | | | | | | |
| 3.1.1 | | Are the links Are the links (“About us”, “News”, “Contact”) at the top of the page the same font, size and color? | | Yes |  | |
| 3.1.2 | | Do the links at the top of the page look correctly? | | No | The link “Header\_News\_Title” should be in Russian | |
| 3.1.3 | | Do the links “Home\_news” and “Home\_More”look correctly? | | No | The both links should be in Russian | |
| 3.1.4 | | Are the addresses of the branches the same font, size and color? | | Yes |  | |
| 3.1.5 | | Are the links at the bottom of the page the same font, size and color? | | No | The link “Kontaktai” should be in lowercase | |
| * 1. **The links in Russian:** | | | | | | |
| 3.2.1 | Do the links on the top of the page is in Russian and navigate to these specific pages in Russian | | | No | 1. The link “Header\_News\_Title” should be in Russian. 2. The link “O ФИРМЕ” navigates to the page in Russian. 3. The link “Header\_News\_Title” navigates to the page in English. | |
| 3.2.2 | Does the link “More\_Title” navigate to this specific page in Russian. | | | No | 1. The link navigates to the page in Lithuanian. 2. The title of the button should be in Russian. | |
| 3.2.3 | Does the link “Home\_News” navigate to this specific page in Russian. | | | No | 1. The link navigates to the page in English but, when you press the news title, opens empty pages. 2. The title of the button should be in Russian. | |
| 3.2.4 | Do the links at the bottom of the page are in Russian. | | | No | The links “Karjera”, “Dizaineris pataria”, “Taisyklės“ and  “Pristatymo informacija” are in Lithuanian | |
| 3.2.5 | Do the footer links (“Apie mus”, “Kontaktai”, “Paslaugos”, etc.) navigate to these specific pages in Russian. | | | No | 1. The link “O ФИРМЕ” navigates to the page in Russian. 2. The link “контакты” navigates to the contact page but the section “Rekvizitai” is in Lithuanian; the section “Have questions? Conatct us” is in English. 3. The link “Karjera” navigates to the empty page. 4. The link “Политика конфиденциальности ” navigates to the page with the new link “Политика конфиденциальностu”. 5. The link “Dizaineris pataria” navigates to the empty page. 6. The link “Taisyklės” navigates to the empty page. 7. The link “Pristatymo informcija” navigates to the empty page. | |

#### 3.1.2.2 Registration form

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Checkpoint** | **Yes/**  **No** | **Comments** |
| 1. | Are the titles of the fields the same font, size and color? | Yes |  |
| 2. | Are the titles of the categories in the registration form (“Jūsų asmeninė informacija“, „Jūsų adresas“, „Jūsų slaptažodis“) the same font, size and color? | Yes |  |
| 3. | Are the borders of the fields the same length? | Yes |  |
| 4. | Are the borders of the fields the same background and paddings? | Yes |  |
| 5. | Is the registration form’s layout in order? | Yes |  |
| 6. | Are the fields of the form aligned to a title? | Yes |  |

## 3.2 Testing responsive view

### 3.2.1 Huawei

#### 3.2.1.1 Home page

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Checkpoint** | **Yes/**  **No** | **Comments** |
| 1. **Font, size, color and background:** | | | |
| 1.1 | Are the links of products categories (“Plokštinės medžiagos“ and „ Furnitūra“) the same font, size and color? | Yes |  |
| 1.2 | Are the links “Naujausi”, “Gamintojai”, “Naujienos” the same font, size and color? | Yes |  |
| 1.3 | Are the underlines below the links “Naujausi”, “Gamintojai”, “Naujienos” the same background? | Yes |  |
| 1.4 | Are the contacts of the branches at the bottom of the page the same font, size and color? | Yes |  |
| 1.5 | Are the links at the bottom of the page (“Apie mus”, “Kontaktai”, “Paslaugos”, etc.) the same font, size and color? | Yes |  |
| 1. **Hamburger menu:** | | | |
| 2.1 | Does the hamburger menu button on the top left corner works correctly? | Yes |  |
| 2.2 | Does the opened menu fit the screen? | Yes |  |
| 2.3 | Does the menu link “Apie mus” navigate to this specific page and the text fit the screen. | Yes |  |
| 2.4 | Does the menu link “Kontaktai” navigate to this specific page and the text fit the screen. | Yes |  |
| 2.5 | Does the menu link “Paslaugos” navigate to this specific page and the text fit the screen. | No | It navigates to the specific page; the text does not fit the screen |
| 2.6 | Does the menu link “Prisijungti” navigate to this specific page and the text fit the screen. | Yes |  |
| 2.7 | Does the menu link “Registruotis” navigate to this specific page and the text fit the screen. | Yes |  |
| 2.8 | Does the selection of English language work? | Yes |  |
| 2.9 | Does the selection of Russian language work? | Yes |  |
| 2.10 | Does the search button work correctly? | Yes |  |

#### 3.2.1.2 Registration form

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Checkpoint** | **Yes/**  **No** | **Comments** |
| 1. | Are the titles of the fields the same font, size and color? | Yes |  |
| 2. | Are the titles of the categories in the registration form (“Jūsų asmeninė informacija“, „Jūsų adresas“, „Jūsų slaptažodis“) the same font, size and color? | Yes |  |
| 3. | Are the borders of the fields the same length? | Yes |  |
| 4. | Are the borders of the fields the same background and paddings? | Yes |  |

# 4. Detailed test cases

**Functional testing:**

**Home page**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Component** | **Priority** | **Description** | **Pre-condition** | **Test steps** | **Expected result** | **Actual result** | **Status** |
| T01 | Logo “Ulmas” | Medium | Verify if the logo “Ulmas”in the top left corner navigates to the home page | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the logo “Ulmas” in the top left corner. | The logo should navigate to the home page. | As expected | Pass |
| T02 | Logo “Pfleiderer partneris” | Medium | Verify if the logo “Pfleiderer partneris” in the top right corner navigates to “Pfleiderer” page. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the logo “Pfleiderer partneris” in the top right corner. | The logo should navigate to the “Pfleiderer” web page. | The logo navigates to the “Ulmas” home page | Fail |
| T03 | Header links | Medium | Verify if the header links (“APIE MUS”, “NAUJIENOS”, “KONTAKTAI”, “PASLAUGOS”) navigate to these specific pages | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the link “APIE MUS”. 2. Click on the link “NAUJIENOS”. 3. Click on the link “KONTAKTAI”. 4. Click on the link “PASLAUGOS”. | The header links should navigate to these specific pages. | As expected | Pass |
| T04 | Product category links | Medium | Verify if the links “Plokštinės medžiagos“ and “Furnitūra“ work correctly. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the link “Plokštinės medžiagos“. 2. Click on the link “Furnitūra“. | The links should open the sub – menu. | As expected. | Pass |
| T05 | The link “Prisijungti” | High | Verify if the link “Prisijungti” navigate to login page. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the link “Prisijungti”. | The link should navigate to the login page. | As expected. | Pass |
| T06 | The link “Registruotis” | High | Verify if the link “Registruotis” navigate to the registration page. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the link “Registruotis”. | The link should navigate to the registration page. | As expected. | Pass |
| T07 | Shopping cart link | High | Verify if the shopping cart link work correctly. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the shopping cart. | Shopping cart link should navigate to the e-shop. | The link does not work; shopping cart should have a link to e-shop or mouse hand icon should be updated to a standard one. | Fail |
| T08 | Two links “Plačiau“ | Medium | Verify if the both links “Plačiau“ navigate to these specific pages. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | 1. Click on the link “Plačiau“ in the carousel. 2. Click on the link “Plačiau“ in the black background section on the right | The links should navigate to these specific pages. | As expected | Pass |
| T09 | The link “Naujausi” | Medium | Verify if the link “Naujausi” navigate to this specific page. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser | Click on the link “Naujausi”. | The link should navigate to this specific page. | The link does not work; the title should have a link or a mouse hand icon should be updated to a standard one. | Fail |

**Account registration form**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Component** | | **Priority** | **Description** | **Pre-condition** | | **Test steps** | **Expected result** | | **Actual result** | | **Status** | |
| T01 | Tab Order | | Medium | Verify if Tab Order is working correctly. | The registration form should be opened | | 1. Click the link “Registruotis”. 2. Choose the first field “Vardas”. 3. Press Tab Order and go through all fields. | The Tab Order should go through all fields and finish the registration. | | It does not mark check box “Privatumo politika” and does not press the button “Registruotis” | | Fail | |
| T02 | Registration without any data | | High | Verify if the registration is possible with no data | The registration form should be opened | | 1. Leave all fields empty. 2. Click the button “Registruotis”. | The registration should be not possible. | | 1. The registration is not possible. 2. The user gets a notification and validation messages. | | Pass | |
| T03 | The field “Vardas” | | High | Verify if the field accepts no symbols | The registration form should be opened | | 1. Leave the field empty. 2. Press the registration button. | 1. The field should not accept no symbols. 2. A user should get a validation message. | | As expected. | | Pass | |
| T04 | High | Verify if the field accepts one symbol. | The registration form should be opened | | 1. Enter a letter “a” in the field. 2. Press the registration button. | One symbol should be accepted. | | As expected. | | Pass | |
| T05 | High | Verify if the field accepts 33 symbols | The registration form should be opened | | 1. Enter 33 letters “a” in the field. 2. Press the registration button. | 33 symbols should not be accepted. | | As expected. | | Pass | |
| T06 | The field “Telefono nr.” | | High | Verify if the field “Telefono nr.” accepts letters | The registration form should be opened | | 1. Enter “aaa” in the field. 2. Press the registration button. | Letters should not be accepted. | | On PC - it accepts letters; on smart phone - the keyboard of numbers shows on the screen | | Fail | |
| T07 | The field “Įmonės kodas” | | High | Verify if the field “Įmonės kodas“ accepts letters. | The registration form should be opened | | 1. Enter “asd” in the field. 2. Press the registration button. | Letters should not be accepted (according to the code composition rules) | | It accepts the code “asd”. | | Fail | |
| T08 | The field “Slaptažodis” | High | | Verify if the field accepts no symbols. | | The registration form should be opened | 1. Leave the field empty. 2. Press the registration button. | | 1. The field should not accept no symbols.  2. A user should get a validation message. | | As expected | | Pass |
| T09 | High | | Verify if the field accepts one symbol. | | The registration form should be opened | 1. Enter “a” in the field. 2. Press the registration button. | | The password should not be accepted. | | As expected | | Pass |
| T10 | High | | Verify if the field accepts 4 symbols | | The registration form should be opened | 1. Enter “aaaa” in the field. 2. Press the registration button. | | The password should be accepted. | | As expected | | Pass |
| T11 | High | | Verify if the field accept 21 symbols. | | The registration form should be opened | 1. Enter 21 “a” in the field. 2. Press the registration button. | | The password should not be accepted. | | As expected | | Pass |
| T12 | High | | Verify if it checks the entered password with the password in the confirmation field | | The registration form should be opened | 1. Enter “aaaa” in the field. 2. Enter “aaaaa” in the password confirmation field. | | 1. The password should not be accepted. 2. A user should get a validation message. | | As expected | | Pass |

**UI testing:**

**Home page in English and Russian**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Component** | **Priority** | **Description** | **Pre-condition** | **Test steps** | **Expected result** | **Actual result** | **Status** |
| T01 | (EN) The links “Home\_News” and “More” | Medium | Verify if the links “Home\_News” and “More” look correctly. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser and the English language should be selected. | Check if the links “Home\_News” and “More” look correctly. | The links should look correctly. | The link “Home\_News” should be “News”. | Fail |
| T02 | (EN) Header links | Medium | Verify if the header links are in English and navigate to these specific pages in English | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser and the English language should be selected. | 1. Check if the header links is in English. 2. Click if the header links navigate to these specific pages in English. | 1. The header links should be in English. 2. The header links should navigate to these specific pages in English. | 1. The header links are in English. 2. The link “About us” navigate to the page in English. 3. The link “News” navigates to the page in Lithuanian but, when you press the news title, opens empty pages. 4. The link “Contact” navigates to the contact page but the section “Rekvizitai” is in Lithuanian | Fail |
| T03 | (EN) The link “More”. | Medium | Verify if the link “More” navigates to this specific page in English. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser and the English language should be selected. | 1. Click on the link “More”. 2. Check if it navigates to this specific page in English. | The link should navigate to this specific page in English. | The link navigates to the page in Lithuanian. | Fail |
| T04 | (RU) Header links. | Medium | Verify if the header links are in Russian. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser and the Russian language should be selected. | Check if the header links are in Russian. | The header links should be in Russian. | The link “Header\_News\_Title” should be in Russian | Fail |
| T05 | (RU) Footer links | Medium | Verify if the footer links are the same font, size and color. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser and the Russian language should be selected. | Check if the footer links are the same font, size and color. | The footer links should be the same font, size and color. | The link “Kontaktai” should be in lowercase. | Fail |
| T06 | (RU) The link “Home\_News” | Medium | Verify if the link “Home\_News” navigates to this specific page in Russian. | [www.ulmas.lt](http://www.ulmas.lt) should be opened in browser and the Russian language should be selected. | 1. Click on the link “Home\_News”. 2. Check if it navigates to this specific page in Russian. | The link should navigate to this specific page in Russian. | The link navigates to the page in English but, when you press the news title, opens empty pages. | Fail |

# The list of the bugs

I have found 12 bugs in this testing work. The founded bugs are divided into two groups: functionality of the home page and registration form and UI of the home page. The list is presented as a screenshot from Backlog system. The most interesting bugs are represented as the screenshots below the bug list.

A screenshot of a computer

Description automatically generated

**Functionality bugs**

No.1 The logo “Pfleiderer partneris” does not navigate to its home page.

A screenshot of a cell phone

Description automatically generated

No. 2 The shopping cart link works not correctly.

A screenshot of a cell phone

Description automatically generated

No. 3 The link “Naujausi” does not navigate to this specific page.

A screenshot of a cell phone

Description automatically generated

No. 4 The field “Telefono nr.” should not accept letters.

A screenshot of a social media post

Description automatically generated

No. 5 The field “Įmonės kodas“ should not accept letters.

A screenshot of a social media post

Description automatically generated

**UI bugs**

No. 1 (EN) The links “Home\_News” and “More” do not look correctly.

A screenshot of a computer

Description automatically generated

No. 2 (RU) The footer link “Kontaktai” should be in lowercase.

A screenshot of a computer

Description automatically generated

No. 3 (RU) Not all header links are in Russian.

A screenshot of a computer

Description automatically generated

**Responsive view**

No. 1 The menu link “Paslaugos” navigates to this specific page but the text does not fit the screen.

A screenshot of a computer

Description automatically generated

# 6. Improvements

I suggest these improvements:

1. The field “Slaptažodis” in the registration form could have the possibility to see the password – a visibility eye symbol.
2. The field “Adresas 1” in the registration form could be simply “Adresas” because there is no field “Adresas 2”.
3. The email field in the account registration form and in the booking newsletter could have extended format validation, e.g. the email [dzeinute@yahoo.com.com](mailto:dzeinute@yahoo.com.com) is accepted and the user does not get any notification about the wrong format.
4. The field “Telefono numeris” in the account registration form could have a prompt for the user - +370 …..
5. The product submenu should become visible on a click action but not on hover action.
6. Maybe it would be better to have a home page in one foreign language but fully prepared with all necessary information.

# 7. The used Test Design Techniques

In this work I used these Test design techniques:

1. Dynamic testing – for home page design (UI)
2. Black box testing – Boundary Value Analysis for registration form.
3. Ad – hoc testing – for home page links and buttons.
4. Static testing different UI elements: developer tools for the home page and registration form.
5. Error guessing – for registration form.

# 8. Reflection

It was interesting for me to try Test Design Techniques and tools in practice. The most interesting thing for me was to test registration form’s validations and functionality of the home page links. The most difficult thing was to test UI because I did not have the requirements.