

Institute of the Estonian Language <https://www.eki.ee/EN/>

FINAL PROJECT

Ksenia Belikova

SDA

TesterRemoteEE6

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## DOCUMENT PURPOSE

The purpose of this document is to test homepage of the Institute of the Estonian Language. I tested English version and it turned out it is not very extensive, but I decided to continue anyway, since it is my first project. In this project I used Decision Table Based Testing.

# 1. TESTING SECTION



The section in green will be tested.

## 2. TESTING CHECKLIST

ID	Checklist for user interface (UI):
UI1	Visit different pages to check if the design is consistent and error-free
UI2	Check the grammar and evaluate the language style
UI3	Is readability of the website sufficient (fonts, colours, layout)?
	Is it easy to navigate and find information:
UI4	<ul style="list-style-type: none"> <li>to find dictionaries</li> </ul>
UI5	<ul style="list-style-type: none"> <li>to find grammar section (how this word is written)</li> </ul>
UI6	<ul style="list-style-type: none"> <li>available jobs</li> </ul>

ID	Checklist for login (LO):
	Walkthrough the login process
	<b>Non-functional testing</b>
LO1	Verify if a user cannot enter the characters more than the specified range in each field (Username and Password).
LO2	Verify if a user cannot enter the characters more than the specified range in each field (Username and Password).
LO3	Verify the login page by pressing 'Back button' of the browser. It should not allow you to enter into the system once you log out.
LO4	Verify the timeout functionality of the login session.
LO5	Verify if a user should not be allowed to log in with different credentials from the same browser at the same time.
LO6	Verify if a user should be able to login with the same credentials in different browsers at the same time.
	<b>Functional testing</b>
LO7	Verify if a user will be able to login with a valid username and valid password.
LO8	Verify if a user cannot login with a valid username and an invalid password.
LO9	Verify the login page for both, when the field is blank and Submit button is clicked.
LO10	Verify the 'Forgot Password' functionality.
LO11	Verify the messages for invalid login.
LO12	Verify the 'Remember Me' functionality.

LO13	Verify if the data in password field is either visible as asterisk or bullet signs.
LO14	Verify if a user is able to login with a new password only after he/she has changed the password.
LO15	Verify if the login page allows to log in simultaneously with different credentials in a different browser.
LO16	Verify if the 'Enter' key of the keyboard is working correctly on the login page.
LO17	Verify the time taken to log in with a valid username and password.
LO18	Verify if there is a 'Cancel' button available to erase the entered text.


<b>ID</b>	<b>Checklist for website compatibility (CO):</b>
	Check design consistency and functionality on desktop browsers:
CO1	• Chrome
CO2	• Firefox
CO3	• Edge
	Check design consistency and functionality on mobile browser:
CO4	• iOS (iPhone 12 mini)












<b>ID</b>	<b>Checklist for Header Section (H):</b>
H1	Are all links aktive?
H2	Do all links follow the right path?
H3	Are different language options working properly?

### 3. DETAILED TEST CASES

**Test Cases**

Sort: [Section](#) | Filter: [None](#)

**Test Cases** 10 

	ID	Title
	C1	Visit different bookmarks (pages) to check if the design is consistent and error-free
	C2	Check the grammar and evaluate the language style
	C3	Walkthrough the login process (functionality testing)
	C4	Walkthrough the login process (non-functional testing)
	C5	Check design consistency and functionality on desktop browsers (Chrome)
	C6	Check design consistency and functionality on desktop browsers (Firefox)
	C7	Check design consistency and functionality on mobile browser (iOS)
	C8	Is it easy to navigate and find information (Dictionaries)
	C9	Is it easy to navigate and find information (to find grammar section - how a particular word is written)
	C10	Header Section - are all links active?

**C1** Visit different bookmarks (pages) to check if the design is consistent and error-free

Test Cases

Successfully added the new test case. [Add another](#)

Type	Priority	Estimate
Usability	Medium	None
Automation Type		
None		

**Preconditions**

Access to Chrome Browser.

**Steps**

1	Navigate to <a href="https://www.eki.ee/EN/">https://www.eki.ee/EN/</a>	
2	Click on different Header buttons (About us, Departments, Research, Services, Dictionaries, Resources, Software, Media)	
3	See if the design is the same	

5	Check the grammar of each bookmark Departments	Actual result: • research , description and development of modern Estonian: there should be no space after word "research". • development of the language portal: the word "portaal" should have one "a". • ...by EKI-ASTRA programme (2016-2022): there should be ";" at the end of this sentence. • compilation of the terminology database Esterm: it should be a new sentence in a new row. • ...variation and emotional speech: there should be a period "." at the end of this sentence. • Department of Language History, Dialects, and Finno-Ugric Languages: there should be no comma after word "Dialects". • Estonian language, and the Finno-Ugric languages: there should be no comma after the word "language". • There should be one or two space less between the last sentence and "Competence Centre for Natural Language Processing". • ...of private companies, and IT companies: there should be no comma.
6	Check the grammar of bookmark Research	Actual result: • The Institute of the Estonian Language (Research and Development institution, R&D): word "institution" should start with uppercase "I". • "Proto-European substrate in the vocabulary of Southern Finnic languages: the quote mark should be removed. • participating with two research themes: there are four themes (which one is correct?). • programm Horizon 2020: word "programm" should have a letter "e" at the end. • phone: +372 6177 500 e-mail: eki@eki.ee contact person: Hille Pajupuu: words "phone", "e-mail" and "contact" should start with uppercase letters.
7	Check the grammar of bookmark Services	Actual result:
8	Check the grammar of bookmark Dictionaries	Actual result: • 40,000 20,000 12,000: in these number there should be period insted of a comma. • Estonian-Udmurt Dictionary (2015): one space should be deleted between word "Dictionary" and (2015).
9	Check the grammar of bookmark Resources	Actual result:
10	Check the grammar of bookmark Software	Actual result:
11	Check the grammar of bookmark Media	Actual result:
12	Check the grammar of the Footer	Actual result: • tel +372 6177 500: Estonian word "tel" should be English word "Phone".

C2

Check the grammar and evaluate the language style

↩

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Edit

Test Cases

Type

Usability

Automation Type

None

Priority

Medium

Estimate

None

References

None

Preconditions

Access to Chrome Browser

Steps

1

Go to <https://www.eki.ee/EN/>

Actual result:

2

Check the grammar of the Header

Actual result:  
Word "login" should start wit uppercase "L". And it should be written separately: Log in.

3

Check the grammar of bookmark Home

Actual result:  
• There should be a bracket at the end of this sentence: (dictionaries of contemporary Estonian, dictionaries of Estonian dialects and cognate languages, bilingual dictionaries.  
• the first "and" at the end of this sentence should be removed: ..., and the collection and development of language archives.

4

Check the grammar of bookmark About us

Actual result:  
• Development Plan (2016-2019): word "plan" should be with lowercase "p". • Self-evaluation Report 2017: word "Report" should be with lowercase "r". • Evaluation Report of the Expert Committee 2017: word "Report" should be with lowercase "r". • Self-evaluation Report 2010: word "Report" should be with lowercase "r". • phone: +372 6177 500: word "phone" should be with uppercase "P". • e-mail: eki@eki.ee: word "e-mail" should be with uppercase "E". • registry code: 70004011: word "registry" should be with uppercase "R".



5

Enter an invalid password and click the Log in button. Verify if the user will get the correct message.

6

Verify if a user can log in with a valid username and password.

7

Verify if a user cannot log in with a valid username and an invalid password.

8

Verify if a user cannot log in with an invalid username and a wrong password.

9

Verify the 'Forgot username' functionality.

10

Verify the 'Forgot password' functionality.

C3

### Walkthrough the login process (functionality testing)

#### Test Cases

Type	Priority	Estimate
Functional	Medium	None
Automation Type		
None		

#### Preconditions

Access to Chrome Browser  
Valid username  
Valid password

#### Steps

1

Navigate to <https://www.eki.ee/EN/>

2

Enter the valid username and password.

3

Don't enter username and passwordm just click the Log in button. Verify if the user will get the correct message or if the blank field will get highlighted.

4

Enter the invalid username and click the Log in button. Verify if the user will get the correct message.

## C4 Walkthrough the login process (non-functional testing)

### Test Cases

Type	Priority	Estimate
Usability	Medium	None
Automation Type		
None		

### Preconditions

Access to Chrome Browser

### Steps

1. Navigate to <https://www.eki.ee/EN/>
2. Verify if a user cannot enter the characters more than the specified range in each field (Username and Password).
3. Verify the login page by pressing 'Back button' of the browser. It should not allow you to enter into the system once you log out.
4. Verify the timeout functionality of the login session.
5. Verify if a user should not be allowed to log in with different credentials from the same browser at the same time.
6. Verify if a user should be able to login with the same credentials in different browsers at the same time.

## C5 Check design consistency and functionality on desktop browsers (Chrome)

### Test Cases

<b>Type</b> Other	<b>Priority</b> Medium
<b>Automation Type</b> None	

### Preconditions

Access to Chrome Browser

### Steps

- 1 Navigate to <https://www.eki.ee/EN/>
- 2 Ensure the website is displaying properly.
- 3 Test the fonts are usable in different browsers.

## C6 Check design consistency and functionality on desktop browsers (Firefox)

### Test Cases

<b>Type</b> Other	<b>Priority</b> Medium
<b>Automation Type</b> None	

### Preconditions

Access to Firefox Browser

### Steps

- 1 Navigate to <https://www.eki.ee/EN/>
- 2 Ensure the website is displaying properly.
- 3 Test the fonts are usable in different browsers.

## C7 Check design consistency and functionality on mobile browser (IOS)

### Test Cases

**Type**

Other

**Priority**

Medium

**Automation Type**

None

### Preconditions

Access to iOS (iPhone 12 mini)

### Steps

1

Navigate to <https://www.eki.ee/EN/>

2

Ensure the website is displaying properly (vertical position).

3

Ensure the website is displaying properly (horizontal position).

C8

## Is it easy to navigate and find information (Dictionaries)

## Test Cases

## Type

Usability

## Priority

Medium

## Automation Type

None

## Preconditions

Access to Chrome Browser

## Steps

1

Navigate to <https://www.eki.ee/EN/>

2

Go to bookmark Dictionaries

C9

## Is it easy to navigate and find information (to find grammar section - how a particular word is written)

## Test Cases

## Type

Other

## Priority

Medium

## Estimate

None

## Automation Type

None

## Preconditions

Access to Chrome Browser

## Steps

1

Navigate to <https://www.eki.ee/EN/>

2

Go to bookmark "Services"

3

Go to "Combined dictionary search and language helpline e-keelenõu"

5	Go to Reasearch
6	Go to Services
7	Go to Dictionaries
8	Go to Resources
9	Go to Software
10	Go to Media

**C10** Header Section - are all links active?

Test Cases

Type	Other	Priority	Medium
Automation Type	None		

Preconditions

Access to Chrome Browser

Steps

1	Navigate to <a href="https://www.eki.ee/EN/">https://www.eki.ee/EN/</a>
2	Go to Home
3	Go to About us
4	Go to Departments

#### **4. FOUND ISSUES**

I did not find any issues aside from the grammar, which is not really an issue.

## 5. IMPROVEMENTS

It is quite hard to recommend any improvements, since this page should be used in Estonian, not in English. A lot of information is lost because of that.



## 6. TEST DESIGN TECHNIQUES

I used:

- Checklist testing
- Functional testing

## REFLECTION

I use eki.ee a lot, which is why I decided to test it. But since I use the Estonian version, which is obviously much more vast than the English one, I thought it would be quiet easy. I was wrong. Even this simplifified version was challenging. I hope as I write more test cases it will get easier and more understandable. And I must admit, the more I wrote and saw how it all comes together, the more I liked it.