

Final Project

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The E-Shop for the Art Museum of Estonia

SDA Academy
Course TesterRemoteEE21

August 2023

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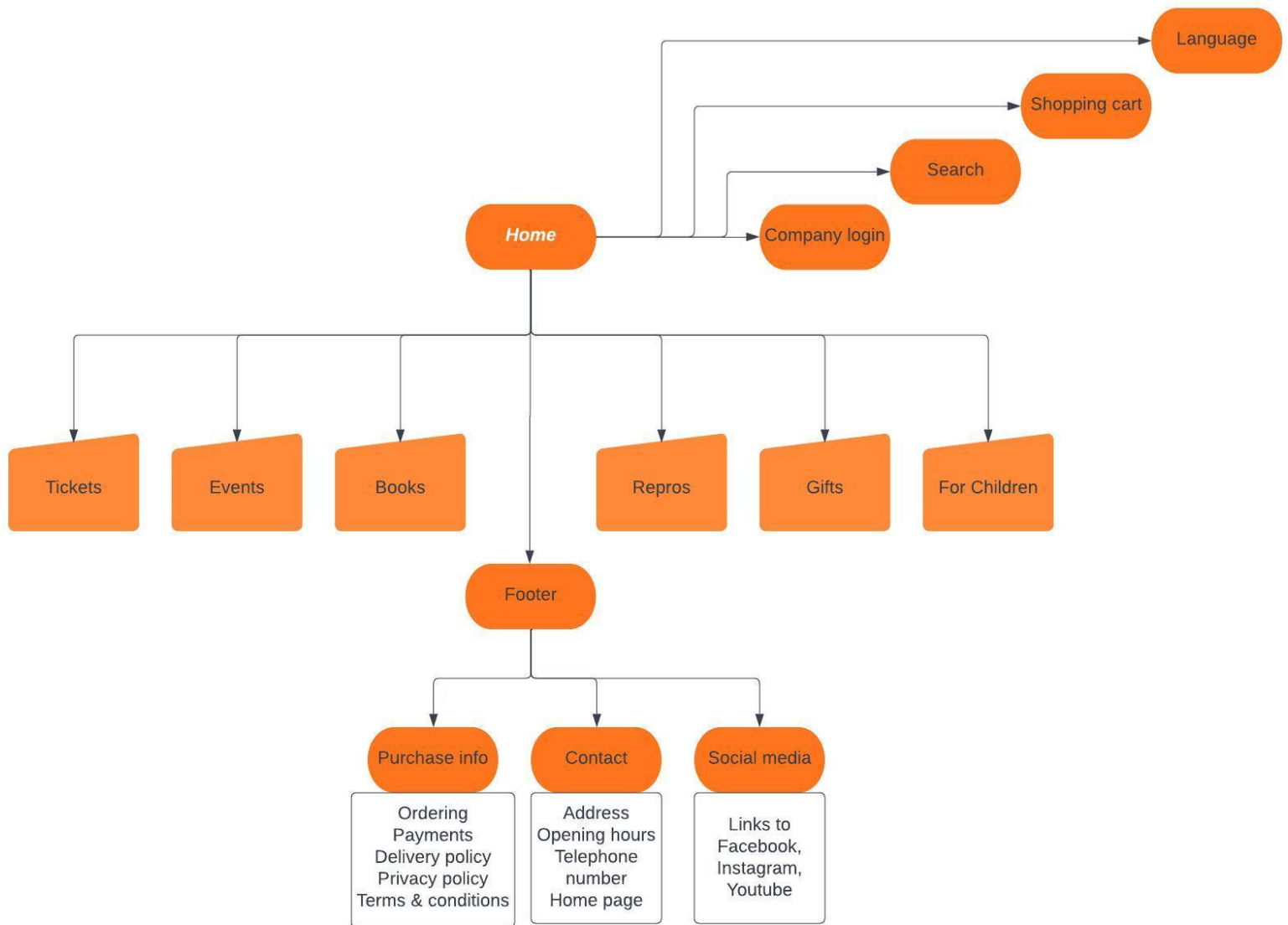
The purpose of the document

The purpose of the document is to test the environment of the e-shop page of the Art Museum of Estonia. The page is quite a simple one with the possibility to purchase museum tickets, tickets to art events, many books and gifts. It has two languages and the reason why I chose this web page is mostly due to the English version of the page. I could go bug catching in there!

Testing section: the whole page

E-Shop for the Art Museum of Estonia

Laura Lohur | August 2023



Testing checklist

Testing checklist			
Section	ID	Work Unit	Requirement
Usability	C8	Contact information	The contact information is relevant, correct and up to date.
	C10	Language	The language button must be visible on the home page/header and able to shift between Estonian and English.
	C12	Cart view	The cart view shows all required information: product, price, quantity, total, clear cart, subtotal, shipping, proceed to checkout.
Functionality	C18	Social media	The social media buttons in the footer work and direct to the right source.
	C1	Search engine	The search engine finds and directs to the right information page.
	C16	Preview a product	The quick view button of products work correctly and directs to the correct subpage with a description.
	C5	Add to cart	The add to cart button works correctly and adds item(s) to cart.
	C6	Remove from cart	The remove from cart button works correctly.
	C17	Clear cart	The view cart button directs to the cart page.
	C7	Checkout	The checkout page requires mandatory information and works correctly.
Browser compatibility	C4	Browser	The page shows the same information on different browsers (Firefox, Google Chrome, Safari).
Security	C15	Web	The web application uses valid https and is secure.

Test Cases

Sort: Section

Filter: None

☐ Display Deleted Test Cases

+ Add Case

Edit

Delete

Columns

Functionality

ID

Title

C18

Social media

C1

Search engine

C16

Preview a product

C5

Add to cart

C6

Remove from cart

C17

Clear cart

C7

Checkout

Add Case | Add Subsection

Browser compatibility

ID

Title

C4

Browser

Add Case | Add Subsection

Usability

ID

Title

C8

Contact information

C10

Language

C12

Cart view

Add Case | Add Subsection

Security

ID

Title

C15

Web security

Add Case | Add Subsection

+ Add Test Case

Contains 4 sections and 12 cases. Edit description

All

Functionality

Browser compatibility

Usability

Security

+ Add Section

Detailed test cases with test runs

T44 Social media

← →

🗨

🖨

🔍 View Case

✎ Edit Case

Test Run2 8/16/2023 > Functionality

Type	Priority	Estimate	References
Functional	High	None	None
Automation Type			
None			

Preconditions

The web page <https://pood.ekm.ee/en/> is opened.

Steps

1

Scroll down to the footer and find the Facebook logo image and click on it.

The web page <https://www.facebook.com/eesti.kunstimuuseum> opens.

2

Scroll down to the footer and find the Instagram logo image and click on it.

The web page <https://www.instagram.com/eestikunstimuuseum/> opens.

3

Scroll down to the footer and find the Youtube logo image and click on it.

The web page <https://www.youtube.com/user/kumukunstimuuseum> opens.

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:21 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

Scroll down to the footer and find the Facebook logo image and click on it.

Expected Result

The web page <https://www.facebook.com/eesti.kunstimuuseum> opens.

2

Scroll down to the footer and find the Instagram logo image and click on it.

Expected Result

The web page <https://www.instagram.com/eestikunstimuuseum/> opens.

3

Scroll down to the footer and find the Youtube logo image and click on it.

Expected Result

The web page <https://www.youtube.com/user/kumukunstimuuseum> opens.

T33 Search engine

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🔍 View Case

✎ Edit Case

Test Run2 8/16/2023 > Functionality

Type Functional	Priority Medium	Estimate None	References None
Automation Type None			

Preconditions

User should be on the home page of <https://pood.ekm.se/en/>

Steps

1

User has to type a word into the search bar that is situated in the header.

Entered word must be displayed in the "Search" field and the search must provide results with the word being in the title or in the description.

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:33 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

User has to type a word into the search bar that is situated in the header.

Expected Result

Entered word must be displayed in the

T42 Preview a product

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🔍 View Case

✎ Edit Case

Test Run2 8/16/2023 > Functionality

Type Functional	Priority High	Estimate None	References None
Automation Type None			

Preconditions

The web page <https://pood.ekm.se/en/> is opened.

Steps

1

Click on the category name "Gifts".

17 pages of gifts open.

2

Click on the first item "Tote bag "Gaze".

A preview of the product opens and you see the title, the category, the price, the quantity selection, "Add to cart" box, the description and based on the product the "You may also like" section.

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:23 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

Click on the category name

Expected Result

17 pages of gifts open.

2

Click on the first item

Expected Result

A preview of the product opens and you see the title, the category, the price, the quantity selection,

T43

Clear cart

←

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🔍

View Case

✎

Edit Case

Test Run2 8/16/2023 • Functionality

Type	Priority	Estimate	References
Functional	Medium	None	None
Automation Type			
None			

Preconditions

Open the web page <https://pood.ekm.ee/en/>, select "Gifts" and click on the first product that appears. In the preview of the product click "Add to cart" and click on the cart icon and click "View cart".

Steps

1

Click the "Clear cart" option under the product.

The page loads and announces:

"Cart is cleared."

"Your cart is currently empty."

The cart is empty.

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:22 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

Click the

Expected Result

The page loads and announces:

Checkout

[View Case](#)
[Edit Case](#)

Test Run2 8/16/2023 • Functionality

Type Functional	Priority Critical	Estimate None	References None
Automation Type None			

Preconditions

Open the web page <https://pood.ekm.se/en/>, select "Gifts" and click on the first product that appears.

Steps

- In the preview of the product click "Add to cart" and click on the cart icon and click "Checkout".

A checkout page opens that has:

Section "Billing & Shipping" with fields:

 - First name
 - Last name
 - Company name (optional)
 - Country
 - Phone
 - E-mail address

Section "Additional information" with the field:

 - Order notes (optional)

Section "Your order" with the texts and fields:

 - Product
 - Subtotal
 - Shipping
 - Choose parcel machine
 - Total
 - Credit card/Bank links
 - "I've read and I agree with privacy policy and terms and conditions" tick box
 - Button "Place order"
- User fills in all the necessary fields.

The purchase is done and a confirmation e-mail is sent with the description of the order.

[RESULTS & COMMENTS](#)
[HISTORY & CONTEXT](#)
[DEFECTS](#)

Passed

8/16/2023 2:29 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

- In the preview of the product click

Expected Result

A checkout page opens that has:

Section
- User fills in all the necessary fields.

134

Browser

Test Run2 8/16/2023 • Browser compatibility

Type

Compatibility

Automation Type

None

Priority

Medium

Estimate

None

References

None

Preconditions

You must have Google Chrome, Mozilla Firefox and Safari browsers to use.

Steps

1

Open the page <https://pood.ekm.ee/en/> in a Safari browser.

On the opening page you must see:
1. In the header: Title, Company login, Search, Cart, Language selection.
2. Body: categories of Tickets, Events, Books, Repros, Gifts, For Children.
3. Under the categories in the body: banner "Summer at the Art Museum of Estonia" and under that 6 images with the headings: Tickets, Events, Books, Repros, Gifts, For Kids.
4. In the footer in the first section: Purchase info, Payments, Delivery policy, Privacy policy, Terms & conditions.
5. In the footer in the second section: Contact, the company name, the address, opening hours, phone number, contact e-mail.
6. In the footer in the third section: Icons for social media sites such as Facebook, Instagram, Youtube and under that text "Join newsletter".
7. In the footer under the previous 3 sections there are links to the Art Museum of Estonia's 5 different museum pages.

2

Open the page <https://pood.ekm.ee/en/> in a Mozilla Firefox browser.

On the opening page you must see:
1. In the header: Title, Company login, Search, Cart, Language selection.
2. Body: categories of Tickets, Events, Books, Repros, Gifts, For Children.
3. Under the categories in the body: banner "Summer at the Art Museum of Estonia" and under that 6 images with the headings: Tickets, Events, Books, Repros, Gifts, For Kids.
4. In the footer in the first section: Purchase info, Payments, Delivery policy, Privacy policy, Terms & conditions.
5. In the footer in the second section: Contact, the company name, the address, opening hours, phone number, contact e-mail.
6. In the footer in the third section: Icons for social media sites such as Facebook, Instagram, Youtube and under that text "Join newsletter".
7. In the footer under the previous 3 sections there are links to the Art Museum of Estonia's 5 different museum pages.

3

Open the page <https://pood.ekm.ee/en/> in a Google Chrome browser.

On the opening page you must see:
1. In the header: Title, Company login, Search, Cart, Language selection.
2. Body: categories of Tickets, Events, Books, Repros, Gifts, For Children.
3. Under the categories in the body: banner "Summer at the Art Museum of Estonia" and under that 6 images with the headings: Tickets, Events, Books, Repros, Gifts, For Kids.
4. In the footer in the first section: Purchase info, Payments, Delivery policy, Privacy policy, Terms & conditions.
5. In the footer in the second section: Contact, the company name, the address, opening hours, phone number, contact e-mail.
6. In the footer in the third section: Icons for social media sites such as Facebook, Instagram, Youtube and under that text "Join newsletter".
7. In the footer under the previous 3 sections there are links to the Art Museum of Estonia's 5 different museum pages.

Failed

8/16/2023 2:32 PM Laura L. [Edit](#)

This test was marked as "Failed".

Steps

1

Open the page <https://pood.ekm.ee/en/> in a Safari browser.

Expected Result

On the opening page you must see:
1. In the header: Title, Company login, Search, Cart, Language selection.
2. Body: categories of Tickets, Events, Books, Repros, Gifts, For Children.
3. Under the categories in the body: banner

2

Open the page <https://pood.ekm.ee/en/> in a Mozilla Firefox browser.

Expected Result

On the opening page you must see:
1. In the header: Title, Company login, Search, Cart, Language selection.
2. Body: categories of Tickets, Events, Books, Repros, Gifts, For Children.
3. Under the categories in the body: banner

Actual Result

The 7. point "In the footer under the previous 3 sections there are links to the Art Museum of Estonia's 5 different museum pages." is not there.

3

Open the page <https://pood.ekm.ee/en/> in a Google Chrome browser.

Expected Result

On the opening page you must see:
1. In the header: Title, Company login, Search, Cart, Language selection.
2. Body: categories of Tickets, Events, Books, Repros, Gifts, For Children.
3. Under the categories in the body: banner

10

T38

Contact information

View Case
Edit Case

Test Run2 8/16/2023 › Usability

Type Usability	Priority Critical	Estimate None	References None
Automation Type None			

Preconditions

Any page on the site <https://pood.ekm.ee/en/> must be opened.

Steps

1

Scroll down to the footer and find the section "Contact".

You see the information:
Art Museum of Estonia Foundation
Weizenbergi 34 / Valge 1, 10127 Tallinn
Mon-Fri 10 a.m.–5 p.m. +372 5687 4820
pood@ekm.ee

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:28 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

Scroll down to the footer and find the section

Expected Result

You see the information:
Art Museum of Estonia Foundation
Weizenbergi 34 / Valge 1, 10127 Tallinn
Mon-Fri 10 a.m.–5 p.m. +372 5687 4820
pood@ekm.ee

T38

Language

←

→

View Case

Edit Case

Test Run2 8/16/2023 • Usability

Type	Priority	Estimate	References
Usability	Critical	None	None
Automation Type	None		

Preconditions

The web page <https://pood.ekm.ee/en/> is opened.

Steps

1

Find the language selection dropdown in the header and hover over "English".

You see the "Eesti" language option.

2

Click on the "Eesti" language option.

The page directs you to <https://pood.ekm.ee/> and is translated to Estonian.

3

To go back to English, hover over "Eesti" to see "English" and then click on it.

The page directs you to <https://pood.ekm.ee/en/> and is translated to English.

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:28 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

Find the language selection dropdown in the header and hover over

Expected Result

You see the

2

Click on the

Expected Result

The page directs you to <https://pood.ekm.ee/> and is translated to Estonian.

3

To go back to English, hover over

Expected Result

The page directs you to <https://pood.ekm.ee/en/> and is translated to English.

T40

Cart view

←

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✉

🖨

🔍 View Case

✎ Edit Case

Test Run2 8/16/2023 • Usability

Type	Priority	Estimate	References
Usability	High	None	None
Automation Type			
None			

Preconditions

Select an item you wish to add to the cart.

Steps

1	Select and open an item, click 'Add to cart'.	The item is added to the cart and the quantity number of the products appears to the cart logo in the header.
2	Click on the cart view in the header and click 'View cart'.	The link directs you to your cart, where the information is provided: product name with an image and a link, price, quantity, total, clear cart, subtotal, shipping, proceed to checkout.

RESULTS & COMMENTS

HISTORY & CONTEXT

DEFECTS

Passed

8/16/2023 2:27 PM Laura L. [Edit](#)

This test was marked as 'Passed'.

Steps

1

Select and open an item, click

Expected Result

The item is added to the cart and the quantity number of the products appears to the cart logo in the header.

2

Click on the cart view in the header and click

Expected Result

The link directs you to your cart, where the information is provided: product name with an image and a link, price, quantity, total, clear cart, subtotal, shipping, proceed to checkout.

Web security

View Case
Edit Case

Test Run2 8/16/2023
Security

Type	Priority	Estimate	References
Security	Critical	None	None
Automation Type	None		

Steps

1

Open the page <https://pood.ekm.ee/en/> in Google Chrome and open Chrome DevTools.

Chrome DevTools opens and you see the selection of sections.

2

Find "Security" in the sections and click on it.

It's written: "This page is secure (valid HTTPS)."

RESULTS & COMMENTS
HISTORY & CONTEXT
DEFECTS

Passed
8/16/2023 2:24 PM Laura L.
Edit

This test was marked as 'Passed'.

Steps

1
Open the page <https://pood.ekm.ee/en/> in Google Chrome and open Chrome DevTools.

Expected Result

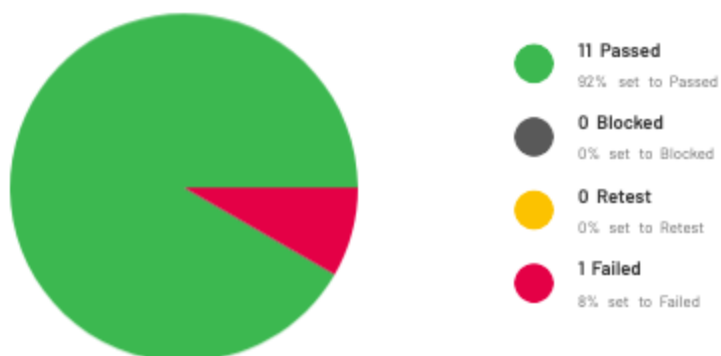
Chrome DevTools opens and you see the selection of sections.

2
Find

Expected Result

It's written:

Test run statistics



Found issues and bugs

1. Functionality bug

Bug

1-4

Due Date **Aug 31, 2023**

Open

Contact telephone number is not clickable when using a phone

Watch

Edit

L

Laura Lohur

Created Aug. 15, 2023 19:13:50

Quote

0

Description: Contact telephone number is not clickable when using a phone. In a browser it's okay that the contact number isn't clickable, but in a phone it should be clickable to direct to the phone app for better user experience.

Steps to reproduce:

1. Open a browser in a phone device and go to page <https://pood.ekm.ee/en/>
2. Scroll down to the bottom of the page to see the "Contact" section.
3. Click on the phone number +372 5687 4820.

Expected result: Clicking the number opens the Phone app with the number typed into the calling keypad, ready to call.

Actual result: The phone number is not clickable and does not open the Phone app.

Environment: Iphone 11, iOS version 16.6

Priority

↑ High

Category

Version

Resolution

Assignee

L Laura Lohur

Milestone

Attachment (1)

2. User interface bug

Bug1-5

Due Date Aug 31, 2023Open

In the English language view search bar "Search" is not translated

WatchEdit

L

Laura Lohur

Created Aug. 15, 2023 19:30:27

Quote

0

Description: In Estonian language page view the search bar is named "Otsi", but in the English language page view the search bar is also named "Otsi", but should be "Search".

Steps to reproduce:

1. Open the page <https://pood.ekm.ee/en/>
2. In the header find the magnifying glass logo and click on it.
3. A search bar with the name "Otsi..." opens.

Expected result: Clicking the magnifying glass logo opens a search bar with the word "Search" typed on it.

Actual result: Clicking the magnifying glass logo opens a search bar with the untranslated Estonian word "Otsi" typed on it.

Environment: Google Chrome version 116.0.5845.96, macOS Ventura 13.4.1.

E-SHOP

English

Otsi...

EVENTS

BOOKS

REPROS

GIFTS

FOR CHILDREN

Priority

Low

Category

Version

Resolution

Assignee

Laura Lohur

Milestone

Attachment (1)

3. User interface bug

Bug1-6

Due Date Aug 31, 2023Open

In the English language view the "Description" of the items for sale is not translated

WatchEdit

L Laura Lohur

Created Aug. 15, 2023 19:42:06

Quote

Star 0


Description: In the page of an item's information for sale the word "Kirjeldus" is not translated and should be "Description".

Steps to reproduce:

1. Open the page <https://pood.ekm.ee/en/et/konrad-magi-album/>.
2. Next to "Technical Information" is "Kirjeldus".

Expected result: The description of the item is under the category "Description".

Actual result: The description of the item is under the category "Kirjeldus".



Konrad Mägi Album ENG

Kangrovi Raamat

85.00€

Quantity: 1

Add to cart

KIRJELDUS TECHNICAL INFORMATION

The album is in three parts. The first part is a brief biographical overview. The second part features nearly 100 of Mägi's paintings. Each work is accompanied by a short entry exploring historical, social, political, aesthetic and other aspects. The third part is a classic catalogue raisonné, listing all of Mägi's known works, including the ones that have survived only as black and white reproductions.

Published by Spere OÜ 2022

Environment: Google Chrome version 116.0.5845.96, macOS Ventura 13.4.1.

Priority

Low

Category

Version

Resolution

Assignee

L Laura Lohur

Milestone

Attachment (1)

4. User interface bug

✎ Add epic / ☒ KAN-1

🔒 👁 1 📄 🔗 ⋮ ✕

Blank space in the books list view

📎 Attach 📄 Add a child issue 🔗 Link issue ▼ ⋮

Priority ■ Medium

Due date 31 Aug 2023

Description

There is a blank space under the list of books even though there are 11 pages of books in total.

Steps to reproduce:

1. Open the page [📖 Books – Art Museum of Estonia E-shop](#).
2. Scroll down to the end of the list.

Expected result: The full page view has all the blank spaces filled with book options.

Actual result: The page is missing one item/has one blank space available to fill in.

Environment:

1. Google Chrome version 116.0.5845.96, macOS Ventura 13.4.1.
2. Safari version 16.5.2, macOS Ventura 13.4.1.
3. Mozilla Firefox version 116.0.2, macOS Ventura 13.4.1.



1 2 3 4 ... 9 10 11 Next Page >



Add a comment...

Pro tip: press **M** to comment

To Do ▼

⚡ Actions ▼

Pinned fields

Click on the 📌 next to a field label to start pinning.

Details

Assignee ● LL Laura Lohur

Labels ● Bug

Reporter ● LL Laura Lohur

Created 27 minutes ago

Updated 13 minutes ago

⚙ Configure

5. Functionality bug, security bug

Add epic / ☒ KAN-2



The language shift causes a page with errors

Attach Add a child issue Link issue

Priority High

Due date 31 Aug 2023

Description

After typing "Art" into the search bar it gives 28 pages of results. After switching the language to Estonian, the search gives one page of results that have different categories but all of them have a portrait picture on them. Also an advertisement banner appears and when clicking on it, it gives a warning: "Potential Security Risk Ahead".

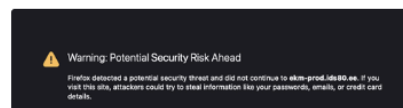
Steps to reproduce:

1. Open the page [Main page](#).
2. Click on the magnifying glass logo which is a search bar and type "Art". Hit enter.
3. You see 28 pages of results for "Art".
4. Click on the language selection in the header and choose "Eesti".
5. You see 14 categories with a portrait image.
6. The "Müstitilised maastikud" yellow advertisement image appears to the left of the page.

Expected result: The Estonian search results are the same as the English ones.

Actual result: When changing the language settings, the page does not give the same results, but categories with portrait images on them and an advertisement banner that directs to a page that gives a warning of a potential security risk.

Environment: Mozilla Firefox version 116.0.2, macOS Ventura 13.4.1.



To Do Actions

Pinned fields

Click on the next to a field label to start pinning.

Details

Assignee Laura Lohur

Labels

Reporter Laura Lohur

Created 32 minutes ago
Updated 32 minutes ago

Configure

Improvements

In my opinion the page works okay because it's possible to execute the main activities: purchasing tickets, books and gifts. However, there is definitely room for improvement. Most of them regard the English version of the page and some of them occur on the Estonian version of the page as well.

There were actually quite a few sections where for example the name of the category was not translated or cases where the names of the events and books are only in Estonian. In some cases even the description of the item was not translated which would maybe cause a person not to purchase that product if they can not understand the specifics of the product or would have to use a translator app that could make a mistake in some details.

In addition the filtering categories for the items are very different throughout the subpages and could be more better organized and have a consistent design to them. Also when using the scrollbar for the filtering sections, the first view has the last words of the table a bit cut away, which is not nice for the eye. That problem could be seen in some of the product photos as well.

It happened that when I see the 20 pages of results for books for example the word "next page" turned white while hovering over it. The background is also white. So a poor selection of colors there as well.

However I have to say that purchasing a product in the e-shop was with a good work flow. Everything was understandable, fast and simple.

All in all I must say that the page conveys its purpose, which is to sell tickets and products, but when diving deeper into it, some user interface issues do occur.

Test Design Techniques

The test design techniques I used:

1. Manual testing
2. Exploratory testing
3. Functional testing
4. Unit testing
5. Performance testing
6. Security testing
7. Boundary value testing
8. Usability testing

Reflection

By now I have understood that I like bug reports the most. Testing the site to find them and properly describing the steps to reproduce and handing them on to developers to fix. In addition I liked using Testrail, Backlog and Jira, because they seem like great tools and quite easy to apprehend. Also got to make a diagram in Lucidchart which was easy and interesting.

The difficult part for me is quite anything that has to do with code. Hence I did not try any automated tests. I even had trouble using the Selenium IDE recorder. It worked once and other two times errors occurred while running the test and I did not know how to solve them. I also did not enjoy writing test cases that much. They seem to be so specific, but on the other hand I understand that if a test case is well written, it is much easier to conduct a test run of it too. However, doing the test runs seemed like an enjoyable task.

All in all I feel that the final project was a nice rehearsal for a software testing course and glad that we were handed such a task in the end.