

The Impact of UI and UX Design on Web Application Quality

Study group A

Overview

The purpose of the study is to examine the relation between user interface (UI) and user experience (UX) design on web applications, with a focus on identifying which design features impact UX the most and how they can be applied to web applications. The study will be conducted by Josh Haywood (JH248828).

Task

You have been assigned to study group A or B and your task will be to examine artefact A or B. The artefact is available here: <http://www.tech-terminus.me>

Open the site in your browser. Your task is to select a product or several of your choosing and add them to the sites basket or cart. You may use any methods or features available to achieve this. Refrain from using the sites login and registering system they are not required as part of your task and will result in your data being removed from this study. Once you have added products to the sites basket or cart you may return to this questionnaire.

Note:

This site may be flagged as unsafe, this is due to the site having no SSL certificate this does not put you at risk of malware during your examination.

The sites registering system will be disabled during the course of the study. To access the login features please use any of the following email address exactly as show, all emails have the same password:

Email:

userA@example.com, userB@example.com, userC@example.com, userD@example.com, userE@example.com, userF@example.com, userG@example.com

Password: Password123

You must now answer the questions present in this question in paragraph format. Please use as detailed answers as possible referring back or additionally examining features questioned to better help the study. Your name will be required only for referencing purpose should you wish to withdraw. Your name will be anonymised in the results of the study as "Participants 1, 2, 3" etc. Upon completing this questionnaire you have a 3 week grace period where your data can be removed should you wish. After this point your data will be used as part of the study. At anytime you may request a copy of your data by contacting the study conductor.

Upon logging in you may notice a number with a red background above the cart symbol in the top right of the page, this is because another participant didn't clear their cart after completing their task. If this does occur click the cart icon and then bin any cart items by clicking the bin icon on the subsequent checkout page. You may now return to the home page and carry out your task by clicking the logo in the top left corner. We urge you to please clear your cart after completing your task for the sake of your fellow participants.

Risks

Potential risk of this study include:

- Privacy concerns regarding personal information and data security.
- Strain on eyes and neck due to prolonged screen use.
- Repetitive stress injuries due to prolonged mouse and keyboard use.

As mentioned please utilise your 3 week grace period should you wish for your data to be removed. Your data will be stored securely on Falmouth University's OneDrive and will be removed after May 2023. Your task should take approximately 20 minutes. During this time be sure to take frequent breaks to avoid injury from prolonged screen use. Before conducting this questionnaire please complete the provided consent form. If you have not completed or been provided with the consent form contact the study conductor before answering this questionnaire. If you answer no to this question your data will be removed from this study.

If you should wish to contact the study conductor email here: JH248828@falmouth.ac.uk

* Required

1. What name would you like to use for referencing (this does not have to be your real name but should be remembered.) *

2. Have you completed a consent form prior to answering this questionnaire? *

☐ Yes

☐ No

3. What was your opinion on the colour scheme? *

4. What was your opinion on the quality of the information? *

5. How easy was the site to use? *

6. How was the site's performance? *

7. Did the sites design fit your device? *

8. Were the error systems suitable and informative, if encountered? *

9. How consistent was the site's design? *

10. Did the sites features work the way you expected? *

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 Microsoft Forms