

Usability Evaluation

Resources for Usability Evaluation modules - mainly CI338 and CI304

View Online



46 items

Usability Testing Toolkit: Resources, Articles, and Techniques - noupe

Webpage

General Sources (12 items)

Measuring the user experience: collecting, analyzing, and presenting usability metrics, by Tom Tullis; Bill Albert, 2013

Book | Best book in the field

Undercover user experience, by Bowles, Cennydd; Box, James, 2010

Book | Recommended

Measuring the User Experience

Website | This is a very useful companion site for Tullis's various books on measuring the user experience

HCI Course by Alan Dix | HCICourse.com

Website | Recommended | For a refresher on any topic we've touched on in class, you may like this free online HCI course from Alan Dix, a very respected UK HCI expert. He looks at some topics in much more detail than we can, using mainly video.

The ISO 9241 usability standard: Introduction

Webpage

Home | Usability.gov

Website | Fantastic practical resource - find templates etc here

Mobile usability, by Jakob Nielsen; Raluca Budiu, c2013

Book | Further

Usability Testing Of Mobile Applications: A Step-By-Step Guide - Usability Geek

Webpage | Neat summary of major steps.

Usability 101: Introduction to Usability

Webpage

Interaction design: beyond human-computer interaction, by Helen Sharp; Yvonne Rogers; Jenny Preece, 2019

Book | Recommended

Creating usability test tasks that really motivate users

Webpage | Great resource on ways to define tasks for evaluation

Acceptability Engineering: the Study of user Acceptance of Innovative Technologies - in Journal of Applied Research and Technology, by Hee-Cheol Kim, 2015-04
[Article](#) | Very interesting article exploring the links between HCI and "Acceptability Engineering."

Practical Usability Testing (10 items)

Usability testing essentials: ready, set-- test!, by Carol M. Barnum, c2011
[Book](#)

Usability testing essentials: ready, set-- test!, by Carol M. Barnum, c2011
[Book](#)

Handbook of usability testing: how to plan, design, and conduct effective tests, by Rubin, Jeffrey; Chisnell, Dana, c2008
[Book](#) | **Recommended**

Moderating usability tests: principles and practice for interacting, by Joseph S. Dumas; Beth A. Loring, 2008
[Book](#) | **Recommended**

Measuring the User Experience
[Website](#) | **Key** | Very comprehensive

The 1-page usability test plan
[Webpage](#) | **Recommended** | Keep an eye on the User Focus web site and blog - there are always useful tips coming up, based on Travis's extensive experience in consultancy work.

A Practical Guide to Measuring Usability: 72 Answers to the Most Common Questions about Quantifying the Usability of Websites and Software: Jeff Sauro: 9781453806562:
Amazon.com: Books
[Book](#)

Quantifying the user experience: practical statistics for user research, by Jeff Sauro; James R. Lewis, c2012
[Book](#) | **Further**

Dreaming of the perfect usability lab | UX Collective, by Miles Hunter
[Webpage](#) | non-technical requirements for usability lab

Constructing and Equipping a Lab - Part 3 | Usability.gov
[Webpage](#) | Equipping a usability lab - from usability.gov

Accessibility (7 items)

BT Including You
[Webpage](#)

Exclusion calculator - Inclusive design tools
[Webpage](#)

Impairment simulator software - Inclusive design tools

[Webpage](#)

Investigating the Accessibility and Usability of Job Application Web Sites for Blind Users - in International Journal of Usability Studies, by Jonathan Lazar; Abiodun Olalere; Brian Wentz, 2012

[Article](#)

A Usability Evaluation of Workplace-Related Tasks on a Multi-Touch Tablet Computer by Adults with Down Syndrome - in International Journal of Usability Studies, by Libby Kumin; Jonathan Lazar; Jinjuan Heidi Feng; Brian Wentz; Nnanna Ekedebe, 2012

[Article](#)

Development and Evaluation of Two Prototypes for Providing Weather Map Data to Blind Users Through Sonification - in International Journal of Usability Studies, by Jonathan Lazar; Suranjan Chakraborty; Dustin Carroll; Robert Weir; Bryan Sizemore; Haley Henderson

[Article](#)

Usability Evaluation of Email Applications by Blind Users - in International Journal of Usability Studies, by Brian Wentz; Jonathan Lazar

[Article](#)

Biometrics and related techniques (5 items)

Bentley University Corporate Immersion Class Case Study - YouTube

[Audio-visual document](#) | [Further](#) | Eye tracking and biometrics in action - film by group of US students, doing a very professional job.

Facial expression recognition software, FaceReader |

[Webpage](#)

Eye tracking methodology: theory and practice, by Andrew T. Duchowski, c2007

[Book](#) | E-book

Eye tracking methodology: theory and practice, by Andrew T. Duchowski, 2007

[Book](#)

Eye See - affordable eye tracking

[Webpage](#)

Expert Evaluation/Usability Audit (5 items)

Heuristic Evaluation on Mobile Interfaces: A New Checklist - in The Scientific World Journal, by Rosa Yáñez Gómez; Daniel Cascado Caballero; José-Luis Sevillano, 2014

[Article](#)

Example set of personas - Inclusive design tools

[Webpage](#)

User capabilities

Webpage

What is an expert review? - website audit | Experience Solutions | Experience Solutions

Webpage

Principles of Mobile Design - 4ourth Mobile Design Pattern Library

Webpage | Excellent mobile heuristics

Subjective approaches - interview, focus group, questionnaire (3 items)

Survey and Questionnaire - Usability-NET

Webpage

Interviewing users: how to uncover compelling insights, by Steve Portugal, 2013

Book

Capturing “cool”: Measures for assessing coolness of technological products - in International Journal of Human-Computer Studies, by S. Shyam Sundar; Daniel J. Tamul; Mu Wu, 2014-2

Article

Evaluating at a distance (1 items)

The handbook of global user research, by Robert M. Schumacher, 2009

Book

Model based approaches (1 items)

User experience tutorial: Fitts's Law | lynda.com - YouTube, 20 Dec 2012

Audio-visual document | Nice explanation of Fitts' Law

30 Useful User Experience (UX) Tools - Usability Geek, by Bartosz Mozyrko

Webpage