

Do it YOURSELF



USABILITY ~~THE~~
TESTING



+

usability testing

a process that employs people as testing participants who are representative of the target audience to evaluate the degree to which a product meets specific usability criteria.

LIBSPrototype_v001 - Microsoft Internet Explorer

View Virtual Machine Window

File Edit View Favorites Tools Help

Address C:\Documents and Settings\Administrator\Desktop\Participant-4\TestPage.html

Date for: Macro Go to: - Select Table -

UBS

PnL Overview

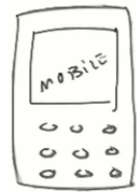
Edit Table Filter Currencies Products Reporting Currency: USD Start Period: EOD End Period: Live

	USD	AUD	CAD	CHF	DKK	EUR	GBP	JPY	NOK	NZD	SEK	Total
IRS	5 666	20	-46	-24	24	9	949	-264 516	-5 569	2 429	-40 368	-301 426
OTS	-7 097	21	-11	-17	19	60	583	-248 254	-14 009	-4 508	26 234	-246 979
FRA	5 007	15	52	17	-10	42	486	755 007	10 781	-5 041	29 427	795 783
Bonds	-830	-111	51	35	-62	32	-1	-4 594	1 159	-1 580	6 567	666
Cash	51	-10	16	40	-40	41	36	16 261	-8 536	-2 154	-3 603	2 102
Futures	-49	108	19	54	-9	25	-12	-100 568	4 143	-2 463	-3 705	-102 487
Deposits	376	-19	20	56	-10	9	-41	97 752	5 344	-3 784	-3 618	96 085
Repos	-842	-40	30	54	21	1 886	-143 276	1 289	4 759	-17 645	-964	-154 937
Total	2 282	-16	131	215	-67	1 904	-141 276	252 377	-1 928	-34 749	9 970	88 837

Done

start RITE Participant-4 LIBSPrototype_v001 - ...

why recording?



memory aid



powerful communication tool

LIBSPrototype_v001 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\Administrator\Desktop\Participant-f\TestPage.html

UBS

Date from: Macro Go to: Select Table

PNL Overview

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actions

reactions

4 approaches to the
small detail of how on earth
are you going to record the whole thing

1. wearable equipment



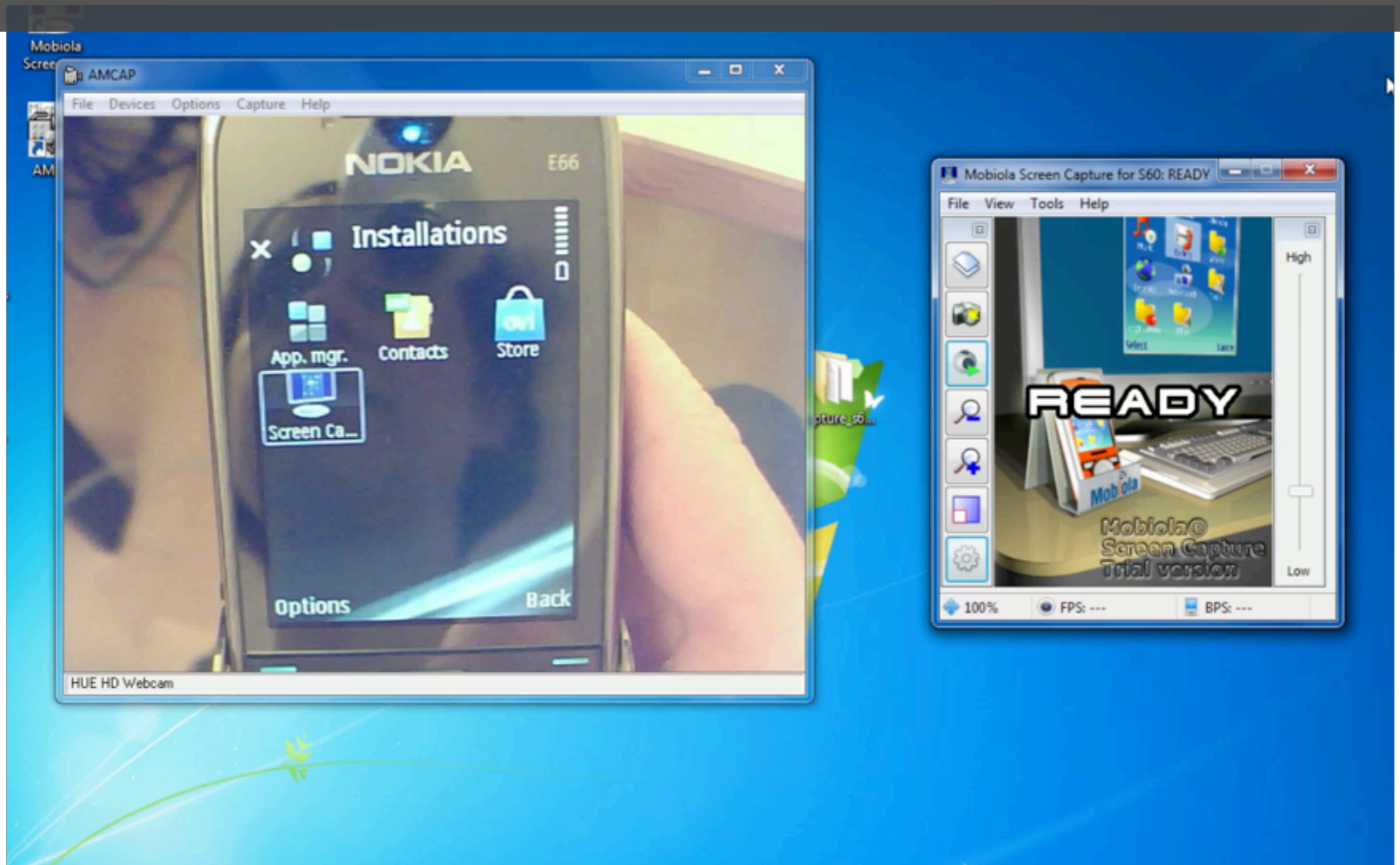
Methods and techniques for field-based usability testing of mobile geo-applications, I. Delikostidis (2007)
International Institute for Geo-Information Science and Earth Observation (Enschede, The Netherlands)

1. wearable equipment



Will Laboratory Test Results be Valid in Mobile Contexts?, A. Kaikkonen, A. Kekäläinen, M. Cankar, T. Kallio, A. Kankainen and A Field Laboratory for Evaluating in Situ, R. T. Høegh, J. Kjeldskov, M. B. Skov, J. Stage, 2011

2. screen capture



Mobiola Screen Capture for Blackberry 4.2+ and Symbian S60 v3

<http://www.shapeservices.com/en/products/details.php?product=capture&platform=none#>

2. screen capture

Welcome

Support

News

Contact



UXRecorder captures gestures like taps, swipes and pinches

And uses the camera to capture a user's reaction

Features

Built-in Browser

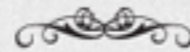
Recording

2. screen capture



[HOME](#) [HOW IT WORKS](#) [TRY](#) [BUY](#) [SUPPORT](#) [BLOG](#)

Simple mobile usability testing for sites and apps.
Everything is captured and recorded on the device
with no additional hardware required.



Magitest - How it works

Front camera to see them

Microphone to hear them

Big tank of tiny little processing
monkeys to see what users do.



2. screen capture

Shop

Games

Family

Editors' Choice
My Play activity

My wishlist

Redeem

Parent Guide



UX Cam

UXCam Tools

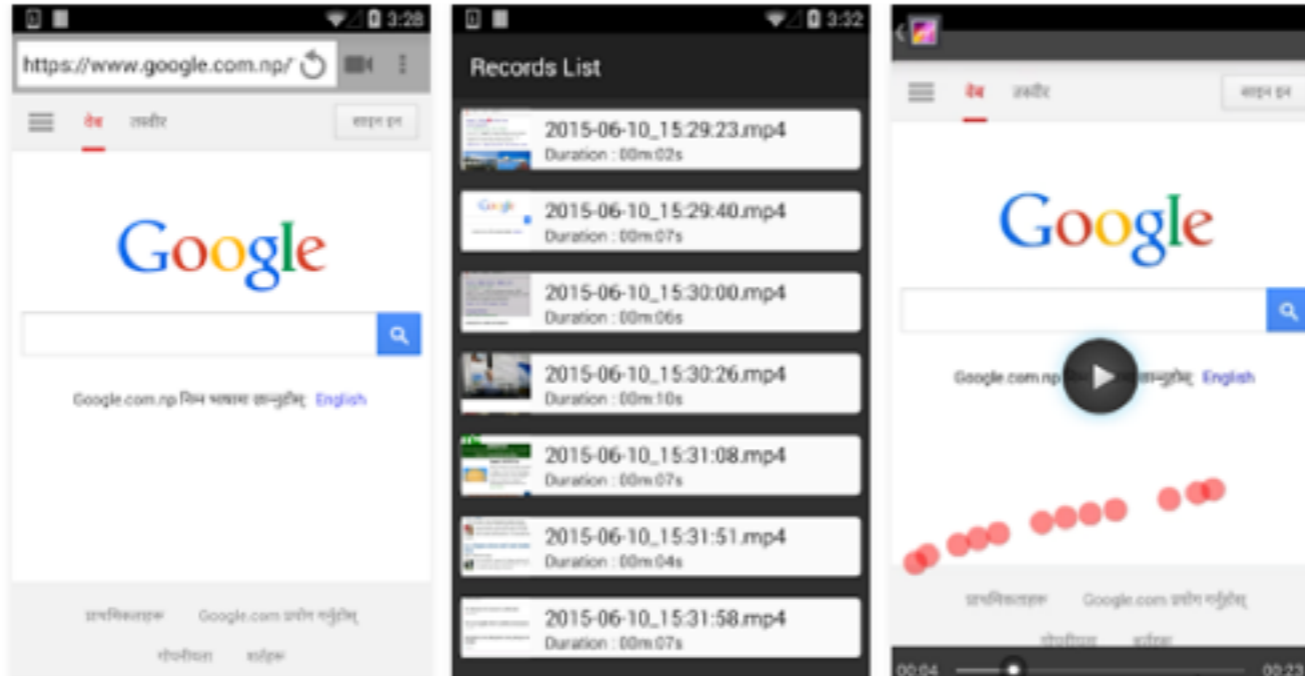
★★★★★ 2

3+

This app is compatible with some of your devices.

Add to Wishlist

Install



UX Cam is tool for user testing websites on Android devices. Watch playback videos of UX Cam session with gesture overlay. UX Cam will help you find UX issues and record interactions with websites.

REVIEWS

Write a Review

Similar



Wire Flow Wireframe
Ludomade

★★★★★ FREE



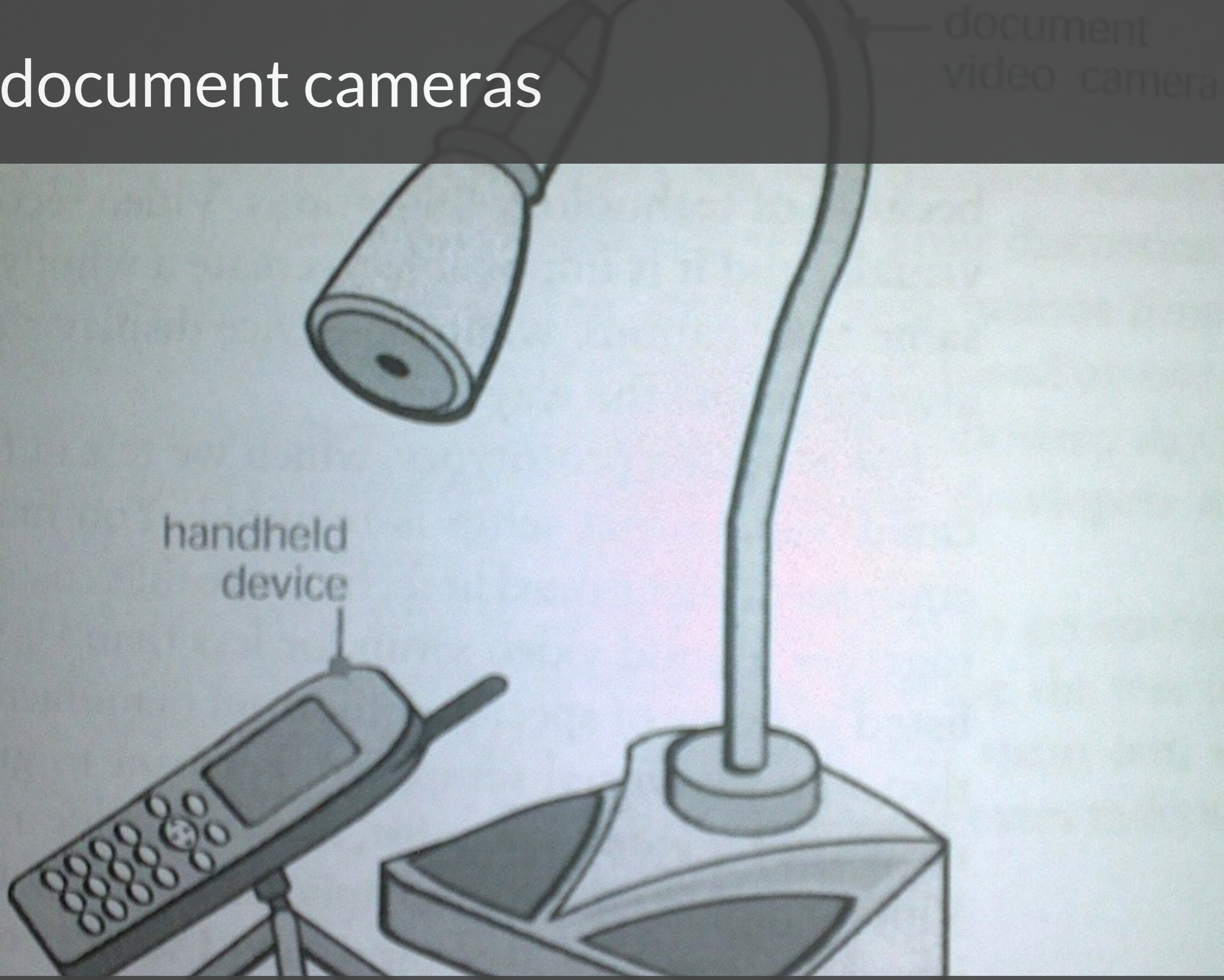
UX Suite
Synaptics, Inc.

★★★★★ FREE



UX Bucharest
mReady

3. document cameras





Towards the Perfect Infrastructure for Usability Testing on Mobile Devices
R. Schusteritsch, C.Y. Wei, M. LaRosa - Google (CHI 2007)

4. Mounted devices (the ones you buy)



Mobile Device Camera by Noldus
[http://www.noldus.com/human-behavior-research/
accessories/mobile-device-camera-mdc#](http://www.noldus.com/human-behavior-research/accessories/mobile-device-camera-mdc#)

4. Mounted devices (the ones you buy)



[Home](#) [Product](#) [Shop](#) [Customers](#) [Story](#) [Contact](#) [Everything else](#)

Mr Tappy is a kit for filming mobile phones, tablet computers and hand-held devices from the user's point of view.

Originally designed as a filming rig for iPad usability testing, Mr Tappy lets you capture or share user interaction with mobile devices during UX (User Experience) research, mobile usability testing, product demonstrations or classroom presentations.



4. Mounted devices (the ones you make)



Little Springs Design
<http://www.littlespringsdesign.com/testing-for-mobile-devices>



Google
Towards the Perfect Infrastructure for Usability Testing on Mobile Devices, R. Schusteritsch, C.Y. Wei, M. LaRosa - Google (CHI 2007)

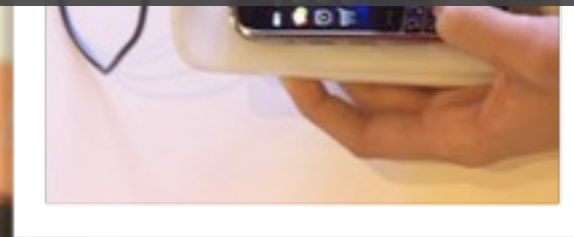
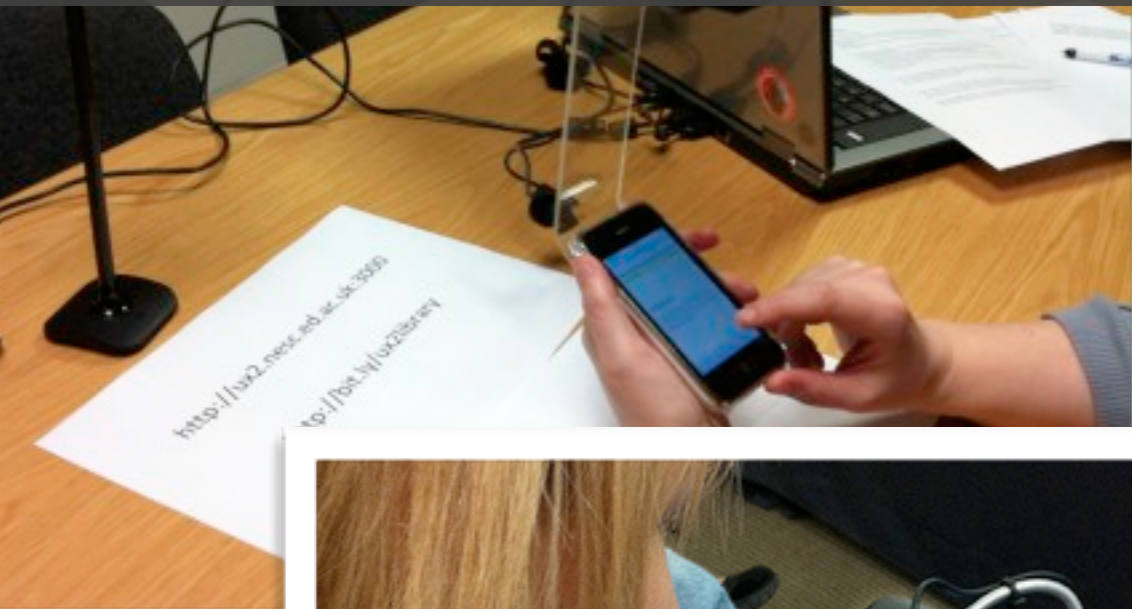


Nick Bowring

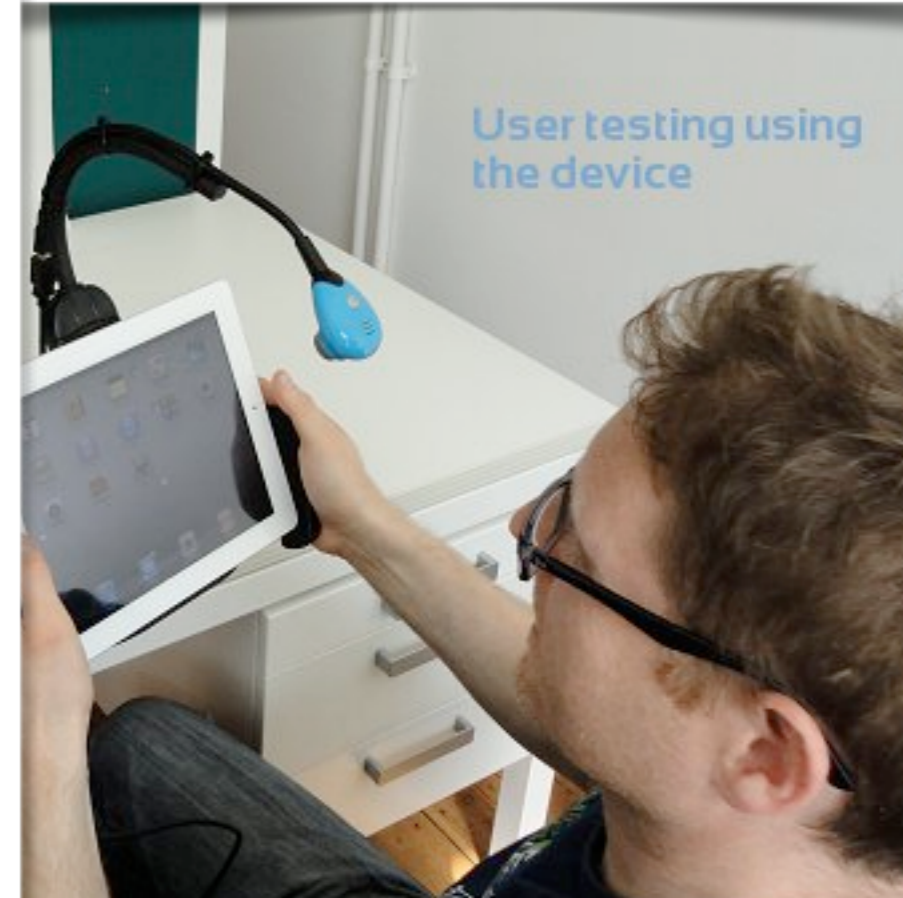
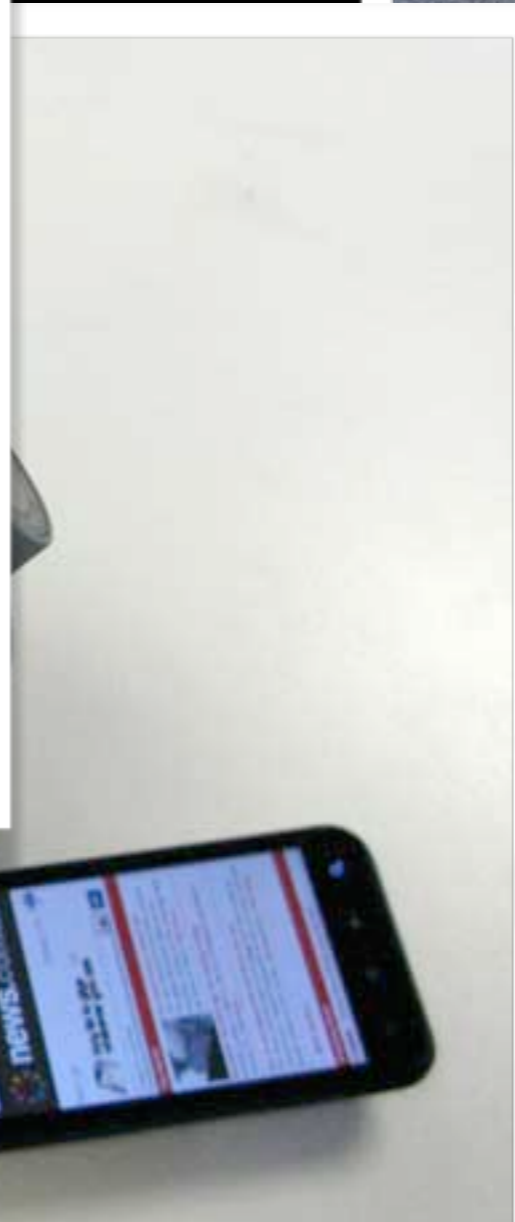


Usability Sciences
<http://www.usabilitysciences.com/services/lab-based-usability-testing/mobile-usability-testing>

4. Mounted devices (the ones you make)



by curiouslee



User testing using the device

easy to put together

cheap

repeatable

allows holding the device














































allows one-handed use

supports all form factors

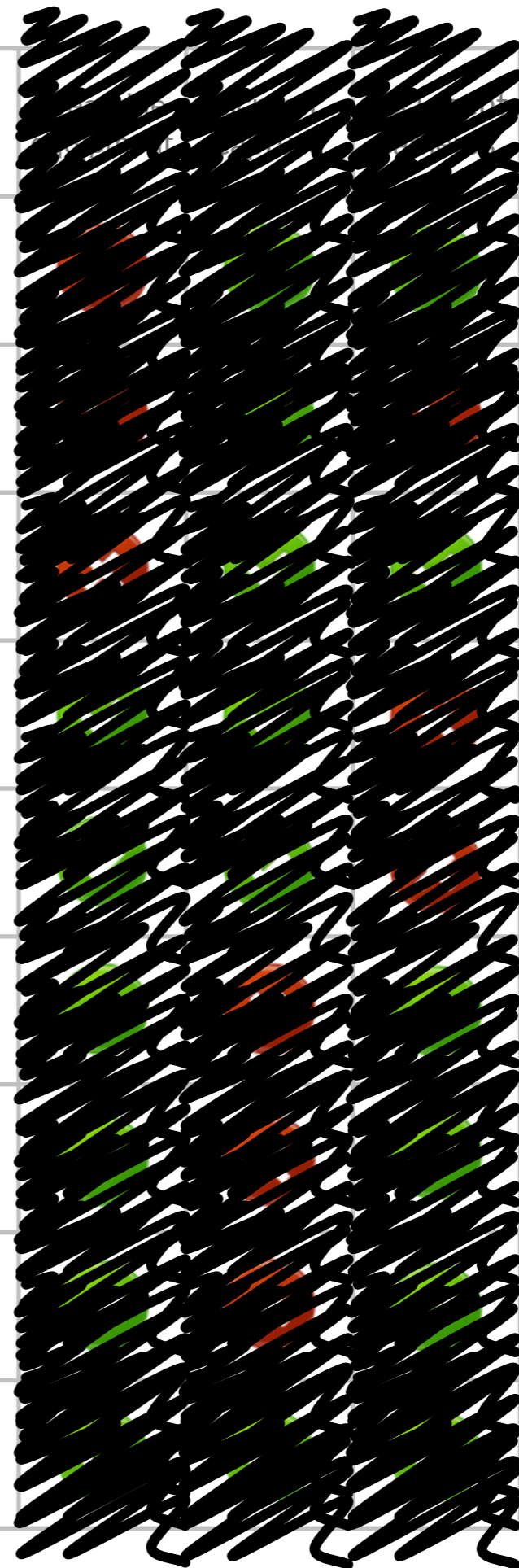
runs tests with participants' phones










captures screen, face and fingers


gives enough video quality

	wearable equipment	screen capture	document cameras	mounted devices (buy)	mounted devices (make)
easy to put together					
cheap					
repeatable					
allows holding the device					
allows one-handed use					
supports all form factors					
runs tests with participants' phones					
captures screen, face & fingers					
gives enough video quality					

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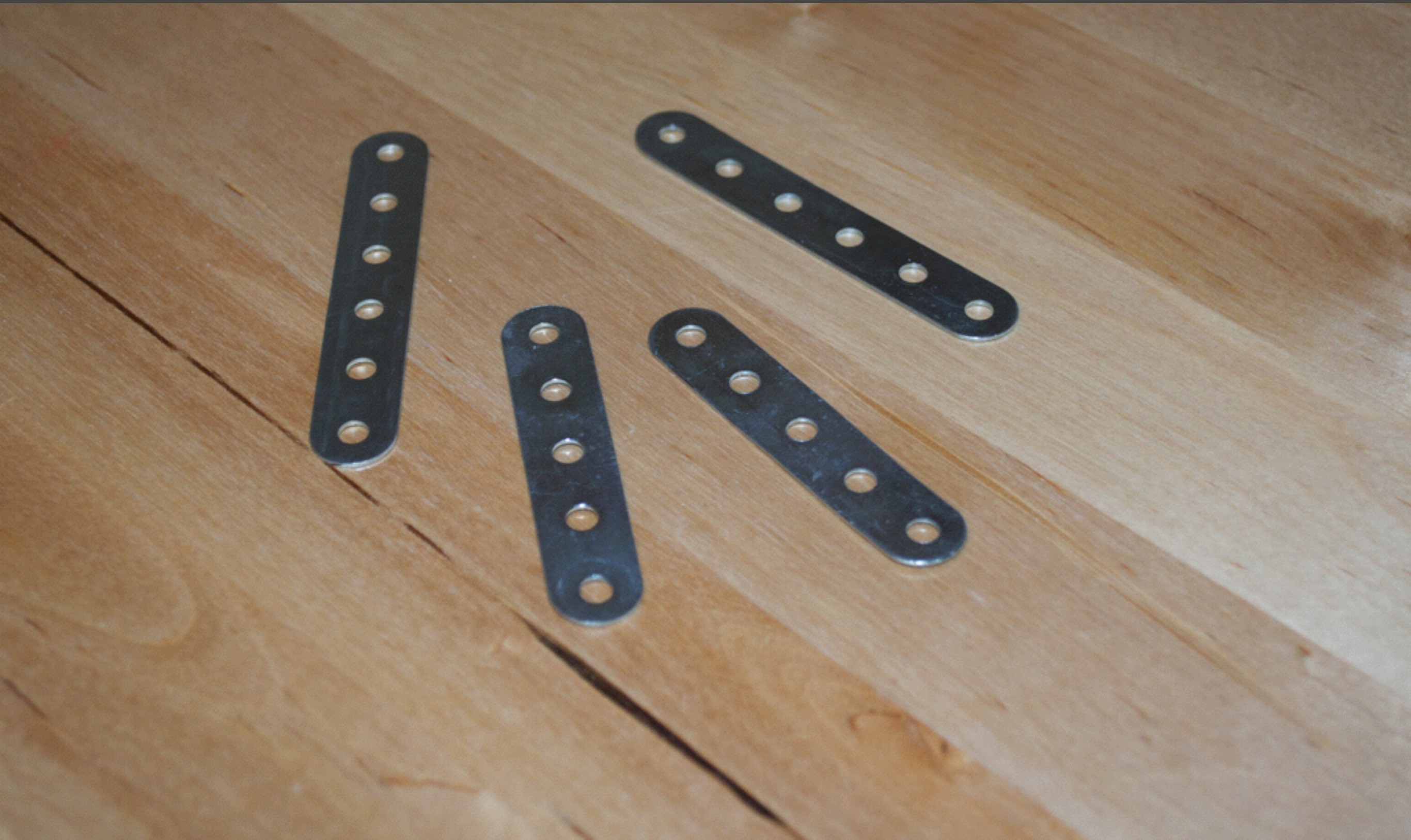
A Muppet character, resembling a chef, is shown from the chest up. He has a large, round, brown face with a prominent nose and a wide, slightly open mouth. He is wearing a white chef's hat and a white shirt with a bright pink bow tie. To his left, a silver metal bowl is visible. In the background, another Muppet character, a brown mouse-like creature, is partially visible. A speech bubble with a black outline is positioned to the right of the chef's face, containing the text "THE INGREDIENTS".

THE
INGREDIENTS

two meccano trunions (part no. A126)



two 5 and 6-hole meccano strips
(part nos. 5 & 4)



one 11-hole meccano strip (part no. 2)



six meccano screws & nuts (part nos. 69 & 37h)



one 13-20mm jubilee clip



one HUE HD webcam



HUETM
HD WEBCAM

a USB male to female extension cable



blu tack (I think you call it mounting putty)



an allen key

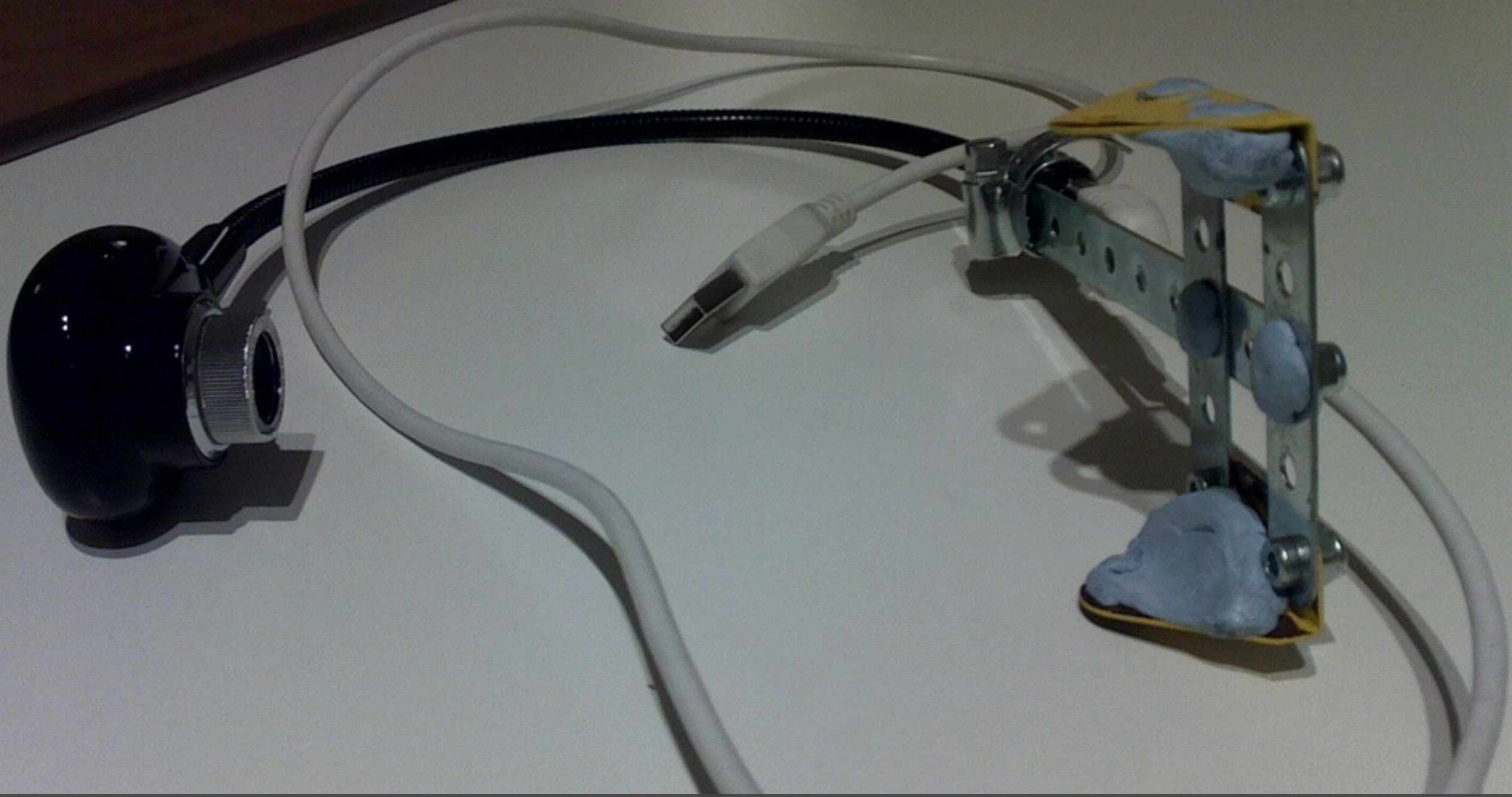


a meccano wrench

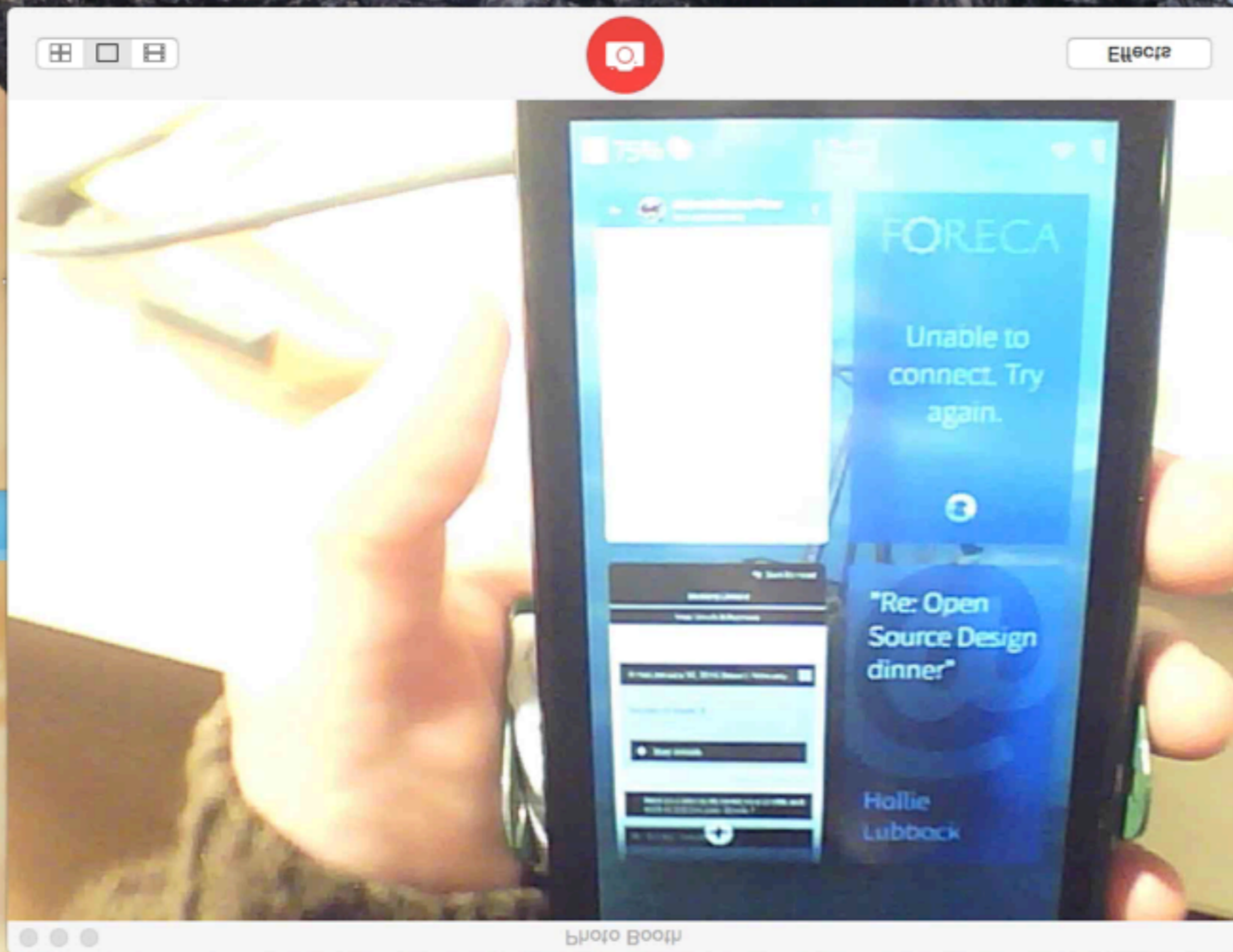


a screwdriver





<https://www.youtube.com/watch?v=BrV3Zhp7gPQ>



AMCAP [Window Title Bar]

File Devices Options Capture Help [Menu Bar]

HUE HD Webcam [Caption]

AMCAP [Window Title Bar]

File Devices Options Capture Help [Menu Bar]

USB Video Device [Caption]

Recycle Bin



Insight Recorder

This is a prototype application for recording screencasts and webcams simultaneously for running user testing sessions.

Use at your own risk.

Insight recorder

Project: testtest

Recording name	Date	Duration	Delete
Test using web	25-10-at-15h48m	0:01:30	<input type="checkbox"/>
test other thing	25-10-at-16h58m	0:00:03	<input type="checkbox"/>

Create recording Delete

insight-recorder

Project name:

Project folder:

Videos

Cancel Create

<https://github.com/insight-recorder/insight-recorder>

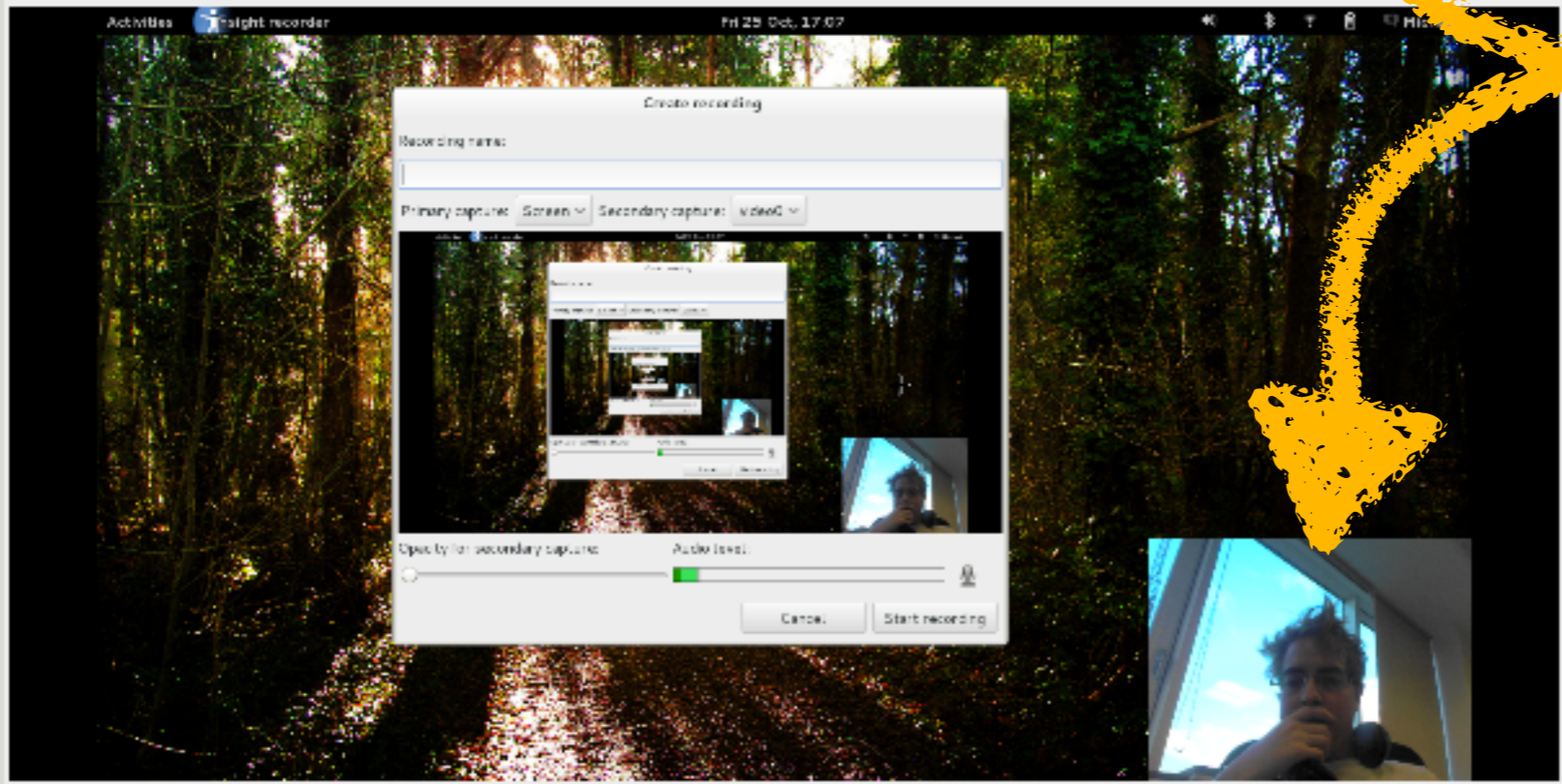
Create recording

Cancel Create

Create recording

Recording name:

Primary capture: Screen Secondary capture: video0



Michael Wood

Opacity for secondary capture:

Audio level:



Cancel Start recording

Real time compositing

Automatic rotation of
main camera feed

mozilla



voice interacti...Google Search

[https://www.google.c...ozilla-en-US-official](https://www.google.com/search?q=mozilla-en-US-official)



rightmove - Google Search

[https://www.google.c...ozilla-en-US-official](https://www.google.com/search?q=mozilla-en-US-official)



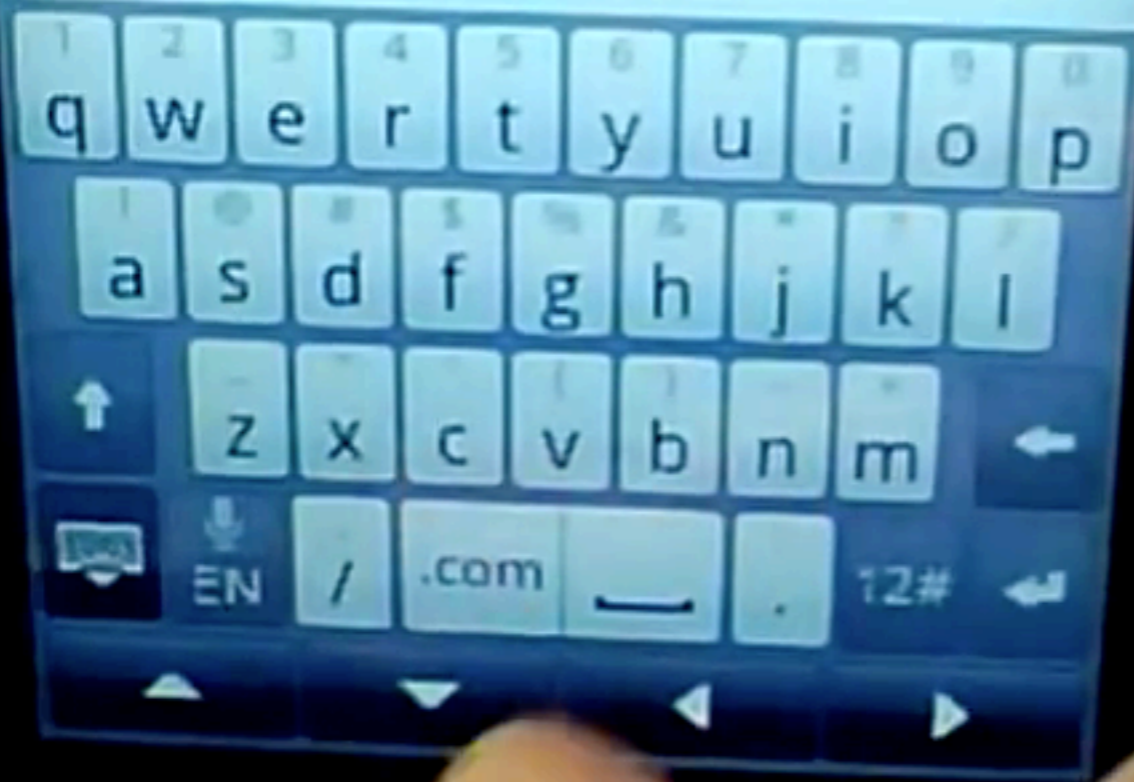
belen barros p...Google Search

[https://www.google.c...ozilla-en-US-official](https://www.google.com/search?q=mozilla-en-US-official)



etxeondo cycli...Google Search

[https://www.google.c...ozilla-en-US-official](https://www.google.com/search?q=mozilla-en-US-official)



me



We expect much of our buildings: they need to have firm foundations, solid structures, pleasing aesthetics. **We should expect the same of emerging mobile systems.**

Mobile Interaction Design, M. Jones and G. Marsden (2005)

Thank you!

belenbarrospena@gmail.com

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