



WELCOME TO YOUR

SPA Day





Head of User Experience & Design

Pete Fleming

CHARIOT
SOLUTIONS

UX Principles for JavaScript

Consistency

Hierarchy

Accessibility

Negative-Space

Grouping

Error-Treatment

Consistency



Cancel

Save

Cancel

Save

Cancel

Confirm

Redo Capture

Cancel

Cancel

Search again

submit

Done

Scanning

+ Filter ▾

Search

Forgot My Password

Sign In

Edit

Sign In

Edit

Sign In

Clear

Delete

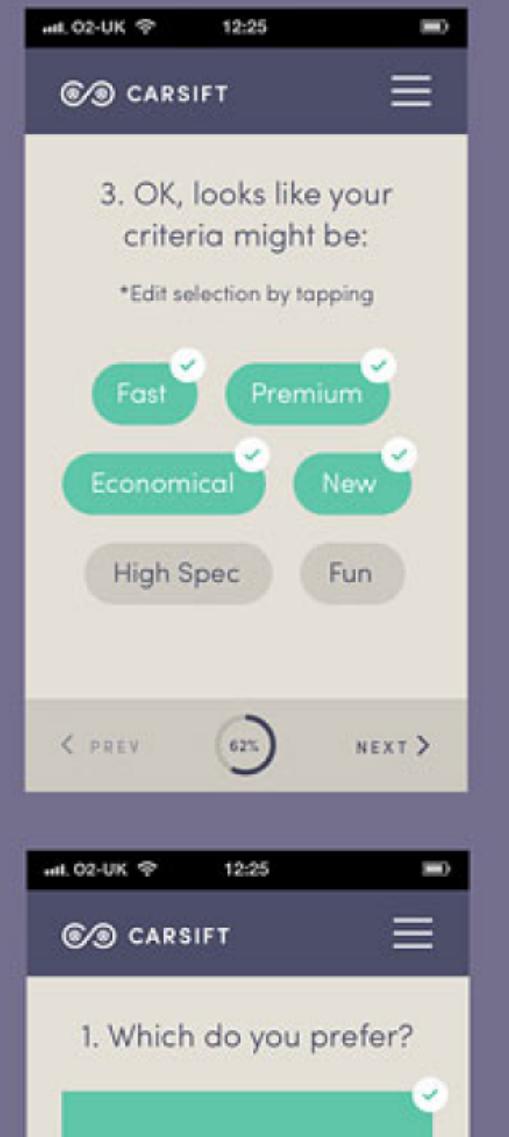
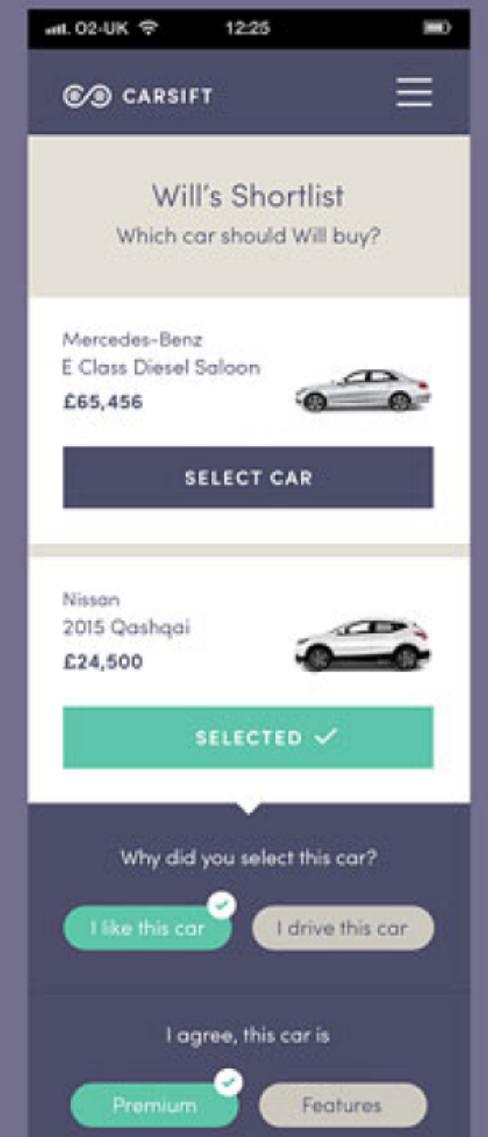
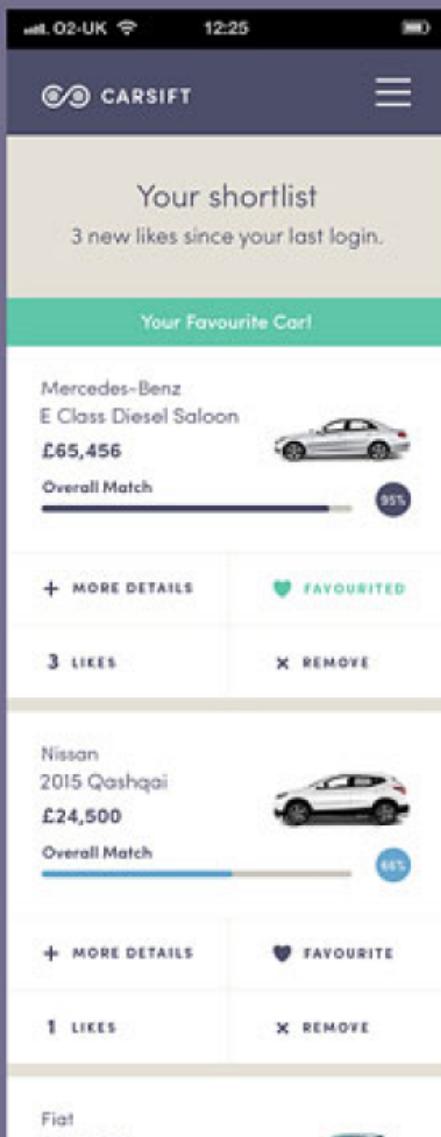
Redo Capture

Return to Program List

Invitee List

Manage

Add a new person







Consistency

Chunking Exercise



Consistency

Chunking Exercise

Red

Black

White

Pink

Green

Orange

Yellow

Purple

Gray

Consistency

Put this principle into practice?

- Start with a Design Guide - rough is better than none
- Keep it updated - Font Styles, Link Styles, Colors, Screen layout
- Hang up every screen side-by-side

Hierarchy



CAR LEASING

Want a cheap new lease car? Start HERE!

My cheapest leasing deals!

[Click to chat with Ling](#)

ABARTH CAR LEASING

SRT
SRT Convertible

ALFA ROMEO LEASING

Mito

LINGSCARS.COM

UK CONTRACT HIRE CARS FROM LING VALENTINE

You can trust me... I've driven over 275 million of cars (in 4000+ countries)

CAR LEASING - CONTRACT HIRE - CHEAP LEASE CARS

Home Cars and Vans How It Works Price Lists About Ling 1500+ Lovers Customers Fun Stuff Quote/Order

Business Customer Pricing Personal Customer Pricing The Best FAQs in the World!

"JUST CLICK!"

You can't find a car? Apply for a CAR QUOTE

MEET MY STAFF

Ling is OFFICIAL VIZ atheist business advisor

View LIVE visitors: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

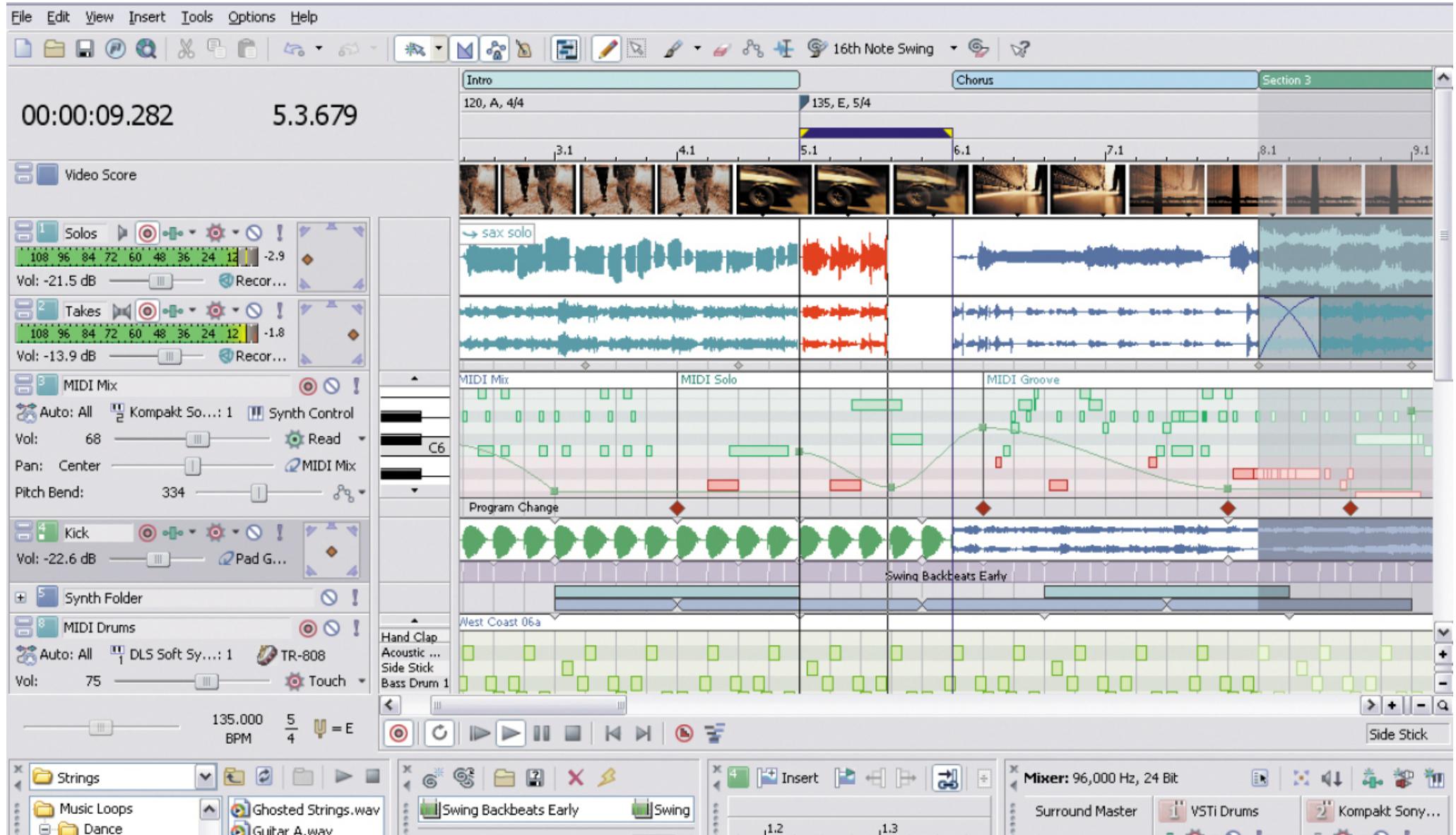
PLAY GAME

Play stupid game NEW

FAQ: IN THE WORLD!

CHAT!

LIVE





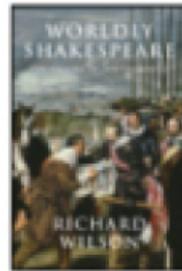
Welcome to Edinburgh University Press

Edinburgh University Press is the premier Scottish publisher of academic books and journals.

Books

Books by Subject

- [American Studies](#)
- [Classics & Ancient History](#)
- [Critical Editions](#)
- [Film & Media Studies](#)
- [Islamic & Middle Eastern Studies](#)
- [Language & Linguistics](#)
- [Law](#)
- [Literary Studies](#)
- [Philosophy](#)
- [Politics](#)
- [Reference](#)
- [Scottish Studies](#)
- [All](#)
- [Series...](#)



**Worldly Shakespeare: The
Theatre of Our Goodwill**

Richard Wilson

The first study to consider Shakespeare's plays through the lens of contemporary agonistic political philosophy.



**Being Palestinian: Personal
Reflections on Palestinian
Identity in the Diaspora**

Edited by Yasir Suleiman

102 Palestinians in the west reflect in their own words on what it means to be Palestinian in the diaspora.

Journals

Journals by Subject

- [Archaeology](#)
- [Botany](#)
- [Film & Media Studies](#)
- [History](#)
- [Islamic Studies](#)
- [Language & Linguistics](#)
- [Law](#)
- [Literary Studies](#)
- [Philosophy](#)
- [Politics](#)
- [Religious Studies](#)
- [Science & Social Science](#)
- [Scottish Studies](#)
- [All](#)



Scottish Affairs

A special issue of the journal examines the Scottish National Party's time in government since 2007.



Film-Philosophy

New in 2016, *Film-Philosophy* is fully Open Access and dedicated to the engagement between film and philosophy.

New Books



News

100+ eBooks Now Available

Over 100 books published in 2014 & 2015 are now available as eBooks for libraries, and are coming soon to Kindle, the Apple Store and more.

Information Zone

- [Authors](#)
- [Academics](#)
- [Societies](#)

[Create Your Account](#)



Publishing in partnership

Learn more about our full publishing service for societies.

Share [f](#) [t](#) [G+](#) [in](#) [+](#)

Explore

Edinburgh University Press is one of the leading university presses in the UK. We publish books and journals across a range of subject areas in the humanities and social sciences.



BOOKS



JOURNALS



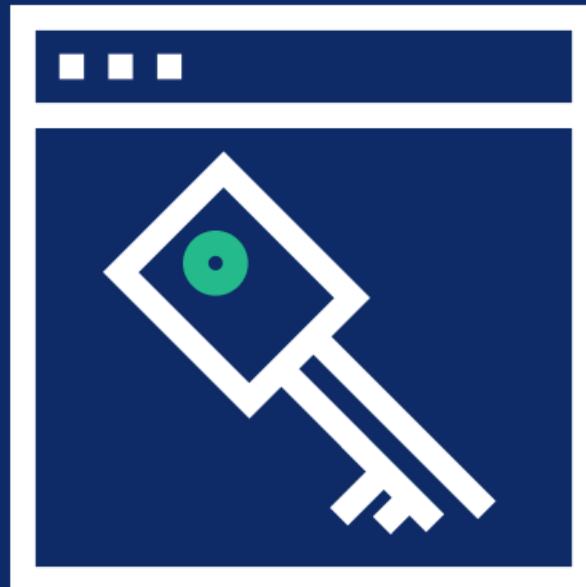
ABOUT US

Hierarchy

Put this principle into practice?

- List all of the objectives that a user may need to accomplish
- Now highlight the ONE main objective and 2-3 secondary
- Continue to check back in with this priority list as you develop

Accessibility



Accessibility

Colors - Contrast / Usage

Focus / Action States

Alt Text on Images

Descriptive Links

Tabbing / Keyboard Navigation

Font Size

First Name

John

Last Name

Doe

Email

john@email

Password

Submit

NORMAL

First Name

John

Last Name

Doe

Email

john@email

Password

Submit

COLOR BLIND (DEUTERANOPIA)

First Name 

Last Name 

Email 

Password 

NORMAL

First Name 

Last Name 

Email 
enter valid email address

Password 

COLOR BLIND (DEUTERANOPIA)



Grocery & Gourmet ...



Black Friday Deals Week

Deliver to Peter
Macungie 18062

Buy Again

Browsing History

EN
Hello, peter
Account & Lists

Orders

Prime

0 Cart

Grocery Deals Snacks Breakfast Warm Beverages Cold Beverages Cooking Staples Baby Food Candy & Chocolate Prime Pantry



Explore the Grocery Gift Guide

Shop chocolates, gift baskets, and more [Shop now](#)

Grocery & Gourmet Food > Beverages > Coffee, Tea & Cocoa > Coffee > Instant Coffee

Starbucks Breakfast Blend Medium Roast Ground Coffee, 20-Ounce Bag by Starbucks

563 customer reviews | 37 answered questions

Amazon's Choice

for "starbucks coffee"

Price: **\$10.62** (\$0.53 / Ounce) \$11.18 \$0.56 (5%)

Your cost could be \$1.18. Eligible customers get a \$10 bonus when reloading \$100.

In Stock. Ships from and sold by Amazon.com.**13 Flavors:** Breakfast Blend Ground

Breakfast Blend

Select in 28
Ounce

Breakfast Blend...

\$11.18
(\$0.56 / Ounce)

Caffe Verona

\$9.98
(\$0.50 / Ounce)**2 Sizes:** 20 Ounce

28 Ounce

Select in
Breakfast

20 Ounce

\$11.18
(\$0.56 / Ounce)



Search...

Log In Sign Up

Learn, Share, Build

Each month, over 50 million developers come to Stack Overflow to learn, share their knowledge, and build their careers.

Join the world's largest developer community.



OR

Display name J. Doe

Email address you@example.com

Password *****

Sign Up

By clicking "Sign Up", you acknowledge that you have read our updated terms of service, privacy policy and cookie policy, and that your continued use of the website is subject to these policies.

Stack Overflow Business Solutions: Looking to understand, engage, or hire developers? [Learn more »](#)

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

Top Questions

Ask Question

Interesting 334 Featured Hot Week Month

0 votes

3 answers

1 view

Inserting same password for all the records in php

php

asked 1 min ago test 4

0 votes

0 answers

2 views

If A → B and AB → F, is ABCDE → F part of F+ (closure of F)?

database functional-dependencies

asked 1 min ago Lucas Peeters 1

Hot Network Questions

- How can a company recover after a Glassdoor debacle?
- Horizontal chart bars are cropped
- Is this number a hill number?
- Help identify the discrete component in this battery pack
- Was Nixon's Vietnam claim right before the 1968 election true?
- Explaining made up card game
- How to politely refuse to put someone in touch with my professional network?

Teams+Slack
Q&A for work

The Stack Overflow homepage features a large blue banner with the text "Learn, Share, Build" and a subtext about over 50 million developers. Below this, a sign-up form for Google and Facebook is shown, with a large red "FAIL!" box overlaid on it. The sign-up button is labeled "Sign Up". A note at the bottom right states: "By clicking \"Sign Up\", you acknowledge that you have read our updated terms of service, privacy policy and cookie policy, and that your continued use of the website is subject to these policies."

Search... Log In Sign Up

Learn, Share, Build

Each month, over 50 million developers come to Stack Overflow to learn, share their knowledge, and build their careers.

Join the world's largest developer community.

FAIL!

Display Name J. Doe

Email address you@example.com

FAIL!

Sign Up

By clicking "Sign Up", you acknowledge that you have read our updated terms of service, privacy policy and cookie policy, and that your continued use of the website is subject to these policies.

The "Top Questions" page shows two recent posts. The first post is titled "Inserting same password for all the records in php" and the second is "If A → B and AB → F, is ABCDE → F part of F+ (closure of F?)". Both posts have a red "FAIL!" box overlaid on them. The sidebar includes links for Home, PUBLIC, Stack Overflow, Tags, Users, Jobs, and a Teams+Slack Q&A for work section.

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

Teams+Slack Q&A for work

Top Questions

Ask Question

Interesting 334 Featured Hot Week Month

0 votes 3 answers 1 Inserting same password for all the records in php asked 1 min ago test 4

0 votes 0 answers 2 If A → B and AB → F, is ABCDE → F part of F+ (closure of F?) asked 1 min ago Lucas Peeters 1

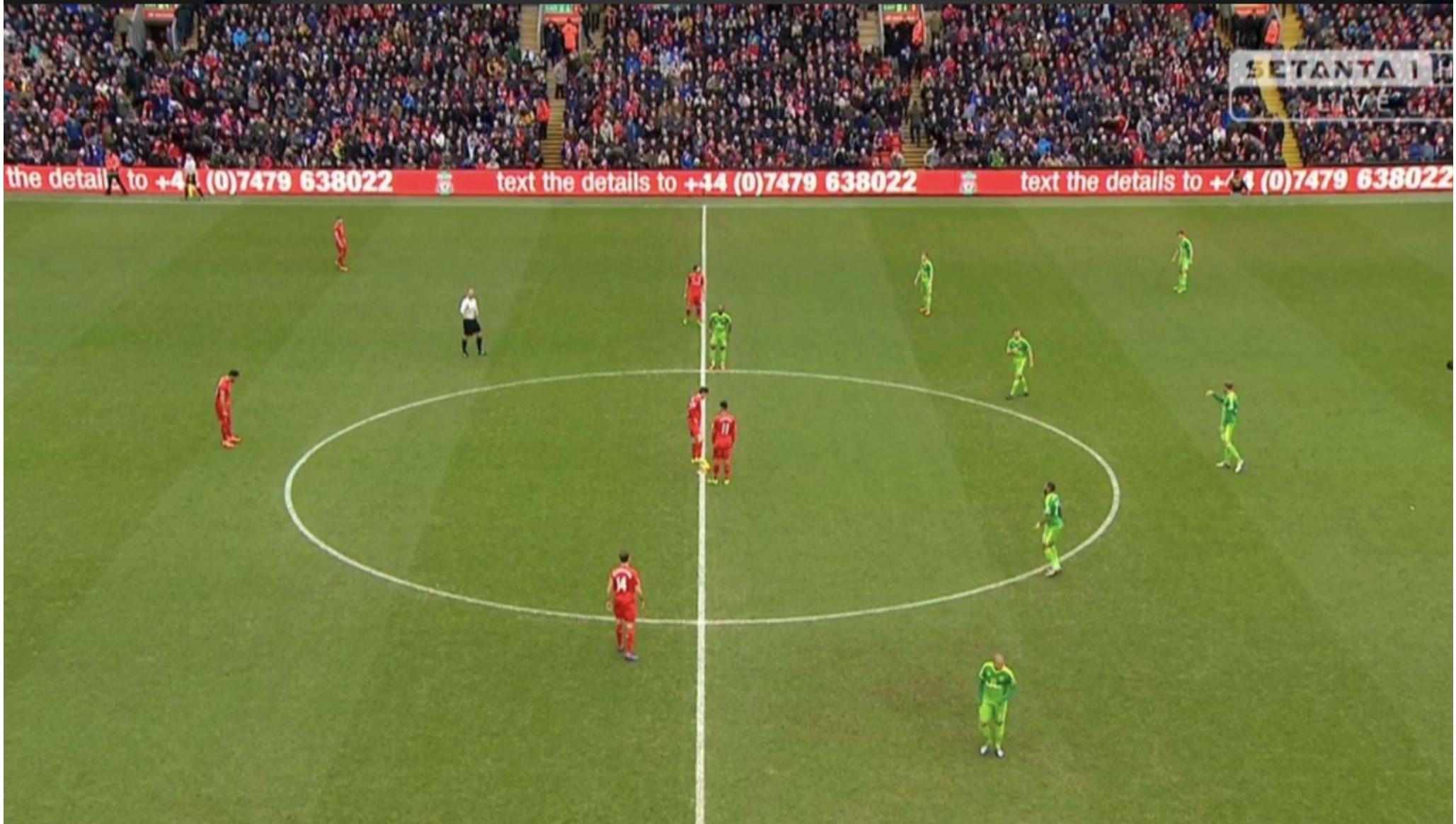
database functional-dependencies

FAIL!

Hot Network Questions

- How can a company recover after a Glassdoor debacle?
- Horizontal chart bars are cropped
- Is this number a hill number?
- Help identify the discrete component in this battery pack
- Was Nixon's Vietnam claim right before the 1968 election true?
- Explaining made up card game
- How to politely refuse to put someone in touch with my professional network?

Colour Blindness in football



Colour Blindness in football

BETANTA LIVE

the details to +44 (0)7479 638022

text the details to +44 (0)7479 638022

text the details to +44 (0)7479 638022



Accessibility

Put this principle into practice?

- Review against a checklist - accessibility.voxmedia.com
- Do it right first-time - Not a “fix it in post-production”
- Accessibility is everyone’s job!

Negative-Space





Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum



Lorem ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum

ciudatur ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis n
ercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis ai
dor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pari
mod tempor
quis nostrud
is aute irure
illa pariatur.
ia deserunt
tus error sit
eaque ipsa
t explicabo.
git, sed quia

Lorem ipsu
incididunt
exercitatio
dolor in re
Excepteur
mollit anin
voluptaten
quae ab illo
Nemo enim

CALL ATTENTION

rem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tem
cididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis n
ercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis ai

BLOG POST HEADING

August 1, 2016 • By Jane Doe

This is an example of bad visual hierarchy. Visual hierarchy is defined as the presentation of graphic elements in a way that implies importance. It is unclear to the viewer in what order the information should be read.

Continue Reading>

Published August 1, 2016 • By Jane Doe

BLOG POST HEADING

This is an example of good visual hierarchy. The viewer's attention is demanded by the bold blog post heading. The is directed toward the body paragraph and shifts up slightly to the author name and date. By using scale, color, contrast, alignment, and proximity, you can influence the order in which information is percieved.

[Continue Reading >](#)

CAR LEASING

Want a cheap new lease car? Start HERE!

My cheapest leasing deals!

[Click to chat with Ling](#)

ABARTH CAR LEASING

SRT
SRT Convertible

ALFA ROMEO LEASING

Mito

LINGSCARS.COM

UK CONTRACT HIRE CARS FROM LING VALENTINE

You can trust me... I've driven over 275 million of cars (in 4000+ countries)

CAR LEASING - CONTRACT HIRE - CHEAP LEASE CARS

Home Cars and Vans How It Works Price Lists About Ling 1500+ Lovers Customers Fun Stuff Quote/Order

Business Customer Pricing Personal Customer Pricing The Best FAQs in the World!

"JUST CLICK!"

You can't find a car? Apply for a CAR QUOTE

MEET MY STAFF

Ling is OFFICIAL VIZ atheist business advisor

View LIVE visitors: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PLAY GAME

Play stupid game NEW

FAQ: IN THE WORLD!

CHAT!

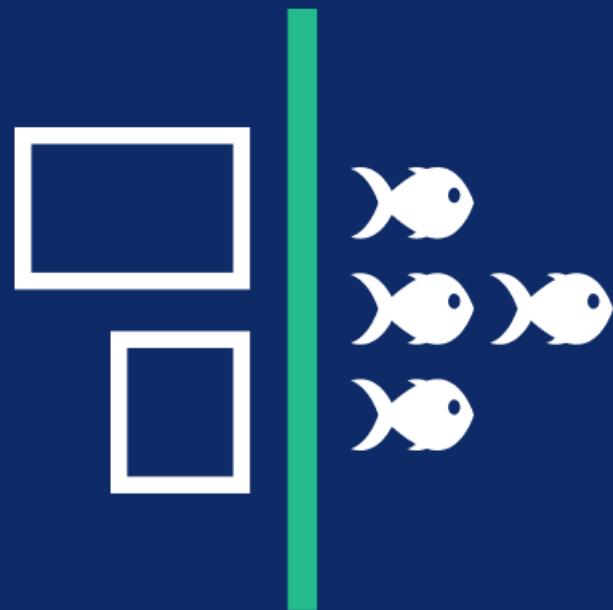
LIVE

Negative-Space

Put this principle into practice?

- Get comfortable with whitespace. open ≠ wasted
- Look at sites/software that you admire
- Understand that everybody scrolls - <http://abovethefold.fyi>

Grouping / Alignment



Top Aligned

Label:

Longer Label:

Even Longer Label:

One More Label:

- Value 1
 Value 2

Right Aligned

Label

Longer Label

Even Longer Label

One More Label

- Value 1
 Value 2

Left Aligned

Label:

Longer Label:

Even Longer Label:

One More Label:

- Value 1
 Value 2

Which jurisdiction does this bond apply to?

- Federal State

Applicant Name

Applicant Phone

(215) 3|

Applicant Street 1

Next Hearing Date



Delivery Information

Payment Method

City
Manchester

Don't.

Order Description	Amount	Qty
Forson Inc, Limited	\$ 234'500	1000
Marta Skyson,4.5%,23/08/2016	\$ 100'345	234
Shell trinity group, hold 1200	\$ 5'600	320
Forson Inc, limit @ 450	\$ 2300	60
Marta Skyson,4.5%,23/08/2016	\$ 123'445	2300
Shell trinity group, hold 1200,	\$ 24'040	1000
Marta Skyson,4.5%,23/08/2016	\$ 234'500	234
Shell trinity group, hold 1200,	\$ 100'345	1000

Do.

Order Description	Amount	Qty
Forson Inc, Limited	\$ 234'500	1000
Marta Skyson,4.5%,23/08/2016	\$ 100'345	234
Shell trinity group, hold 1200	\$ 5'600	320
Forson Inc, limit @ 450	\$ 2'300	60
Marta Skyson,4.5%,23/08/2016	\$ 123'445	2300
Shell trinity group, hold 1200,	\$ 24'040	1000
Marta Skyson,4.5%,23/08/2016	\$ 234'500	234
Shell trinity group, hold 1200,	\$ 100'345	1000

This is an example of bad visual hierarchy. Visual hierarchy is defined as the presentation of graphic elements in a way that implies importance. It is unclear to the viewer in what order the information should be read.

Continue Reading>

BLOG POST HEADING

August 1, 2016 • By Jane Doe

This is an example of bad visual hierarchy. Visual hierarchy is defined as the presentation of graphic elements in a way that implies importance. It is unclear to the viewer in what order the information should be read.

Continue Reading>

BLOG POST HEADING

August 1, 2016 • By Jane Doe

This is an example of bad visual hierarchy. Visual hierarchy is defined as the presentation of graphic elements in a way that implies importance. It is unclear to the viewer in what order the information should be read.

This is an example of good visual hierarchy. The viewer's attention is demanded by the bold blog post heading. The is directed toward the body paragraph and shifts up slightly to the author name and date. By using scale, color, contrast, alignment, and proximity, you can influence the order in which information is perceived.

[Continue Reading >](#)

Published August 1, 2016 • By Jane Doe

BLOG POST HEADING

This is an example of good visual hierarchy. The viewer's attention is demanded by the bold blog post heading. The is directed toward the body paragraph and shifts up slightly to the author name and date. By using scale, color, contrast, alignment, and proximity, you can influence the order in which information is perceived.

[Continue Reading >](#)

Published August 1, 2016 • By Jane Doe

BLOG POST HEADING

This is an example of good visual hierarchy. The viewer's attention is demanded by the bold blog post heading. The is directed toward the body paragraph and shifts up slightly to the author name and date. By using scale, color, contrast, alignment, and proximity, you can influence the order in which information is perceived.

Best Plan

\$64.07

Estimated per Month

10.45¢
per kWh

6 months

 Fixed

0%

Green Energy



Chosen

46

Times

In Last 30 Days

Price Advantage 6

Save about \$13.18 per month!

Sign Up

[View Fees, Offers, & Details](#)

Best Plan

10.45¢
per kWh

\$64.07
Estimated per Month

6 months
 Fixed

0%
Green Energy

**Chosen
46
Times**
In Last 30 Days

Price Advantage 6

Save about \$13.18 per month!

Sign Up

[View Fees, Offers, & Details](#)

MOST POPULAR

8.60¢

PER KWH

EST. SAVINGS \$35.24 (36%)

TERMS

12 months
fixed

POPULARITY 18

GREEN 0%

Green and Clean 5 Plus

FEES **OFFERS** **DETAILS ▶**

Sign Up
or call 855-419-3586

Grouping / Alignment

Chunking Exercise



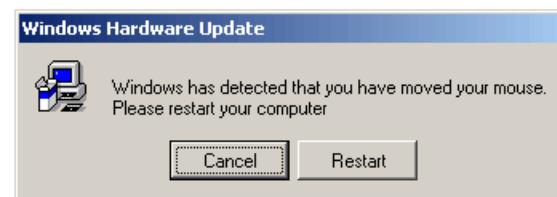
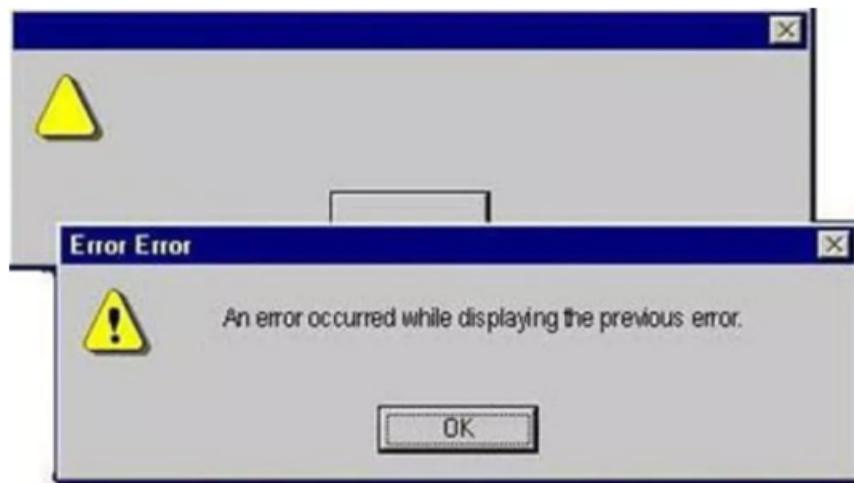
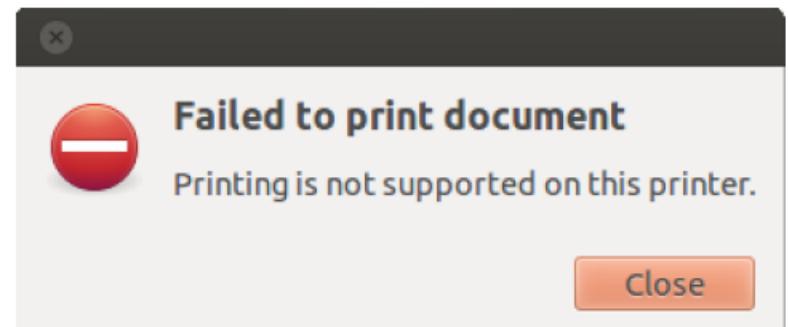
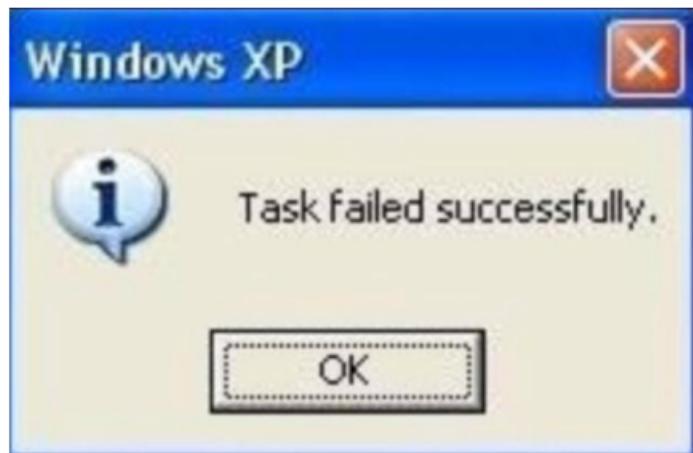
Grouping / Alignment

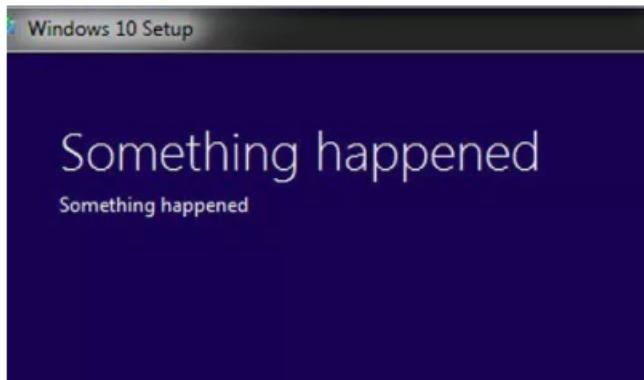
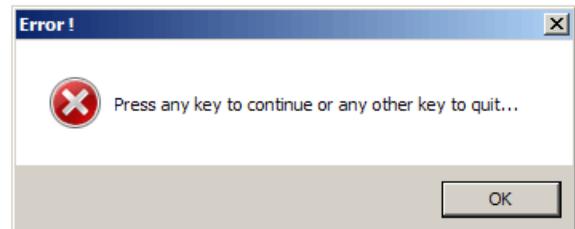
Put this principle into practice?

- Review the UI often—be conscious of how elements are grouped
- Make sure you are using enough margin/padding/space
- Use Center-alignment sparingly

Error-Treatment







Oops, something wasn't right

 This Form Has Errors

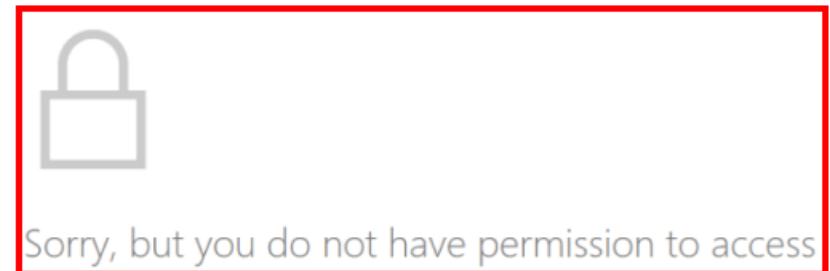
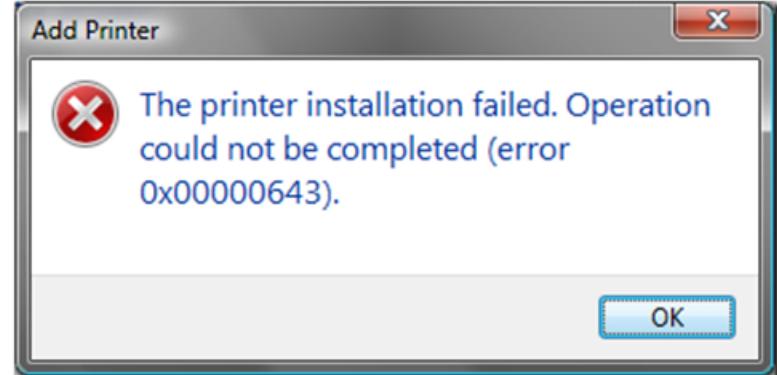
Form submission failed!

There was a problem creating your account

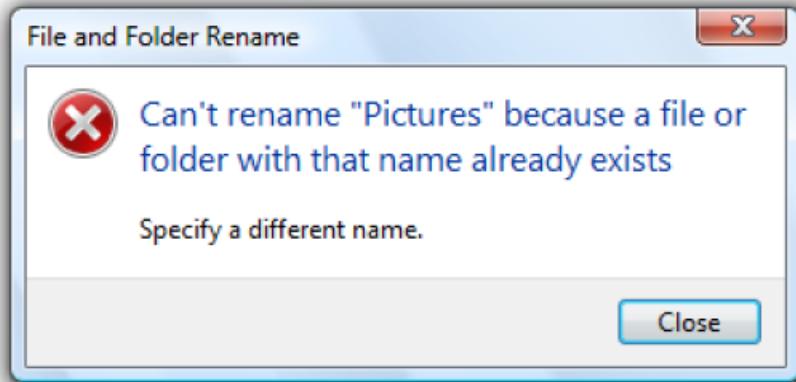
Invalid Fields

Oops, something has gone wrong

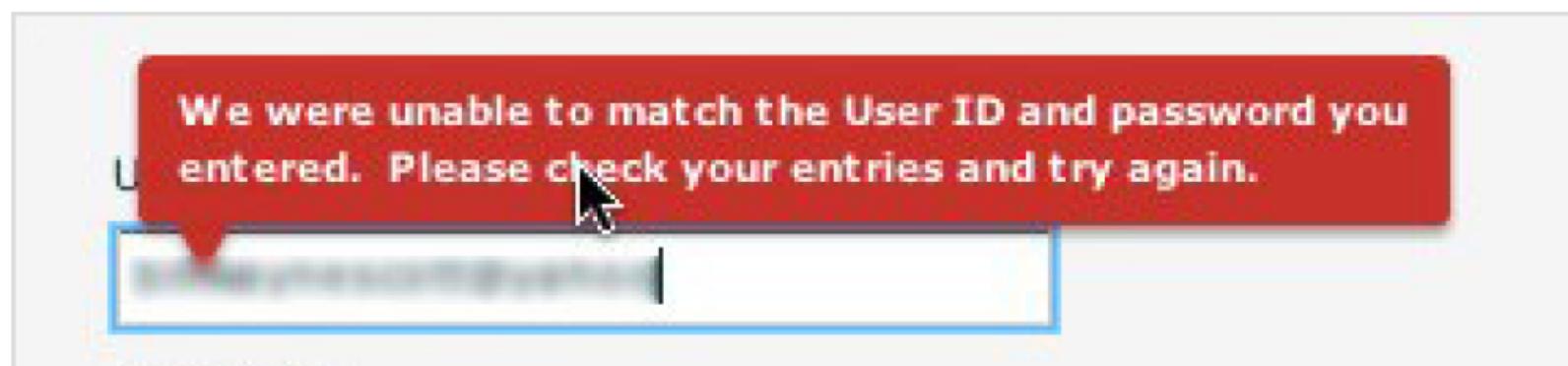
3 errors prohibited this user from being saved

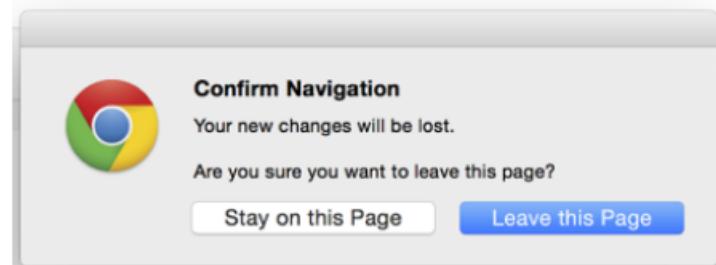
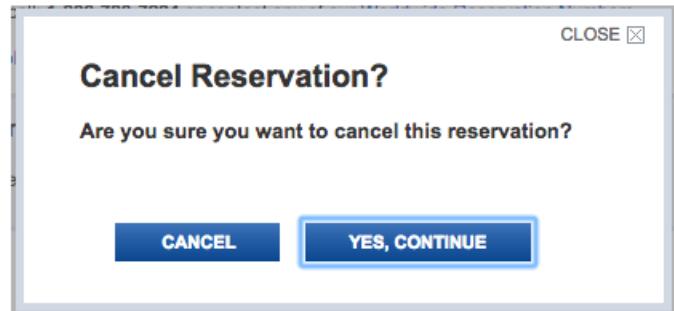


This application failed to start because it could not find or load the Qt platform plugin "windows".



ERROR: The password you entered for the username **admin** is incorrect. [Lost your password?](#)





Phone Number *

() -

An Amazon search results page for the term "etyl". The search bar shows "etyl". Below it, the results list includes:

- etyl'motic earplugs
- etyl'motic
- etyl'motic er20xs
- etyl'mology dictionary
- etyl'motic ear plugs

The page also features the "Black Friday" banner and the "Hello, peter" account information.

Error-Treatment

Put this principle into practice?

- Error Audit
 - Can this be prevented?
 - Can the user reverse out of the error state?
 - Is there info in the message to help user fix/avoid this error?
- Setup an email to yourself any time anyone gets an email

SPA Day Prototype





WELCOME TO YOUR

SPA Day

CHARIOT
SOLUTIONS



Chariot SPA Day



Welcome to our SPA

Just float and wait for the wind to blow you around. Here's another **little happy bush**. Let all these little things happen. Don't fight them. Learn to use them. No worries. No cares.

How do you make a round circle with a square knife? That's your challenge for the day. Anytime you learn something your time and energy are not wasted. **Let's get crazy**. At home you have unlimited time. We need a shadow side and a highlight side. Nothing's gonna make your husband or wife madder than coming home and having a snow-covered dinner.

This is your world, **whatever makes you happy** you can put in it. Go crazy. Everybody needs a friend. It's important to me that you're happy. Isn't that fantastic? You can just push a little tree out of your brush like that. They say everything looks better with odd numbers of things. But sometimes I put even numbers—just to upset the critics. Maybe we got a few little happy bushes here, just covered with snow.

Didn't you know you had that much power? **You can move mountains**. You can do anything. Don't kill all your dark areas - you need them to show the light. It just happens - whether or not you worried about it or tried to plan it.

Choose an appointment time:

11 am - 1 pm

October 31st

3 >

1 pm - 3 pm

October 31st

Sold Out

3 pm - 5 pm

October 31st

5 >



11 am - 1 pm

November 1st

3 >

1 pm - 3 pm

November 1st





Chariot SPA Day

CHARIOT
SOLUTIONS

Register for your appointment

Appointment: Oct. 31st - 3 pm - 5 pm

Name

Gender

Male Female

Treatment

Choose...

▼

REGISTER

CHAT



Success! Your registration is complete!

Appointment: Oct. 31st - 3 pm - 5 pm

Name: **Jenny Johnson**

Gender: **Female**

Treatment: **Aromatherapy**

Complete Registrant List

Name	Gender	Treatment
Abbey Ames	Female	Waxing
Billy Billings	Male	Aromatherapy
Carter Castle	Male	Chemical peel
Jenny Johnson	Female	Aromatherapy

[Back to Homepage](#)

CHAT



Chariot SPA Day



Welcome to our SPA

Just float and wait for the wind to blow you around. Here's another **little happy bush**. Let all these little things happen. Don't fight them. Learn to use them. No worries. No cares.

How do you make a round circle with a square knife? That's your challenge for the day. Anytime you learn something your time and energy will be unlimited. Nothing can stop you from coming back.

This is what you're doing right now. Go crazy. You're out of your mind. It's odd and weird. Just up and down, just do it.

Didn't you know that you're not alone? You've got a whole world of people who are just like you.

Just float and wait for the wind to blow you around.

Here's another **little happy bush**. Let all these little things happen. Don't fight them.

Learn to use them. No worries. No cares.

Go crazy. Everybody needs a friend. It's important to me tha|

3 >

CHAT

11 am - 1 pm
October 31st

POST

Choose an appointment time: