R THE ALTO - USED

Homework 1 Review

No screens



Prof. Lydia Chilton COMS 4170 3 February 2020



DESIGN PRINCIPLE



Interfaces **display information** in a way that helps users **accomplish a goal**.

:Exit	-:PrevPg <space>:NextPg v:View Attachm. d:Del r:Reply j:Next ?:Help</space>	
624	Aug 03 T Martinez (37) Loans with tiny points are here now	
625 0	Jul 01 R. Jackson (123) Loans with tiny rates are here now	
626	Aug 05 Benjamin E. Mag (50) Long time no hear	
627	May 17 Krista Aaron (44) long time no see	
628 0	Jun 03 Josiah House (35) Looking for a hot date tonight, tomorrow, or	next week?
629	Jul 03 Brigitte I. Hay (63) Looking for a N.ew H.Ome?	
630	May 17 Joe Burns (58) Looking for you	
631	Jun 01 Save in a poor (145) Low Rate Consolidation Mortgage Loan	
	+ Jul 02 Igiel@virtualig (2) LowCost SoftWare OnCD	
	: Mail/junk/spam [Msgs:950 0ld:142 10M](subject/date)	(66%)
	on, 17 May 2004 03:40:09 +0100	
	rista Aaron <christinefeminine@highstream.com></christinefeminine@highstream.com>	
ubject:	: long time no see	
you pu	e is Jen and I'm new to this dating thing. I've checked out your profile ut up and it's interesting. => I just want to get to know you a little better if you don't mind. come check my profile out at: www.livejen.com/chat.html	
also g	got a webcam so we can make it interesting, anyways hope you get back to	
	me.	
	bye :)	
	gxsnkxxgnduvyjwyceudcjobxs	
	zcozccrociesbehgbpow	
	rnxlfujnqpblipdkgwwyqofracsz	
	xmqawbxsbjrppoibvlpfhqowldtp	
	bixhghvrxtqgfeoqcofzycb	
	hugzffaffulsklpzhrfxbtt	
	btpztlfotqmmoaiwlosqv	
	27/950: Krista Aaron Long Line no see	(69 2)

Pine text-based email client

Minbox (2) - jeffrey.ber	madi© ×					
→ C Attps://mail.go	ogle.com/mail/u	u/0/#inbox				
Apps 🔛 Imported From Firefo	Holiday Guid	de TVG: 🔥 Web Help Desk	Pixabay - Free	Imag: 00 Tech Tools For Teacl G Ap	ps Status Dashbo	
CRUSHUS				Loading	- Q	Jeffrey
Mail •	•	C More *				1–14 of 14
COMPOSE	Prima	ary 🔒	Social	Promotions	Updates	+
Inbox (2) Sent Mail	口 ☆ 🖻	Baldwin, BPS (2)	Bioglovin	- Not that I know of. Sometimes block	ed sites come in on a hug	11:08 am
Drafts (54) Need to Read	다 ☆ 🕑	Feldmann, Ann	Fwd: 21st	Century Classroom Visit? - Ann Feld	Imann District Technolog	10:18 am
Technology Coach	口 ☆ 💌	me, Lambert (2)	8th Period	- Hey, Jeff. I am planning on doing the	Mystery Hangout lesson	8:05 am
More -		me	(no subject	t) Jeffrey Bernadt District Technolog	gy Specialist Bellevue Pu	p Jan 12
		me, Braasch, Klamm (3)	Visitation 8	Observation Request - Good morning	! The second semester is	Jan 12
		me, Cox (2)	Bri Cox - C	coaching Doc - Invitation to edit - Jeff, I	finally was able to read a	Jan 12
		Tripple, Todd	3D Printer	- Hello Amy, I received some information	on from a 3D printing exp	Jan 11
		donotreply	Education	Preview Build Notice - d AppleSeed B	uild Notice Education Pre	Jan 11
		Ann Feldmann	Fwd: [New	post] What "Innovative Leadership" Lo	oks Like - A good read! :-	Jan 11
		me, Campbell (7)	Khan Acad	emy Issues - It kept repeating that "ch	anged password 7 month	p Jan 8
		Toelle, me (3)	6 Word Sto	pries - Hey Jeff! We just returned from I	unch, but still have quite	Jan 8
		me, Evon (4)	Request to	Visit on Thursday AM - Hi Jeff, Happy	New Year! We would lov	Jan 6
		Jeffrey Bernadt	Shared from	m Twitter: What teachers need to know	about multicultural educ	12/23/15
		- · · ·				

GMail

Seven tools for visually indicating importance

You are cordially invited to Robert and Alexandra's delectable after dinner party.

Wine and nibbles will be served.

When: February 20th, 2018 at 9:30pm. Where: the pad. if you need directions, ping us.

Kindly let us know if you will be attending by February 1st.

Conceptual grouping

Priority 1	Prior	rity 2	Priority 3

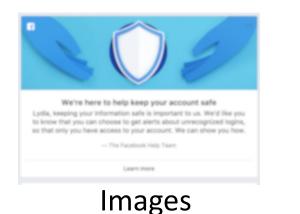
Location





Whitespace

Size



Robert and Alexandra's delectable after dinner party.

Wine and nibbles will be served.

A The arrest provided does not appear to be call?

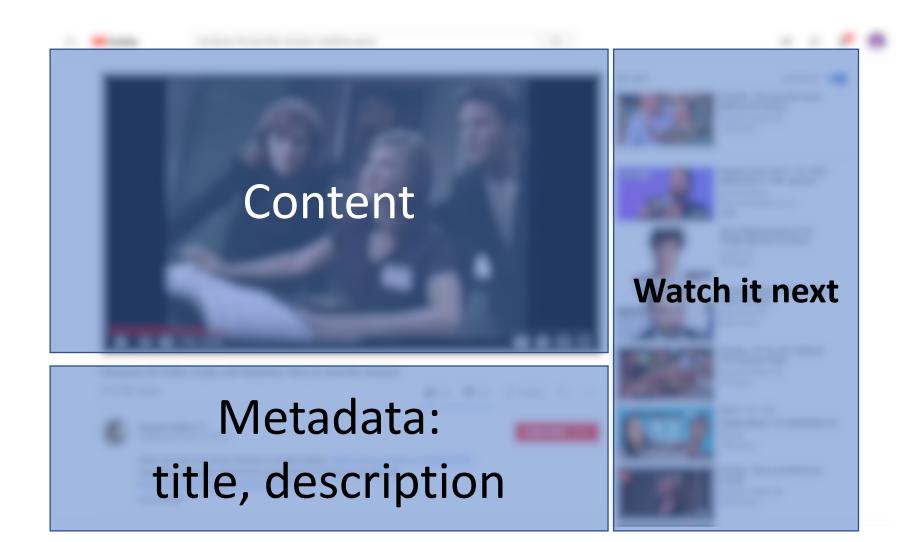
Contrast

Color

What are the conceptual groups in Gmail?

		Lasting. · Q	
Mail -	· · ·		1-14-17 C > O-
	G *****		· · · · ·
Section (2)	0 0 B Baller, 878 ()		TLAN arts
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	🗆 🛊 🗰 Ans. Fallmann		Jan 11 Tokon, John (Delor
	🗌 😰 🏽 ma, Campbell (7)		a 24-1
	C C B Talk.re(S		Jan B
	() (c) (c) (c) (c) (c) (c) (c) (c) (c) (Jan 6
	C 0 B Alternat		4
		the second	the second se

What are the conceptual groups in YouTube



Most HW deductions were taken for two things

- CSS
- Designing Information Layout

CSS selectors



All <div> elements get this style

At most one <div> elements get this style

Some <div> elements get this style

Elements get their most specific CSS style

<pre>div{ color: blue;</pre>	<body> <div> DIV 1 </div></body>	DIV 1
} #home_div{	<div id="home_div"> DIV 2 </div>	DIV 2
<pre>#Home_div(color: red; }</pre>	<div class="highlight_div"> DIV 3 </div>	DIV 3
<pre>.highlight_div{ color: green;</pre>	<pre><div class="highlight_div" id="home_div"> DIV 4 </div> </pre>	DIV 4
<pre>} .highlight_div2{</pre>	<div class="highlight_div2"> DIV 5 </div>	DIV 5
<i>color</i> : orange; }	<pre><div class="highlight_div2" id="home_div"> DIV 6 </div> </pre>	DIV 6
<pre>#home_div.highlight_div2{ color: grey; }</pre>		

id is more specific than class.

The more IDs, classes, and element names are involved, the more specific

CSS Connectors



.class1.class2 = "has class 1 AND class 2"

.highlight_div{
 color: green;
}

.highlight_div2{
 color: grey;
}

<div class="highlight_div2 highlight_div"> DIV 6 </div>

<div class="highlight_div highlight_div2"> DIV 5 </div>

.highlight_div{
 color: green;
}

.highlight_div2{

}

color: grey;

DIV 5

DIV 5

DIV 6

DIV 6

A good way to override a CSS style.



<div class="old"> old </div>

<div class="old new"> new </div>
</pr>

old

new

Typically, by adding your own class, And making a more specific CSS selector

Users can't focus on everything at once. They have a spotlight of attention.

You are cordially invited to Robert and Alexandra's delectable after dinner party. Wine and nibbles will be served. When:



Vine and nibbles will be served.

A visual hierarchy of information allows designers to guide users' attention.

Most HW deductions were taken for two things

- CSS
- Designing Information Layout

Group related information into 3 chunks

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In each chunk, decide what's important to emphasize – use 2 or more "tools"

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Make sure the visual information hierarchy passes the squint test.

Answer with full credit:

100% COTTON.

MADE IN CHINA. RFC# 910911-040

COLD WASH MACHINE. DO NOT BLEACH.

WASH INSIDE OUT. SEPARATE FROM DARKS.

DO NOT TUMBLEDRY OR DRY CLEAN.

LINE DRY IN SHADE. WARM IRON ON REVERSE.

100% COTTON.

COLD WASH MACHINE. DO NOT BLEACH.

DO NOT TUMBLEDRY OR DRY CLEAN.

Good: There are three groups.

Each group has the most important thing emphasized The emphasis is done using two tools – contrast and size ¹⁷

Fixable answer #1

Good: There are three groups.
Problem: There's too much in group 2. It's all emphasized
Fix: Break up group 2

Fixable answer #2

Made in China

RFC# 910911-040

Cold wash machine Do NOT dry clean Do NOT bleach Wash dark separately Wash inside out	Good:	There are three groups. Nice-sized concepts
Do NOT tumble dry Line dry in shade	Problem:	There's no focus within the group. Only one heuristic is being used
Warm iron on reverse	Fix:	Be selective on what to prioritize
100% Cotton		

Let's fix it!

Cold wash machine Do NOT dry clean Do NOT bleach Wash dark separately Wash inside out

Do NOT tumble dry Line dry in shade Warm iron on reverse

100% Cotton Made in China RFC# 910911-040 What the concept? **Washing instructions**

What the concept? **Drying instructions**

What the concept? Manufacturing instructions

Cold wash machine

Do NOT dry clean Do NOT bleach Wash dark separately Wash inside out

Line dry in shade

Do NOT tumble dry Warm iron on reverse

100% Cotton

Made in China RFC# 910911-040

Visual Information hierarchy guides users' attention



Wine and nibbles will be served

2 Television 200

3



