Homework 1 Review

No screens

Prof. Lydia Chilton
COMS 4170
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Say your name

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

Pine text-based email client
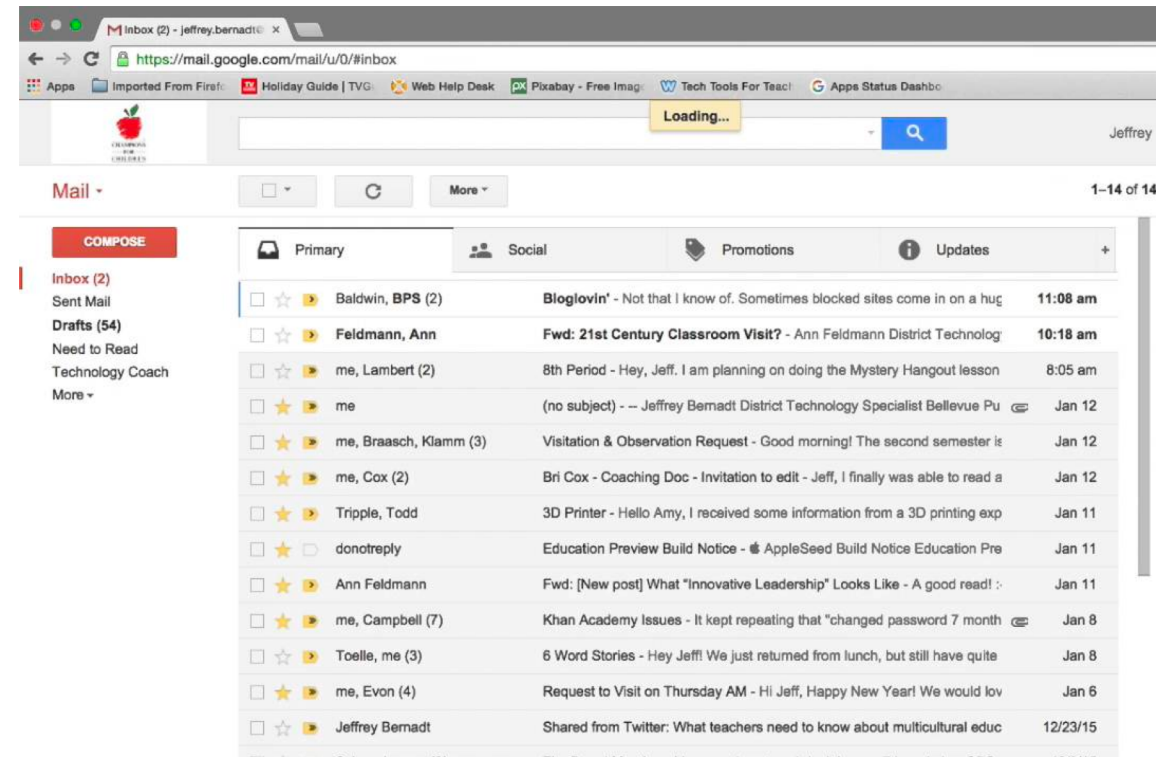
GMail

Seven tools for visually indicating importance

Conceptual grouping

Location

Whitespace
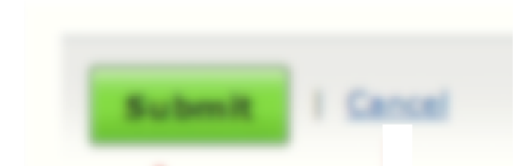
Size
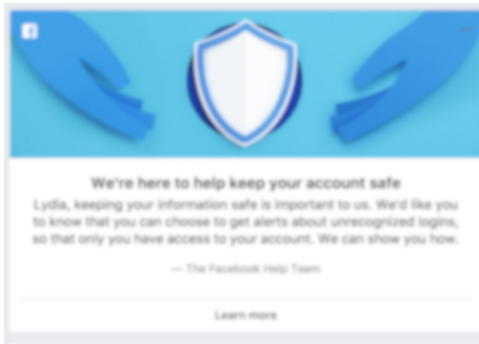
Images

Contrast

Color

What are the conceptual groups in Gmail?

Menu

Emails

Contact/chat
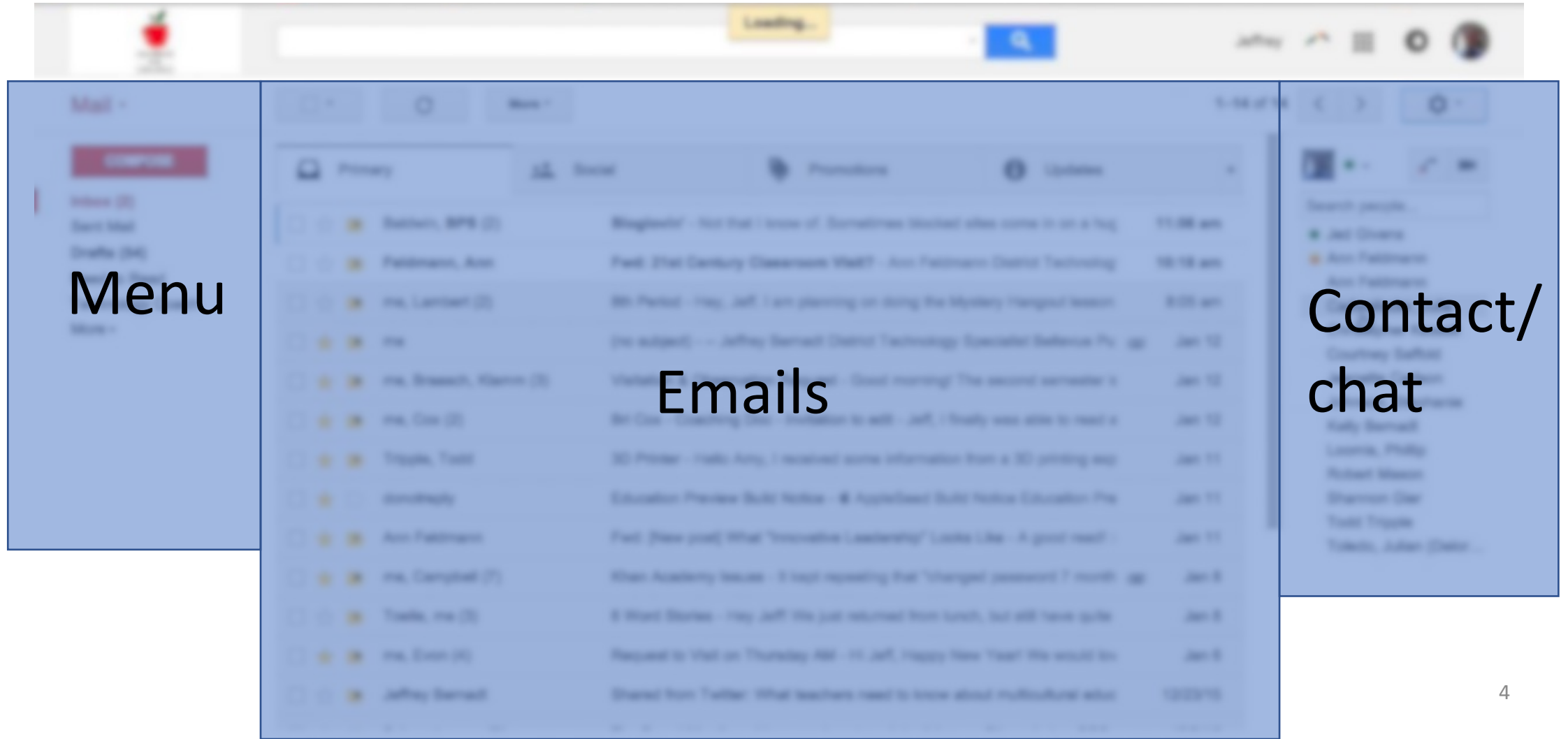
What are the conceptual groups in YouTube

Content

Watch it next

Metadata:
title, description
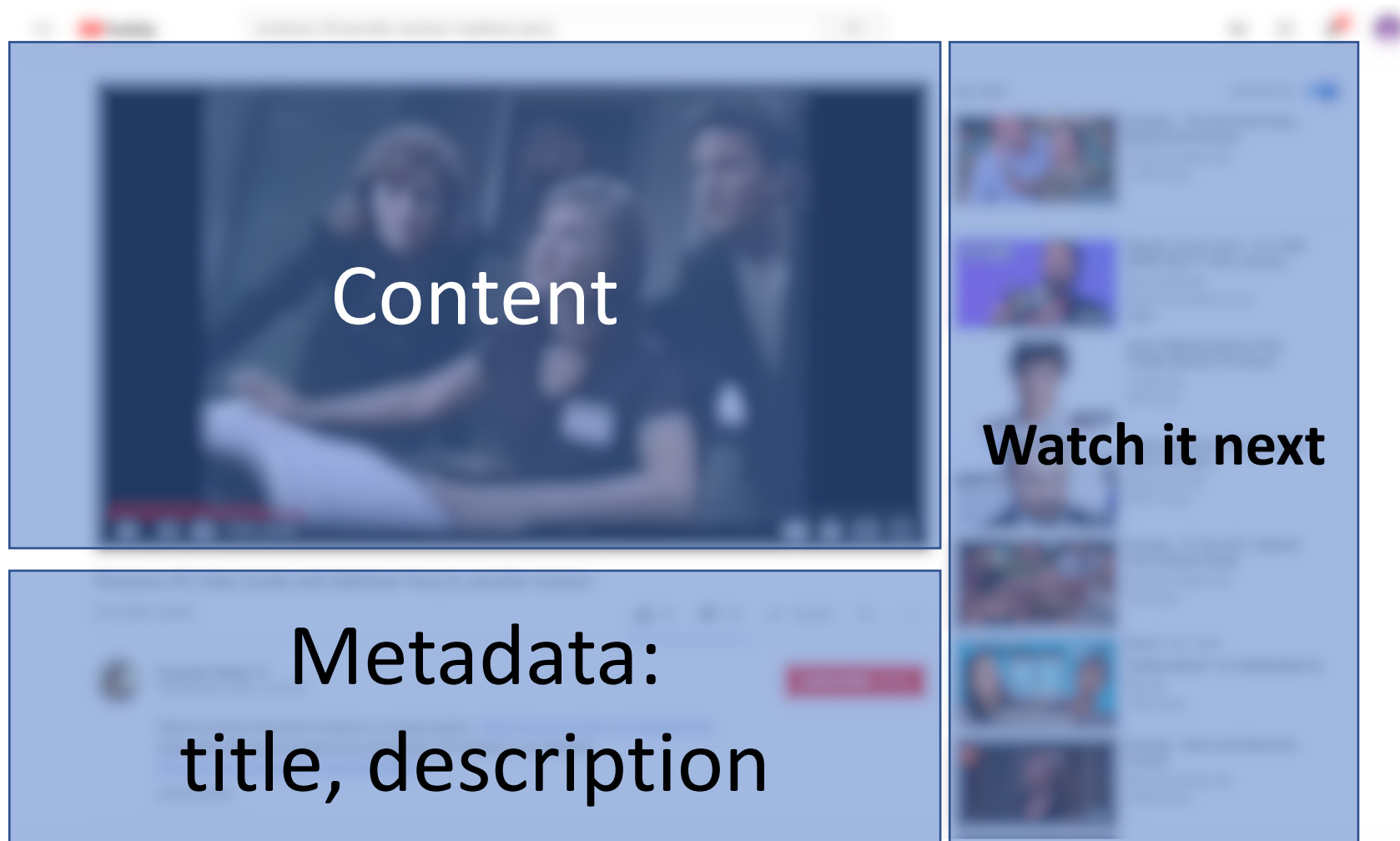
Most HW deductions were taken for two things

- **CSS**
- Designing Information Layout

CSS selectors

```
1    <html>
2        <head>
3            <style>
4
5
6            div{
7                color: blue;
8            }
9
10
11
12
13            #home_div{
14                color: red;
15            }
16
17
18
19
20            .highlight_div{
21                color: yellow;
22            }
23
```

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

```css
div{
    color: blue;
}

#home_div{
    color: red;
}

.highlight_div{
    color: green;
}

.highlight_div2{
    color: orange;
}

#home_div.highlight_div2{
    color: grey;
}
```

```html
<body>
    <div> DIV 1 </div><br>

    <div id="home_div"> DIV 2 </div><br>

    <div class="highlight_div"> DIV 3 </div><br>

    <div id="home_div" class="highlight_div"> DIV 4 </div><br>

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

    <div id="home_div" class="highlight_div2"> DIV 6 </div><br>
</body>
```

DIV 1
DIV 2
DIV 3
DIV 4
DIV 5
DIV 6

id is more specific than **class**.

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

CSS Connectors

```css
.highlight_div.highlight_div2{
    color: red;
}

.highlight_div .highlight_div2{
    color: blue;
}
```

```html
<div class="highlight_div highlight_div2"> DIV 7 </div><br>
```

DIV 7

```html
<div class="highlight_div">
    <div class='highlight_div2'>
        DIV 8
    </div>
</div>
```

DIV 8

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

```css
.highlight_div{
    color: green;
}

.highlight_div2{
    color: grey;
}
```

```html
<div class="highlight_div highlight_div2"> DIV 5 </div><br>
<div class="highlight_div2 highlight_div"> DIV 6 </div><br>
```

DIV 5

DIV 6

```css
.highlight_div2{
    color: grey;
}

.highlight_div{
    color: green;
}
```

DIV 5

DIV 6

A good way to override a CSS style.

```css
.old{
    color: green;
}

.old.new{
    color: red;
}
```

```html
<div class="old"> old </div><br>

<div class="old new"> new </div><br>
```

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.

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

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.

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

When: February 20th, 2019 at 9:30pm.
Where: the pad. If you need directions, ping us.

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

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.
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.

Good: There are three groups.
Each group has the most important thing emphasized
The emphasis is done using two tools – contrast and size

Fixable answer #1

100% COTTON

Cold wash machine. Wash dark separately. Wash inside out. Do not bleach.
Do not dry clean. Do not tumble dry. Line dry in shade.
Warm iron on reverse.

Made in China

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

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
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Good: There are three groups.
Nice-sized concepts

Problem: There's no focus within the group.
Only one heuristic is being used

Fix: Be selective on what to prioritize

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
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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
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Visual Information hierarchy guides users' attention

You are cordially invited to

**Robert and Alexandra's
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Where: **the pad.** If you need directions, ping us.

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

1

2

3

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

1

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

2

100% Cotton
Made in China
RFC# 910911-040

3