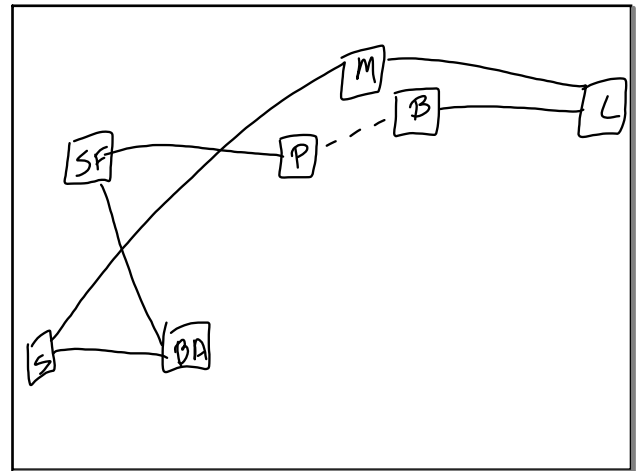


Alphabet Soup Notes

- HTML - HyperText Markup Language
- HTTP - HyperText Transfer Protocol
Computer to Computer
- FTP - File Transfer Protocol
Computer to Server

Sep 3-11:51 AM



Sep 3-11:58 AM

6 Common Extensions for Internet Addresses

- ① .com Commercial
- ② .org Not-for-profit organizations
School districts
- ③ .edu Colleges/Universities
- ④ .gov Government
- ⑤ .mil Military
- ⑥ .net Network of computers

Sep 9-8:35 AM

Connection Speeds (slowest → fastest)

- ① Dial-up (phone lines)
- ② ISDN - Integrated Services Digital Network
(phone lines - dedicated line)
- ③ DSL - Digital Subscriber Line
- ④ T1 - T-Carrier (fiber optics)
- ⑤ CATV - Cable (Road Runner)
- ⑥ T3 - T-Carrier (Gov't, large universities)

Sep 9-8:50 AM

Country Internet Extensions

- | | |
|------------------|-------------------|
| ① .au Australia | ⑥ .es Spain |
| ② .at Austria | ⑦ .nl Netherlands |
| ③ .cn China (PR) | ⑧ .nz New Zealand |
| ④ .ca Canada | ⑨ .jp Japan |
| ⑤ .de Germany | ⑩ .dk Denmark |

Sep 10-8:38 AM

HTML

- WML Wireless Markup Language
Language for Internet for mobile devices and phones
- XML Extensible Markup Language
Multiple hyperlinks from one location

Sep 10-8:56 AM

Service Providers
 ISP - Internet Service Providers
 Internet/Email (Road Runner/Frontier)
 OSP - Online Service Providers
 Member-only options (MSN/AOL)
 WSP - Wireless Service Providers
 (Sprint/Verizon/AT&T)

Sep 11-8:43 AM

W3C - World Wide Web Consortium
 → Standards writers for programming and internet use
 POP - Point of Presence
 → How you access the internet

Sep 8-10:14 AM

Identifying a web address
 ① IP Address 255.255.255.255
 Internet Protocol
 group of 4 numbers that identifies a component
 ② URL
 Uniform (or Universal) Resource Locator
 ex: www.yahoo.com

Sep 8-10:19 AM

CGI - Common Gateway Interface
 → how information is delivered from server to a database
 Created by PERL
 Practical Extracting Reporting Language
 → manipulate text into a database format

Sep 12-9:58 AM

RGB Color System
 Total Shades
 Red 0-255 256
 Green 0-255 256
 Blue 0-255 256
 16.8 million
 Browser-safe colors

Feb 2-12:14 PM

0 ————— 255
 0, 0, 0 255, 255, 255
 Black White
 #, #, #
 Red Green Blue

Feb 2-12:19 PM

Six Steps of the Design Plan

- ① Define the purpose
- ② Identify the audience
- ③ Plan the Content
- ④ Plan the Structure
- ⑤ Plan the Web Pages (blueprint)
- ⑥ Plan the Navigation

Sep 12-10:12 AM

3 Types of Structure

① Hierarchical

Back to go forward

```

graph TD
    H[H] --- S1[S]
    H --- S2[S]
    H --- S3[S]
    S1 --- S1_2[S]
    S2 --- S2_2[S]
    S3 --- S3_2[S]
    
```

Sep 13-10:04 AM

② Random

Any page to any page

```

graph TD
    H[H] --- S1[S]
    H --- S2[S]
    H --- S3[S]
    S1 --- S2
    S1 --- S3
    S2 --- S3
    
```

Sep 13-10:07 AM

③ Linear (Tutorial)

```

graph LR
    H[H] --- S1[S]
    S1 --- S2[S]
    S2 --- S3[S]
    S3 --> H
    
```

Photo Gallery
How-to Projects

Sep 13-10:09 AM

Step #3: Plan the Content

① Appearance

- Background color/picture
- Pictures Hyperlinks
- Tables Highlighted content
- Text

Feb 7-12:15 PM

② Types of Content

- News
- General stories
- Audio
- Video
- Forms (place to receive data)

Feb 7-12:17 PM

Advantages of Web Publishing

- ① Timeliness
- ② Interactivity
- ③ Reduced production costs
- ④ Economic, rapid distribution

Sep 13-10:18 AM

Basic Design Principles

Balance

symmetrically balanced
→ using columns and rows

asymmetrically balanced
→ text/graphic do not use space concepts

Sep 14-10:05 AM

White space
Helps with proximity
Doesn't have to be color "white"
Separates elements on the page

Contrast
→ Having light/dark colors on page to make the page appealing to the eye

Sep 14-10:10 AM

Focus
→ There will always be a focal point where visitors of the page will first look

Unity
→ All pages, in its blueprint, will typically look the same

Sep 14-10:15 AM

Alignment

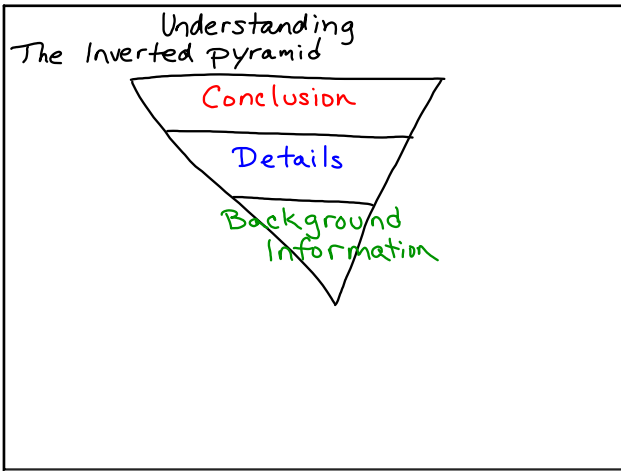
Vertical Columns of Information
Horizontal Rows of information

Sep 14-10:20 AM

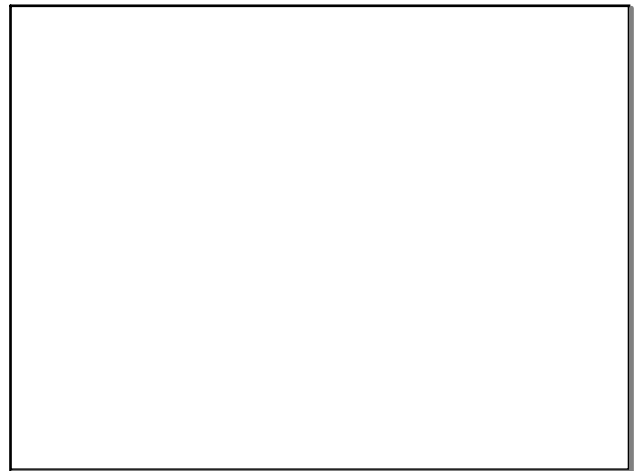
Writing for the Web

- ① Accurate
- ② Easily Read
No more than 2 screens of length \updownarrow
1 screen of width \leftrightarrow
- ③ Understandable
→ Inverted pyramid
- ④ Comprehensive and concise

Sep 14-10:22 AM



Sep 14-10:26 AM



Sep 15-10:58 AM