

CM1040 Web Development Week 4 Lecture Note

Notebook: Web Development

Created: 2020-10-13 4:07 PM

Updated: 2020-10-20 5:44 PM

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Cornell Notes	Topic: Designing Websites continued	Course: BSc Computer Science
		Class: Web Development CM1040[Lecture]
		Date: October 20, 2020
Essential Question:		
Why is design necessary when developing websites?		
Questions/Cues:		
<ul style="list-style-type: none">• What is the role of HTML?• What is the Scope of HTML & what structure can it provide with the skeleton?• What is CSS?• What is the scope of CSS?• What is Responsive Web Design?		
Notes		
<ul style="list-style-type: none">• HTML = HTML provides the skeleton for the web page into which the content can be placed. HTML supports the concept of hypertext, where links or relationships can be made between content between web pages.		
<h3>HTML Introduction</h3> <div><div>HTML is a markup language</div><div>Content is placed within the structure provided by HTML</div><div>HTML pages can be linked to other pages</div><div>This content can be styled with CSS</div><div>This content and the structure can be manipulated with JavaScript</div></div>		

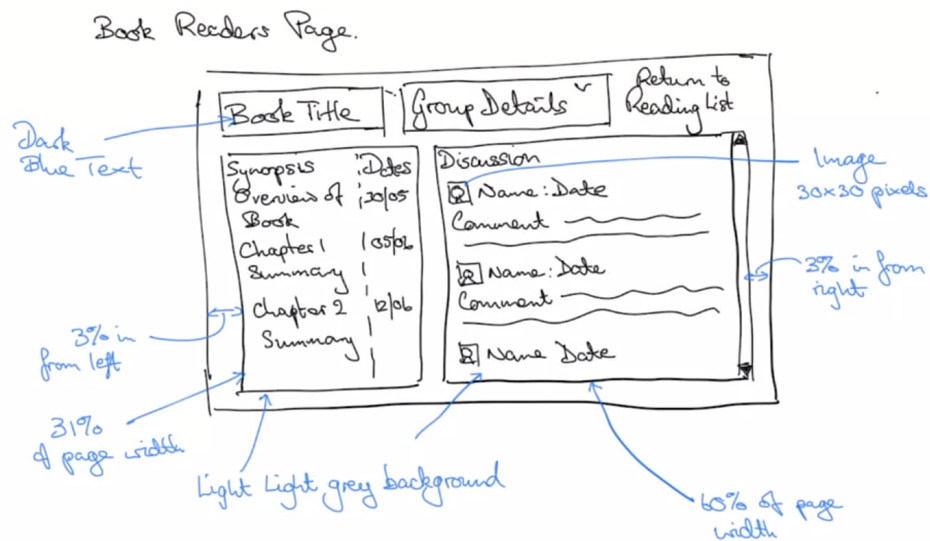
Scope of HTML



CSS Introduction

- ▲ CSS stands for Cascading Style Sheets
 - ▲ Appearance instructions
 - ▲ Usually in a style sheet
 - ▲ Different styles for different situations
 - ▲ Different styles for different users

Scope of CSS



The Solution: Responsive Web Design

- ▲ Design for predicted usage:
 - ▲ Conventional computer or TV display, landscape layout
 - ▲ Mobile phone or tablet, portrait layout
 - ▲ Printer display

The Solution: Responsive Web Design

Book Readers Page.

Book Title	Group Details	Return to Reading list
Synopsis Overview of Book	Discussion Name: Date Comment	
Chapter 1 Summary	Name: Date Comment	
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Book Readers Page

Book 1

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Summary

In this week, we learned about the role of HTML & CSS, the scope of HTML & CSS and what Responsive Web Design is.