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# Web UI

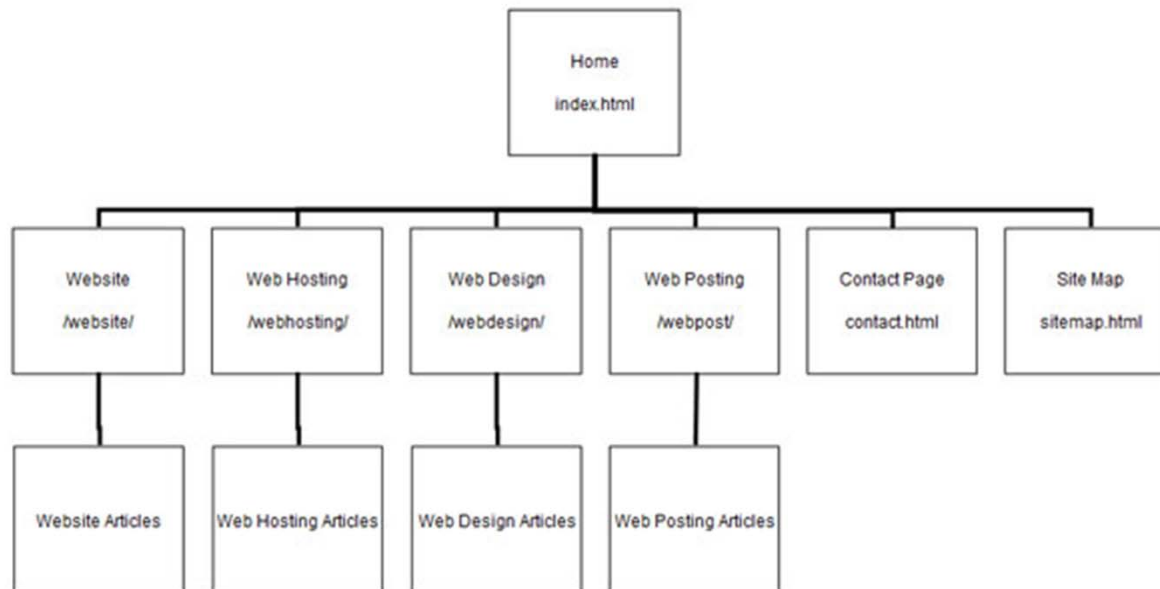
## Lesson 4 - Sitemaps and Wireframes

# Objectives

- Understand what sitemaps are
- Understand what wireframes are
- Understand how these things fit into the web design process
- Discuss how to use these techniques for Capstone projects

# Sitemaps

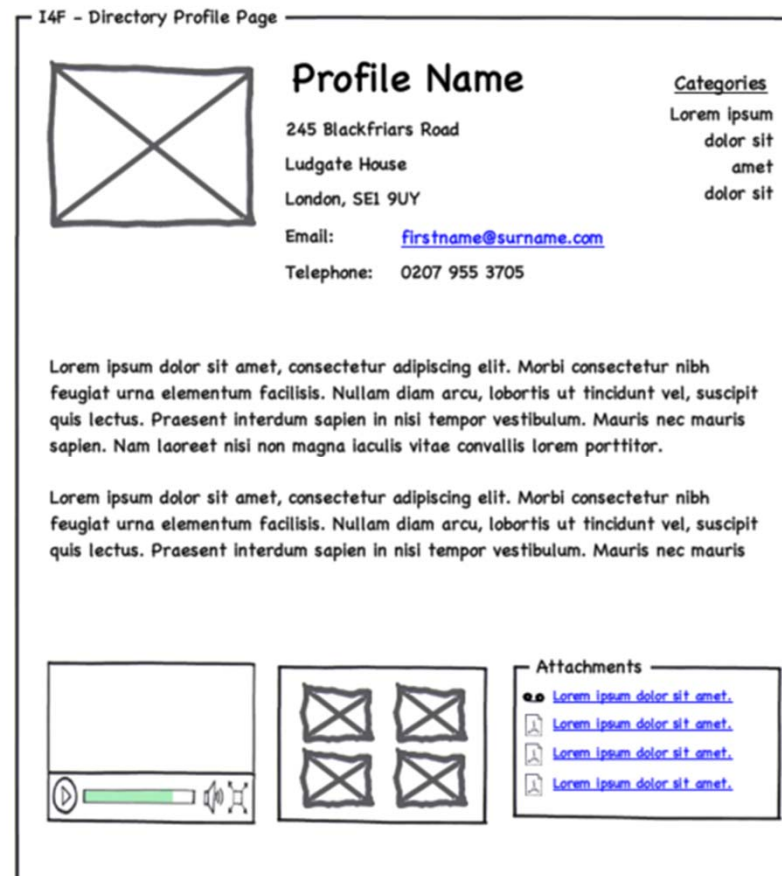
- Diagram used for website planning
- Contains all the pages on a site



# Wireframes

- A blueprint or schematic of the pages on your site
- Shows the arrangement of all components on the pages
  - Nav, forms, charts, buttons, images, etc.
- We'll start with low-fidelity sketches and then move on to hi-fidelity HTML mockups

# Wireframes



created with Balsamiq Mockups - [www.balsamiq.com](http://www.balsamiq.com)

# Wireframes (2)

- We'll use software called Pencil to create our wireframes
- Let's install Pencil

# Design Process

## Step 1: Site Map

- Start with Site Map
  - What are the main pages of the site?
    - Home page (1st level)
    - Major sub-pages (2nd level)
  - What are the 3rd level pages?
    - What are their relationships with the other pages in the site?



# Design Process

## Step 2: Wireframing

- Second step is wireframing
  - Start with common layout:
    - Header
    - Footer
    - Common navigation
    - Content area(s)
  - Next look at individual page components:
    - Specific content
    - Forms
    - Tables
    - etc.

# Design Process

## Step 3: Hi-fidelity Static Mockup

- Next step is moving to hi-fidelity static mockup:
  - HTML
  - CSS
  - Bootstrap
  - jQuery/JavaScript
- Final step is integrating static mockup with live site

# Capstone

- Follow the process:
  - Sitemap
  - Low-fidelity mockup (Pencil)
  - Hi-fidelity mockup
  - Combine with your MVC server-side code