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CMS201: Create a Custom Service Portal

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Agenda

Introduction

Designing a CMS Site

Creating the first Page

Styling the CMS

Building out the CMS

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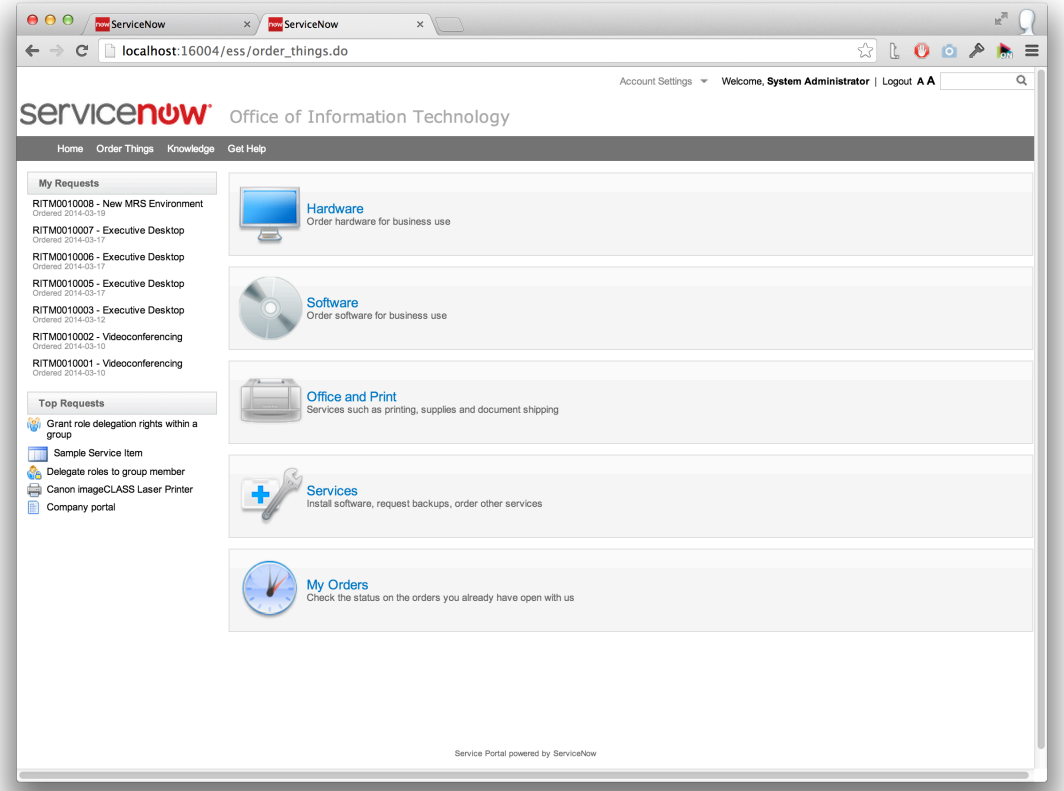
Objectives

1. To understand how to approach a CMS implementation
2. To learn some fundamental skills to help you become a CMS rock star
3. To build a bespoke CMS Portal on top of the HR Service Automation Application

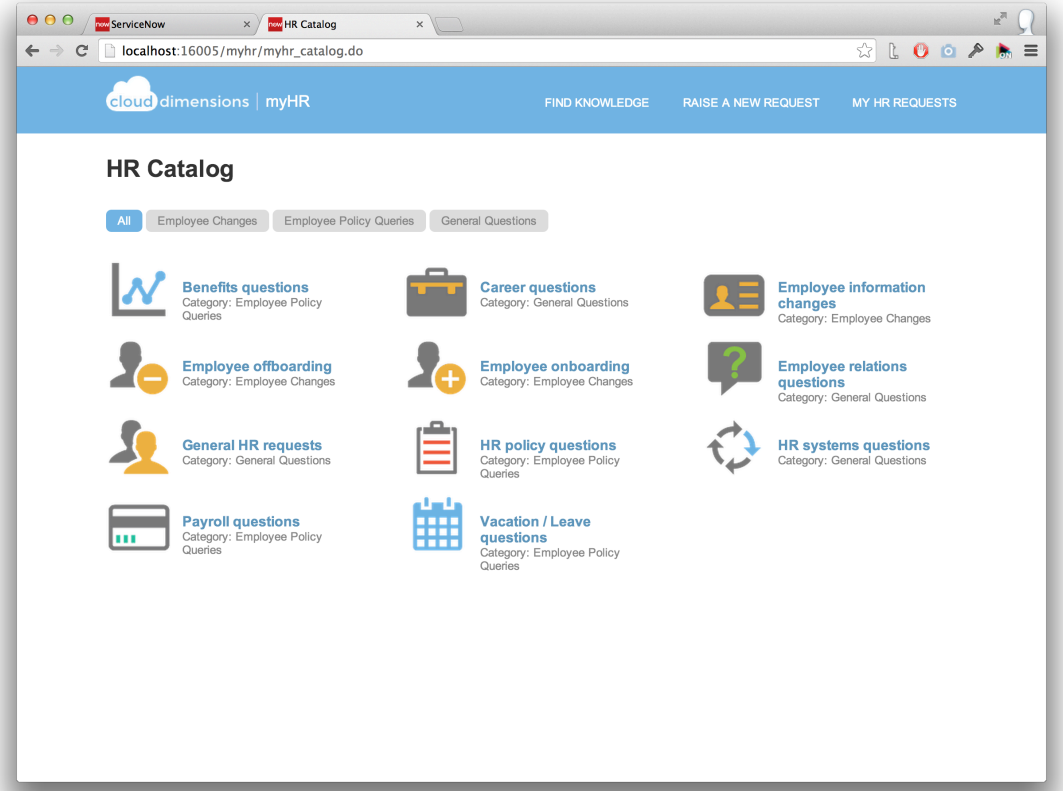
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A Tale of Two Portals

ESS Configuration



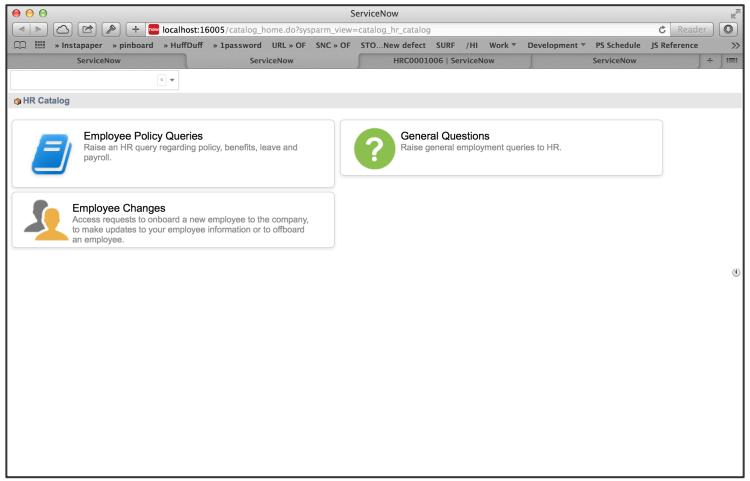
Bespoke Portal



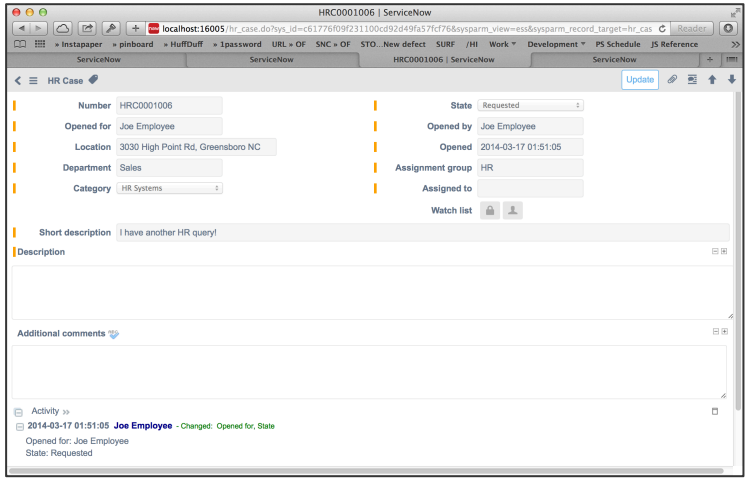
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Introducing HR Service Automation

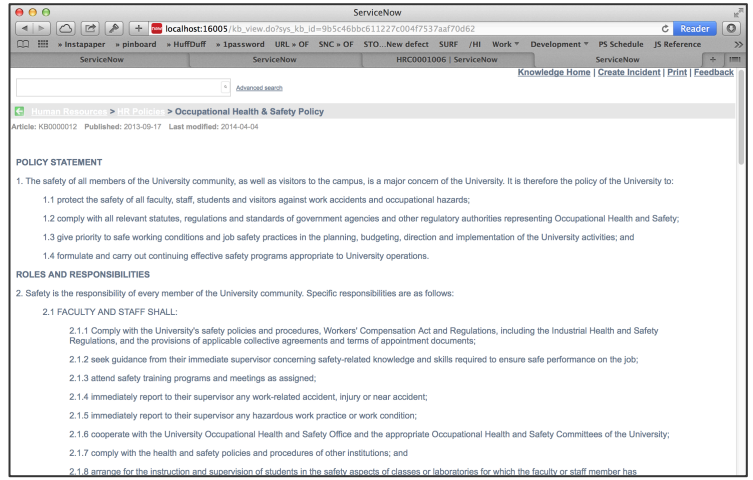
HR Catalog



HR Cases



HR Knowledge



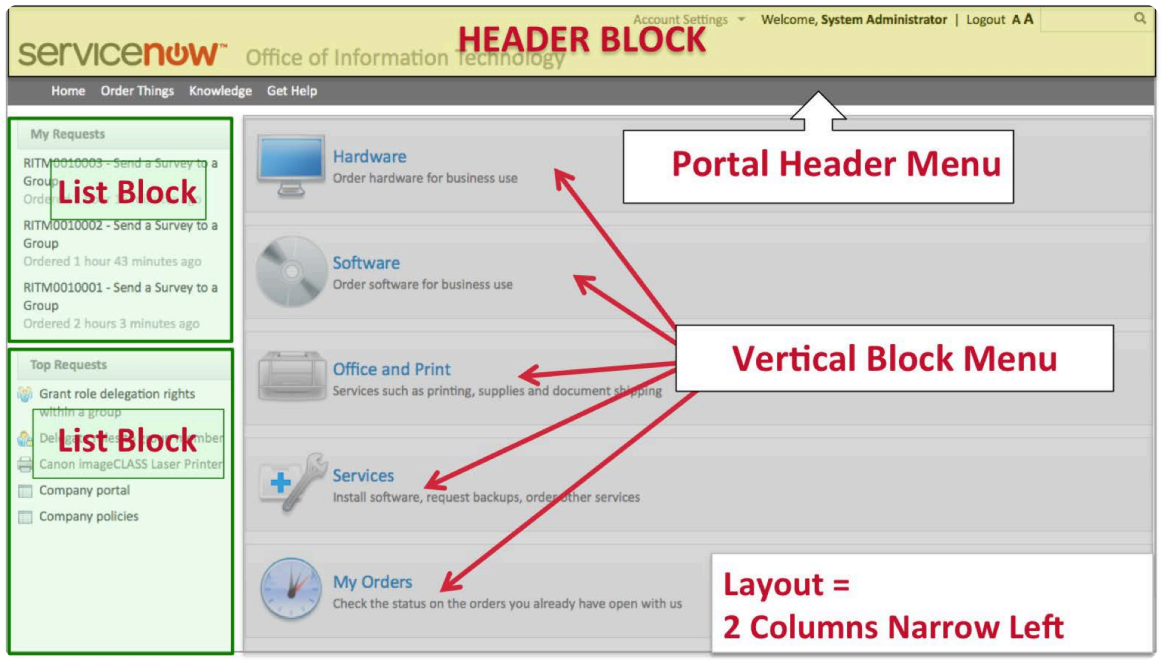
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CMS Core Components – Revisited

- A **Content Block** is a defined, and reusable element that can be added to **Page**
  - There are many types of Content Blocks
  - Each Content Block Type has it's own configuration options

- A **Page** is constructed by arranging customized Content Blocks.

- The Page's **Layout** defines the areas where Blocks can be added to the Page
  - These areas are known as **Dropzones**



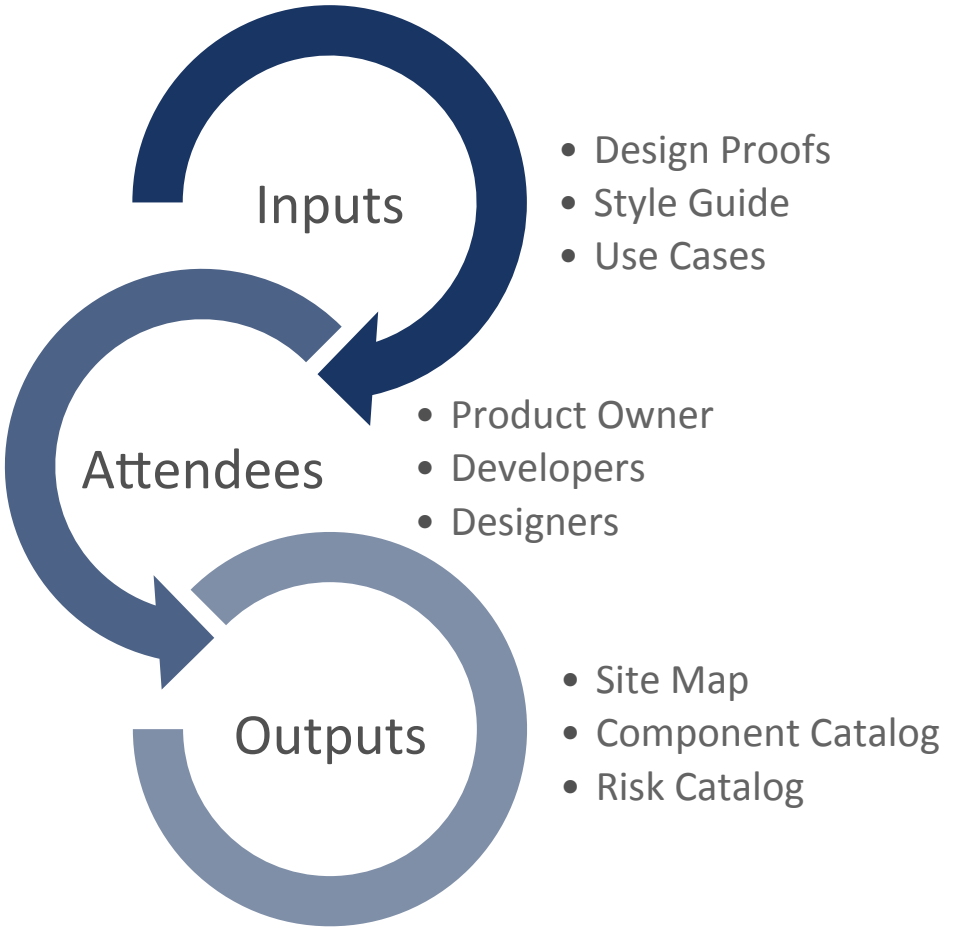
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Designing a CMS SIte

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CMS Design Workshop

- **Purpose:** To finalize the design and catalog expected work
- **Prerequisites:** Design proofs & Site map
- **Supporting artifacts:** Style guide
- **Outcomes:**
  1. Risks and Issues captured
  2. CMS elements catalogued
  3. Decision on whether further design workshops are required



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Reviewing a Design Proof

For each page:

1. Break down into **Blocks**
2. Determine **Layout**
3. Identify and discuss **Risks**

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Implementation Best Practices

Design & Prototyping

- Development is expensive, paper is cheap
- Plan your site architecture before you start building
  - Site Map
  - Page Wireframes
  - Note the Tables and Columns required
- Avoid designing by committee

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Exercise

Complete the following Lab

Lab: Design Analysis

- Review the proposal
- Analyze the design proofs
- Break into proposed Content Blocks

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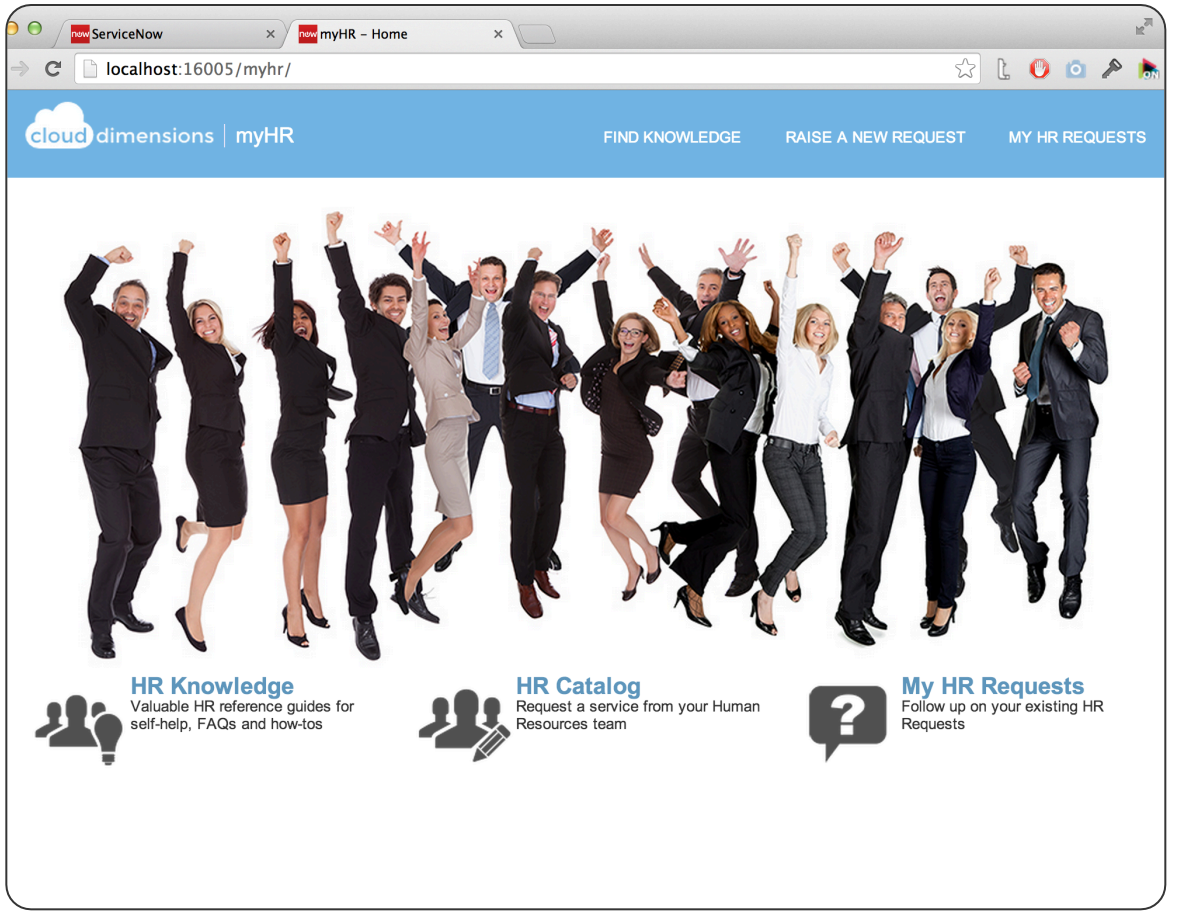
CMS Implementation

Building the first page

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Building the first page

- We will start the build the Homepage
- To build the Page, we will need to:
  1. Create the Site
  2. Create the Content Blocks
  3. Create the Page
  4. Add the Content Blocks to our page



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Exercise

Complete the following Lab

Lab: Create the Homepage

1. Create the myHR Site
2. Create the Content Blocks displayed on the myHR – Home page
3. Create the myHR – Home page
4. Add the Content Blocks to our page

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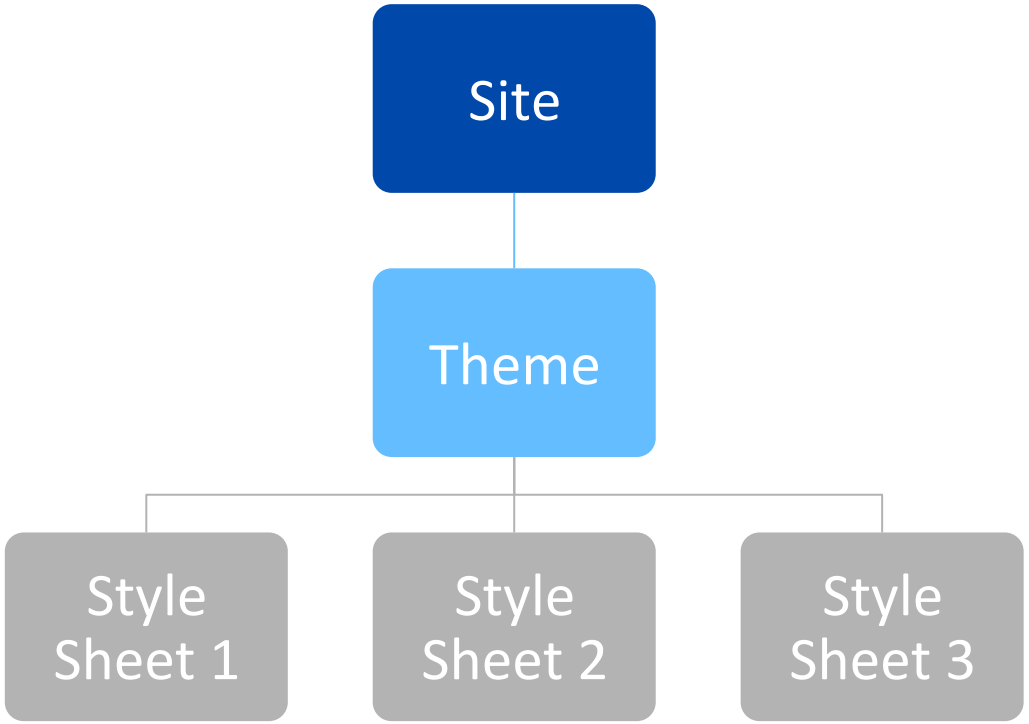
Styling the CMS

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CMS Core Components

Themes & Style sheets

- A **Theme** is a collection of **Style Sheets**
- A **Site** has a nominated Theme
- A **Page** can either:
  - **Inherit** the Theme of its parent **Site**
  - **Override** with another Theme

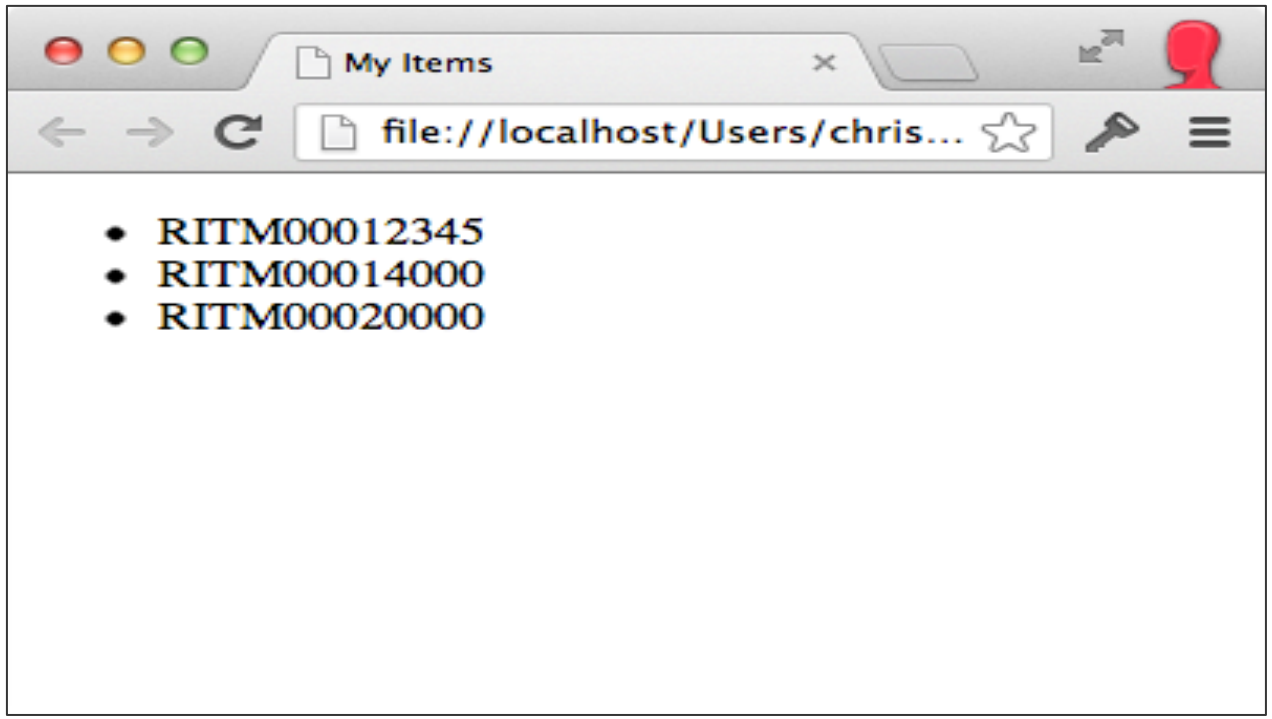


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HTML Fundmentals

HTML

```
<ul>
    <li>RITM00012345</li>
    <li>RITM00014000</li>
    <li>RITM00020000</li>
</ul>
```



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CSS Fundamentals - Declarations



Property

Value

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CSS Fundamentals – Declarations: Example



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CSS Fundamentals - Declaration Blocks

A group of declarations

Enclosed by braces

```
{
    background-color : red ;
    color: blue;
}
```

Semi-colon delimited

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CSS Fundamentals - Declaration Blocks: Example

A group of declarations

```
{
    background-color : red ;
    color: blue;
}
```

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CSS Fundamentals - Rules (or Rulesets)

Selector + Declaration Block

Selector

```
h1, h2 {
    background-color : red ;
    color: blue
}
```

Declaration Block

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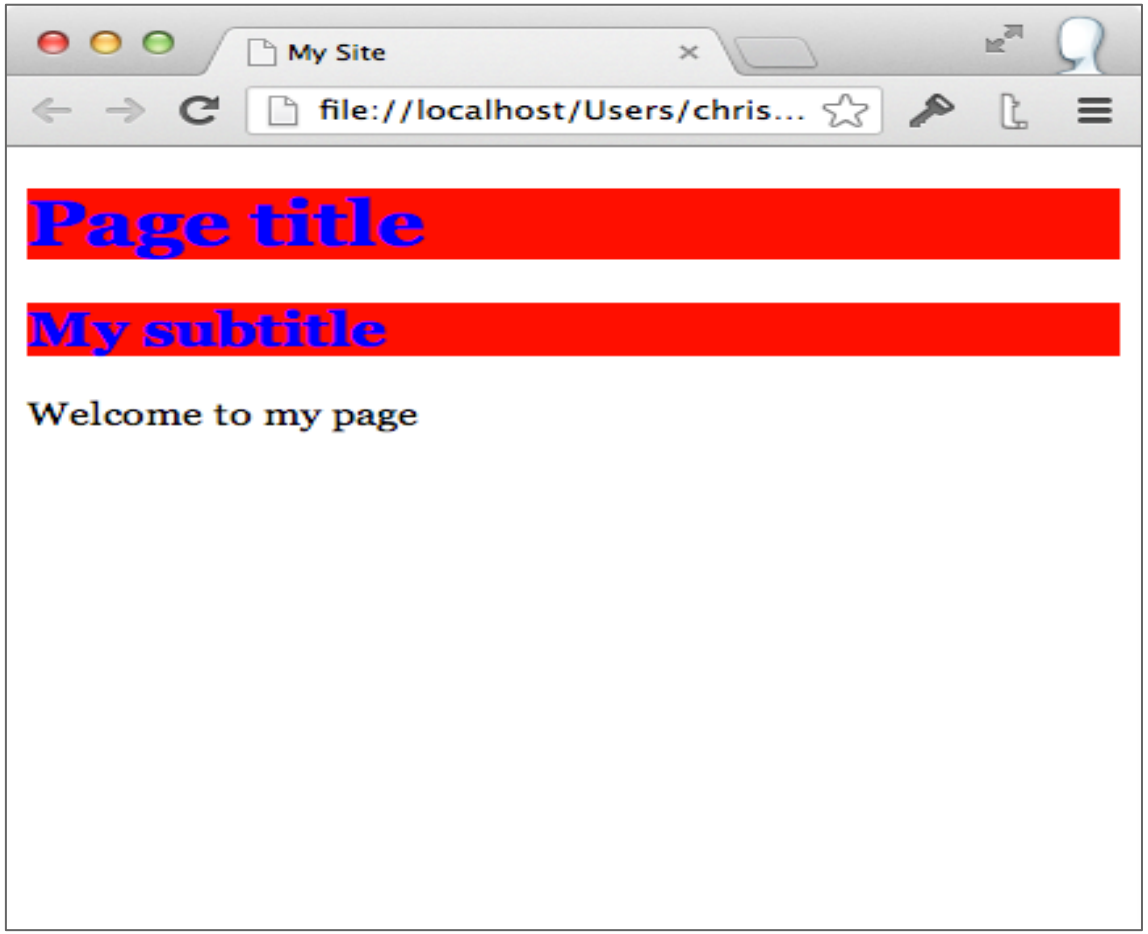
CSS Fundamentals - CSS Rules: Example

HTML

```
<body>
   <h1>Page title<h1>
   <h2>My subtitle</h2>
   <p>Welcome to my page</p>
</body>
```

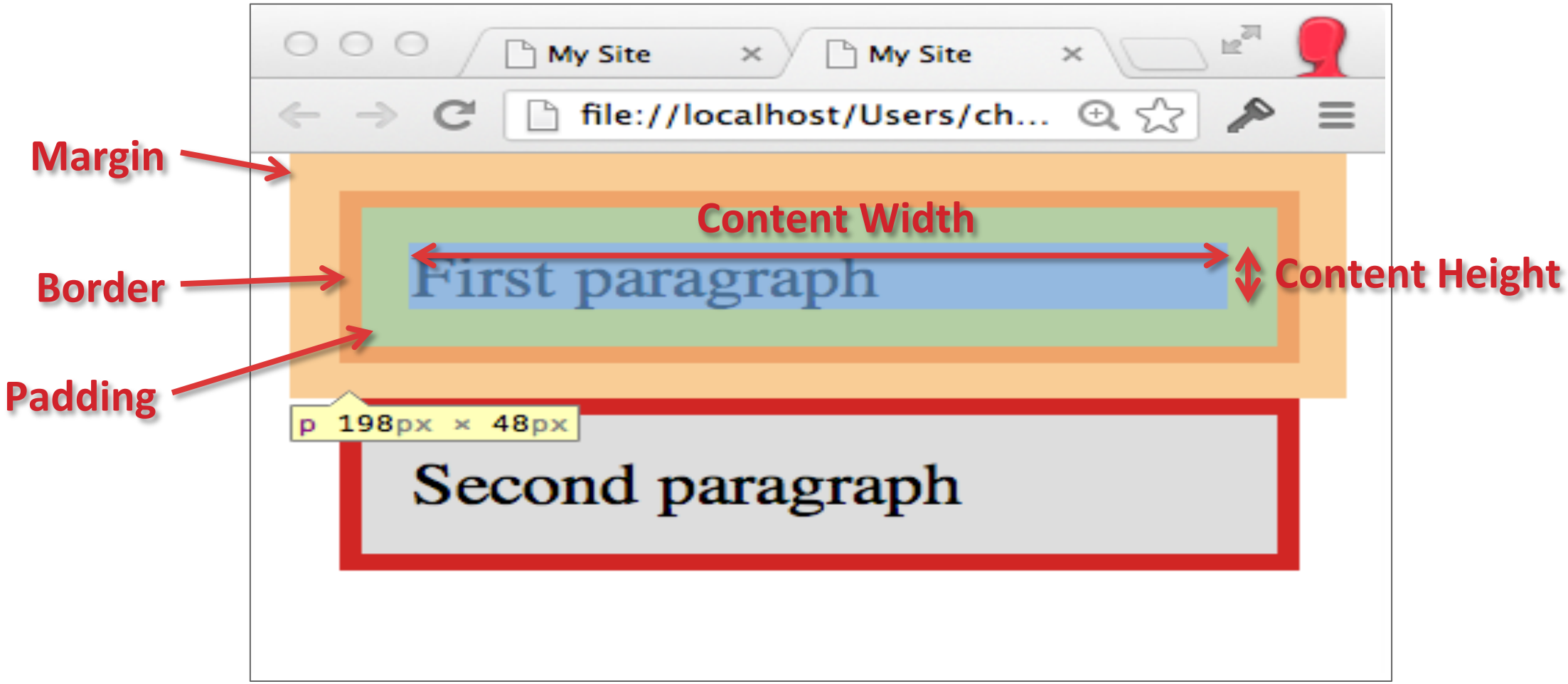
CSS

```
h1, h2 {
   background-color : red;
   color: blue
}
```



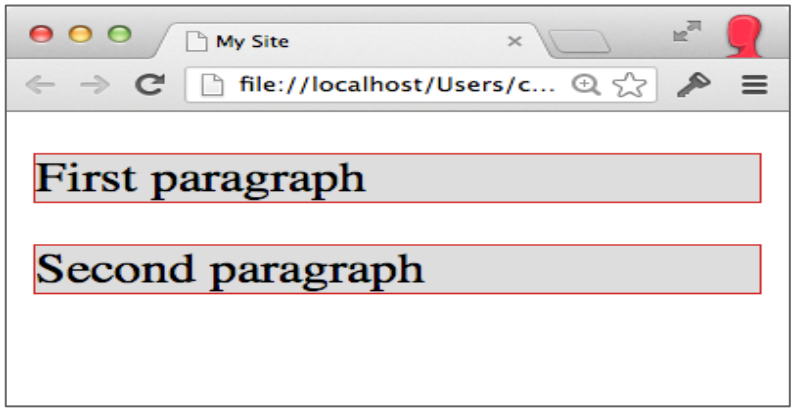
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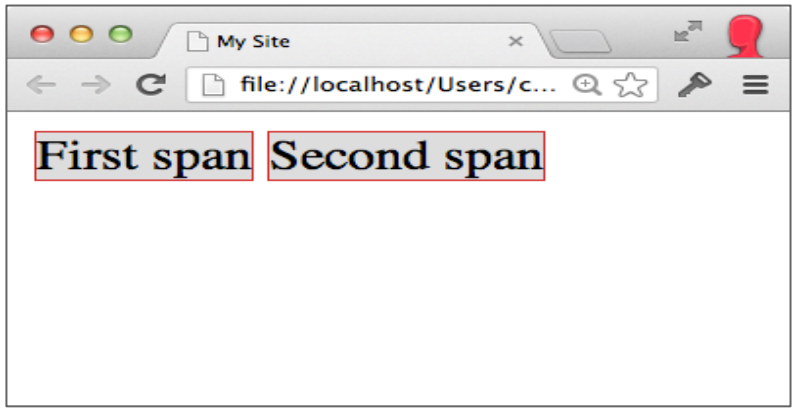
CSS Fundamentals: Box Model



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CSS Fundamentals: Display - Block vs Inline





Block	Inline
Placed below previous element	**Flows along with text content, "a box that acts like text"**
Width is 100% of parent container, height determined by content	Width and height determined by content
Can set width and height in CSS	Cannot set width and height in CSS*
Can set top, bottom, left and right margins	Can only set left and right margin
Ignores the vertical-align property	Is subject to the vertical-align property

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Exercise

Complete the following Lab

Lab: Styling myHR

- Create the Site Theme
- Create the Theme's Stylesheets
- Change the look and feel of the myHR Site

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Building out the CMS

Finalizing the myHR Site

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Finalizing the build

- We now have the following components in place:
  - Common Content Blocks: Header
  - Site Theme
  - Page Layouts
- This lays a solid foundation for our Site, allowing additional Pages to be rapidly built
- The remaining labs will build out these Pages

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Exercise

Complete the following Labs

Lab: Create HR Catalog Page

- Create a Page that displays the relevant Catalog Items

Lab: Create HR KB Page

- Create a Page that displays the relevant articles from the Knowledge Base

Lab: Create Requests Page

- Create a Page that displays the User's HR Cases

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Top Takeaways

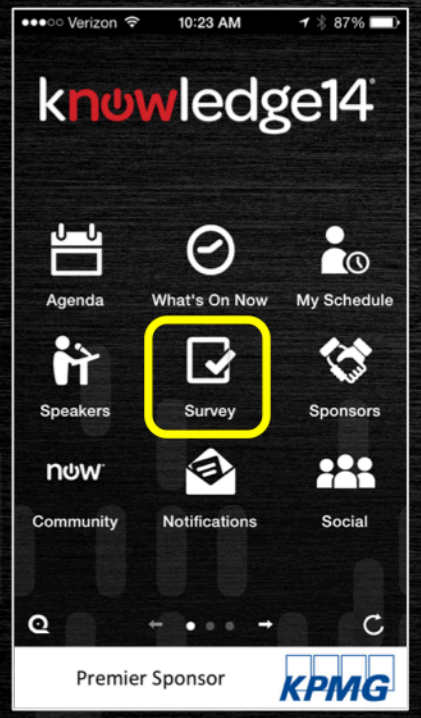
1 Design first

2 Apply consistent markup

3 Re-use pages from existing platform

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