# HTML Capstone Task: ****Responsive Personal Portfolio with Interactive Features****

## ****Objective:****

Create a fully responsive **Personal Portfolio Webpage** using only HTML that follows **best practices**, uses **semantic tags**, demonstrates **selectors**, **advanced HTML elements**, **Emmet structure planning**, and is **accessible, SEO-friendly, and well-structured**.

## ****Requirements Checklist****

### 1. ****Semantic Structure****

* Use: <header>, <nav>, <main>, <section>, <article>, <aside>, <footer>

### 2. ****Responsive Meta Tags****

* Include:
* <meta name="viewport" content="width=device-width, initial-scale=1.0">
* <meta charset="UTF-8">

### 3. ****Selectors****

* Use:
  + At least **one id** (e.g., id="hero")
  + At least **two class** attributes
  + At least **one data-\* attribute** (e.g., data-role="student")

### 4. ****Block vs Inline****

* Visually show:
  + Block elements: div, p, section, etc.
  + Inline elements: span, a, strong, em

### 5. ****Emmet-based Structure Planning****

* Students must write a comment block like:
* <!-- Emmet: header#hero>h1+nav>ul>li\*3>a -->
* And then implement that structure manually or via VS Code expansion.

### 6. ****Advanced Tags****

* Include **at least 4** of the following:
  + <figure> with <figcaption>
  + <details> and <summary>
  + <progress>
  + <time>
  + <abbr>

### 7. ****Forms & Accessibility****

* Include a **contact form** with:
  + <label for="">
  + At least 3 fields (name, email, message)
  + aria-\* attribute or required, placeholder, etc.
  + Submit & Reset buttons

### 8. ****SEO Tags****

* Inside <head>:
* <title>Your Name - Portfolio</title>
* <meta name="description" content="Portfolio of a Full Stack Web Developer. Projects, Skills, Contact.">
* <meta name="robots" content="index, follow">

### 9. ****Project Showcase****

* At least **2 project blocks** with:
  + Project title
  + Description
  + Tech stack
  + Links (GitHub/demo)

### 10. ****Responsive Layout****

* Use % or flex layout to ensure the page adapts to screen size.
* At least **one responsive image**:
* <img src="your-image.jpg" style="width:100%; height:auto;">

### 11. ****Accessibility Features****

* Use meaningful alt tags
* Semantic tags for navigation
* Use <abbr>, <time>, and <label>

### 12. ****Resume / Education Table****

* Use <table> to list:
  + Education
  + Skills or experience

### 13. ****Final Touches****

* Footer with copyright
* Social media or contact links
* Use Emmet wherever possible in planning
* Validate structure using W3C validator

## ****Optional Folder Structure****

portfolio/

├── index.html

├── images/

│ └── profile.jpg