Great choice! A **personal portfolio** is a strong project idea for COMP266—it allows you to showcase your technical and creative growth as a web developer while also demonstrating your understanding of user-centered design and dynamic web functionality.

To develop and archive each course unit for your portfolio site, here's a suggested breakdown:

**✅ Unit 1: Design Foundation**

* **Purpose**: Showcase your professional identity and skills.
* **Deliverables**:
  + **Site purpose** description (why the site exists).
  + **3–10 personas** (different potential site visitors, e.g., a potential employer, a peer developer, a client).
  + **6–20 scenarios** explaining how each persona would use your site.
  + **Requirements list** (e.g., mobile-friendliness, accessibility, legal disclaimers if showcasing work).
  + **Site mock-up** (hand-drawn or digital layout).
  + **Site map** (page hierarchy and navigation flow).
* **Reflection in Learning Diary**: Explain your design decisions, what went well, and what you'd do differently.

**✅ Unit 2: Basic HTML Website**

* Create a static version of your portfolio.
* Include:
  + Home page
  + About Me
  + Projects
  + Contact
* Focus on clean, semantic HTML with appropriate tags.
* Archive this version before starting Unit 3.

**✅ Unit 3: Style with CSS**

* Style your site using CSS.
* Add:
  + Responsive design (media queries)
  + Color scheme, fonts, and layout improvements
  + Navigation bar and hover effects
* Save this iteration with your CSS refinements.

**✅ Unit 4: JavaScript Basics**

* Add interactivity, e.g.:
  + Welcome message with Date() object
  + Form validation on contact page
  + Light/dark mode toggle
* Reflect on any challenges in implementing JS.

**✅ Unit 5: JavaScript Libraries**

* Use a library like **jQuery** to simplify DOM manipulation.
* Add a dynamic feature such as:
  + Carousel for projects
  + Accordion for skills/experience
* Ensure your use of the library is well integrated.

**✅ Unit 6: External Services**

* Add features using external APIs, such as:
  + Embed a Google Map on your contact page
  + Show GitHub repo list using GitHub API
  + Load Twitter feed or LinkedIn badge
* Reflect on working with APIs and any difficulties integrating them.

**✅ Unit 7: Final Refinements**

* Polish and optimize your site.
* Check:
  + Accessibility
  + Compatibility in multiple browsers
  + Graceful degradation when JavaScript is disabled
* Finalize your portfolio package:
  + Archived versions of each unit
  + Learning diary entries
  + Mapping of course outcomes to your work