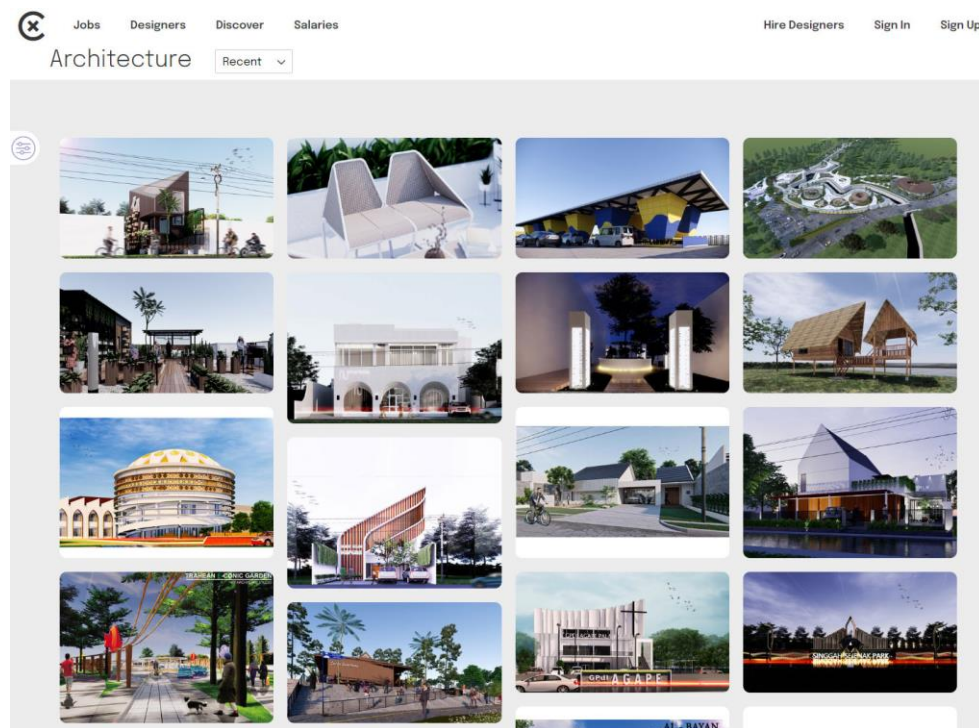**Project Description:**

My idea for this final project is a personal portfolio webpage that showcases my architectural design for the King and Dufferin Community Center from my ENVR-2005 studio course. The main page presents the assignment brief, project concept, and links to two separate galleries (one for my 1:100 physical model and another for the 1:200 model). An additional section includes a JavaScript-powered slideshow viewer that allows users to interactively browse my technical drawings.
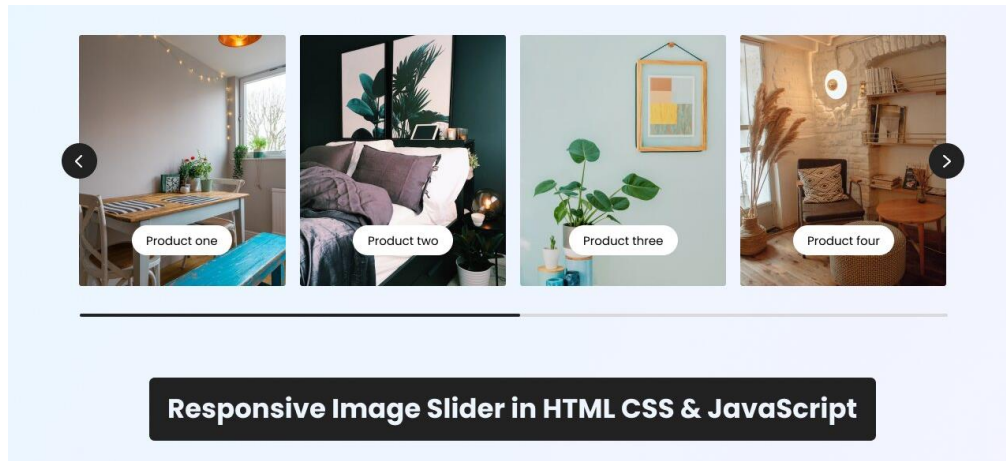
Challenges and Known Skills:

I am already comfortable with basic HTML and CSS for webpage structure and styling, and I can embed images and create simple responsive layouts. However, I am still learning how to use JavaScript for creating interactive elements, such as the technical drawing slideshow. I expect the most challenging part will be integrating JavaScript to control image transitions and enable a clean user experience. I'm also unsure how to make the slideshow somewhat mobile-friendly to ensure accessibility.

Inspirational Images:

1. A clean architectural portfolio layout

2. Interactive slideshow interface concept

Responsive Image Slider in HTML CSS & JavaScript

Helpful Resources (To Be Explored):

- **JavaScript Interactivity and DOM Control:**
  - MDN Web Docs: addEventListener() — To explore how to trigger slideshow interactions through buttons and key events.
  - MDN Web Docs: DOMContentLoaded Event — To ensure JavaScript executes only after the page content is fully loaded.
  - W3Schools: How To Create a JavaScript Slideshow — As a foundational guide for building the image slideshow functionality for my technical drawings section.
- **CSS Layout and Styling:**
  - W3Schools: CSS Flexbox & W3Schools: CSS Grid Layout — To explore how to structure the gallery pages and responsive layout of the site.
  - W3Schools: CSS Hover Effects — To add subtle interactivity for buttons and links.
  - W3Schools: CSS Transitions — For smooth effects when users navigate between sections or hover on interactive elements.
  - W3Schools: CSS Object Fit — To ensure model and drawing images are framed consistently across all screen sizes.
- **HTML Elements and Attributes:**
  - W3Schools: HTML <img> Tag — For displaying gallery images across model and drawing pages.
  - W3Schools: HTML <a> Target Attribute — To open galleries in new tabs or manage how links behave in navigation.