

# Project Considerations

## Weather Pane

### Requirements

Develop the Weather pane with SQL database integration, displaying information about the day of the week across five panels. Include illustrations representing 18 weather conditions and display high and low temperatures within the pane. Ensure an aesthetically pleasing design to align with the desired style.

## News Pane

### Requirements

Create the News pane incorporating SQL database integration, featuring updates on the main news from Durham College. Integrate an illustration representing the college suitably on one side of the pane. Implement a slider effect for the news text, allowing for 1 second for every 3 words, with an additional second at the end before transitioning. Ensure the design meets aesthetic standards and aligns with the desired style.

## Ticker Tape Pane

### Requirements

Develop the Ticker Tape pane with SQL database integration, highlighting daily menu updates from the Durham College cafeteria. Integrate a title indicating the announced day on one side of the pane. Implement a scrolling tape effect to present the three different meals and their options. Ensure the design adheres to aesthetic standards and aligns with the desired style.

## Logo Pane

### Requirements

Create the top-left pane featuring the Durham College logo and the faculty name, specifically the Interactive Media Design program. Additionally, display the current date,

including the day name, day number, month name, and year number. Incorporate the current time, including hours and minutes, within the pane.

## Motion Graphic Pane

### Requirements

Generate three web motion graphic animations utilizing SVG and GSAP. Two animations are designated for external companies, and one serves as a Public Service Announcement (PSA) for Durham College. Ensure each animation lasts 50 seconds and is designed to captivate the college audience. Integrate the interaction of the pane with the SVG animations through the SQL database.

## Videos Pane

### Requirements

Produce three videos using After Effects, Premiere Pro, and Audition for YouTube posting. Dedicate one video to a promotional demo about a technological product, the second to tourism matters, and the last one as a Public Service Announcement (PSA) for Durham College. Each video should have a duration of 1 minute and 10 seconds, tailored to engage the college audience. Integrate the interaction of the pane and YouTube through the SQL database.