HW7 Prototyping Final Project – Part 1

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Section A

Choice of project: Option 2

**Project description**

The tool that I will be building is an introduction to Monet, one of my favorite artists and a founder of Impressionism. It is intended to show some of the key moments in Monet’s career along with his most influential works, and users will learn about the stylistic characters and the philosophy of Impressionism – to paint in the way that simulates the fuzzy experience with nature. My target audience is people interested in learning about art and art history.

**Interaction design**

* JavaScript library that enables the user to animate the background image with the cursor. Ideally, the movement of cursor can trigger animation such as floating clouds or the waves in a pond. Three.js is one of the libraries I’ve been looking at – some examples with effects similar to what I have in mind are as below:
  + Portfolio of a Japanese film maker: <http://taotajima.jp/>
  + <http://2016.makemepulse.com/>
  + Google Through the Dark: <https://throughthedark.withgoogle.com/>
  + Painting Grey: <https://emmitfenn.com/painting-greys>
* Timeline could be animated using SVG animation, and I’m looking into ways to tie the animation to the mouse’s scroll position
* I’ll write parallax effects when appropriate
* I plan to incorporate calming music to add another layer to the immersive experience (the users could choose to turn it off)
* I plan to create smoother transitions for the series works of Rouen Cathedral to reflect the color and light changes on the same architecture; it’d be cool if I can figure out how to morph an image into another
* I’ll use animation for the music player, some text and on the last screen for the artist’s portrait

**Other notes**

None of the tools that I used on a regular basis could prototype an animation that requires user’s input, so I did an InVision prototype and made three simple demo videos with Principle to show some of the micro-interactions I plan to incorporate into my project (**01 mouse animation**, **02 music** and **03 photo-changing**). The link to the InVision prototype is <https://invis.io/QPOXHL5SZB8>.

**Challenge**

* The majority of time would be devoted to learning about how to properly use the JS library (or libraries) and for three.js to work I might need to learn a little 3-D modeling
* I’ll look into how to add music to a website too, which might take longer than I expect as well

**References**

// Monet Portrait

<https://en.wikiquote.org/wiki/Claude_Monet#/media/File:Autoportret_Claude_Monet.jpg>

// Rouen Series

<https://upload.wikimedia.org/wikipedia/commons/0/0e/Claude_Monet_-_Rouen_Cathedral_Fa%C3%A7ade_and_Tour_d%27Albane_%28Morning_Effect%29_-_Google_Art_Project.jpg>

<https://en.wikipedia.org/wiki/Rouen_Cathedral_(Monet_series)#/media/File:Claude_Monet_-_La_Cath%C3%A9drale_de_Rouen,_Le_Portail_au_Soleil.jpg>

<https://upload.wikimedia.org/wikipedia/en/3/3f/Getty_monet_rouen_cathedral.jpg>

<https://en.wikipedia.org/wiki/Rouen_Cathedral_(Monet_series)#/media/File:RouenCathedralSerbia05.jpg>

<https://en.wikipedia.org/wiki/Rouen_Cathedral_(Monet_series)#/media/File:Rouen_Cathedral,_West_Facade.JPG>

<https://en.wikipedia.org/wiki/Rouen_Cathedral_(Monet_series)#/media/File:Rouen_Cathedral,_West_Facade,_Sunlight.JPG>

<https://upload.wikimedia.org/wikipedia/commons/0/0b/Rouen_Cathedral-_Setting_Sun%2C_Symphony_in_Grey_and_Pink.jpg>

<https://upload.wikimedia.org/wikipedia/commons/3/3b/Claude_Monet_-_Rouen_Cathedral%2C_Facade_I.jpg>

// Water Lilies

<https://en.wikipedia.org/wiki/Water_Lilies_(Monet_series)#/media/File:Claude_Monet_-_Water_Lilies_-_1906,_Ryerson.jpg>

// La Grenouillere

<https://upload.wikimedia.org/wikipedia/commons/6/67/Claude_Monet_La_Grenouill%C3%A9re.jpg>

// La Gare Saint Lazare

<https://en.wikipedia.org/wiki/Claude_Monet#/media/File:La_Gare_Saint-Lazare_-_Claude_Monet.jpg>

// Le Grand Canal

<https://en.wikipedia.org/wiki/Claude_Monet#/media/File:Claude_Monet,_Le_Grand_Canal.jpg>

// Woman with a Parasol

<https://en.wikipedia.org/wiki/Woman_with_a_Parasol_-_Madame_Monet_and_Her_Son#/media/File:Claude_Monet_-_Woman_with_a_Parasol_-_Madame_Monet_and_Her_Son_-_Google_Art_Project.jpg>

// Giverny

<https://www.claude-monet.com/images/paintings/garden-path-at-giverny.jpg>

// Landscape works

<https://uploads8.wikiart.org/images/claude-monet/sunlight-effect-under-the-poplars.jpg!Large.jpg>

<https://www.artic.edu/iiif/2/448ea344-4996-d91c-c597-463ff9a31359/full/1692,/0/default.jpg>

<https://upload.wikimedia.org/wikipedia/commons/8/89/Claude_Monet_-_Monet%27s_garden_at_V%C3%A9theuil_%281880%29.jpg>

<https://uploads0.wikiart.org/images/claude-monet/young-girl-in-the-garden-at-giverny.jpg>

// Poplar-2

<https://en.wikipedia.org/wiki/Poplars_(Monet_series)#/media/File:Claude_Monet_040.jpg>

// Cliff Walk at Pourville

<https://www.artic.edu/iiif/2/8025c072-f5bc-4384-4e0e-ed5d768eb704/full/1692,/0/default.jpg>

// Grainstack

<https://www.artic.edu/iiif/2/775af3c6-22dc-4dd7-6eb1-ac9ee27999e3/full/1692,/0/default.jpg>