Submission link: <https://artcenter.instructure.com/courses/11977/assignments/50738>

**10/15:** Most of my process/behind-the-scenes work is captured in a Figma Board. I’m porting over progress artifacts towards a more-organized MS Word format here:

**10/17:** I was notified after-class that there was a Canvas HW module to upload a link to this, seen in the “Submission Link” above. I didn’t know we had to upload a github link prior, apologies for that!

**Project Context:** I’m prototyping an enhanced, more-intuitive [NASA Worldview](https://worldview.earthdata.nasa.gov/?lg=false&t=2024-10-17-T01%3A24%3A55Z) dashboard focusing on a subset of users: data journalists and storytellers that utilize Geospatial Information Systems (GIS) such as Worldview.

A screenshot of a computer

Description automatically generated

Figure 1: Sample of my prototype. New layouts that address user needs.

Ideation! : as I continue prototyping the dashboard, it’s now time to think of product interfaces. I love ideation and I facilitate that by performing mind mapping sessions. I particularly set my mind mapping session to be “rapid fire” in pace. By making it short, it really helps me ensure I capture my rawest ideas with no overthinking nor judgment!

My trusty Remarkable Paper Pro tablet is my go-to tool for mind mapping – I like how it’s the tactile writing experience but incredibly rapid to transfer my thoughts to digital storage.

A diagram of a company

Description automatically generated with medium confidence

Figure 2: Ideation of What to Blender for my enhanced NASA Worldview Dashboard!

**Pick and Sprint:** From the first mind map, I use my tablet to highlight green key ideas that I want to expand more into as a possible lead. I performed a “sprint” to generate how that idea can become the Blender project:

A close-up of a paper

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Figure 3: Example idea sprint - maybe use Blender to generate a kiosk that can be used in large conference rooms or at NASA's recently built Environmental Data Center interactive exhibits!

**Liking “Hype Advertisement”:** one of the sprint activities included the idea of creating a marketing ad for the new dashboard updates I’m implementing. My prototype proposes the dashboard to now analysis capabilities now giving users the ability to perform advanced methods on satellite data – this can be a huge ad campaign to draw users!

I collected a couple sample advertisements that came across my social media feeds (coincidence?!) – where the product was a digital interface, but utilize device renders and show features!

A collage of a screenshot of a computer

Description automatically generated

Figure 4: Example ads and visuals!

Let’s Roll with It: Current plan is to create a futuristic hardware that hosts the dashboard with various “views” of the dashboard laid out in the local x and local y axis of the device to show the many layers that users of the device can manipulate and analyze.

* I also identified on Blender from a tutorial on how to generate a gradient backdrop – it is very akin to how a photo studio’s backdrop looks like!
* I’m also considering using animations for the screen to transition to each layer – slide into the device’s screen to show change.

A screenshot of a computer

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Figure 5: The current concept I'm rolling with! So far on Blender, I generated low-poly device and "dummy plates" where the surrounding dashboard views will live.