

PUP

Mobile Pin Up Panel

Pin-Up Panel is a modular partition system designed to transform studio spaces into flexible environments for collaboration, critique, and display. Created to enhance workflow in design education, it highlights my strengths in spatial design research, full-scale prototyping, and fabrication-driven problem solving.

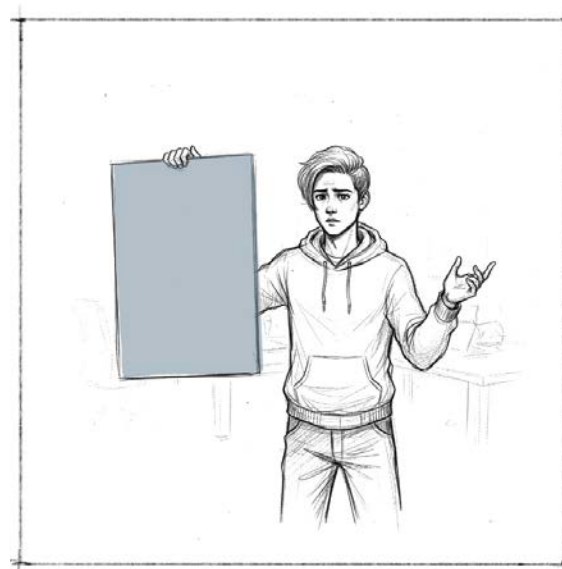
15 Weeks | 3 Designers | Summer 2025



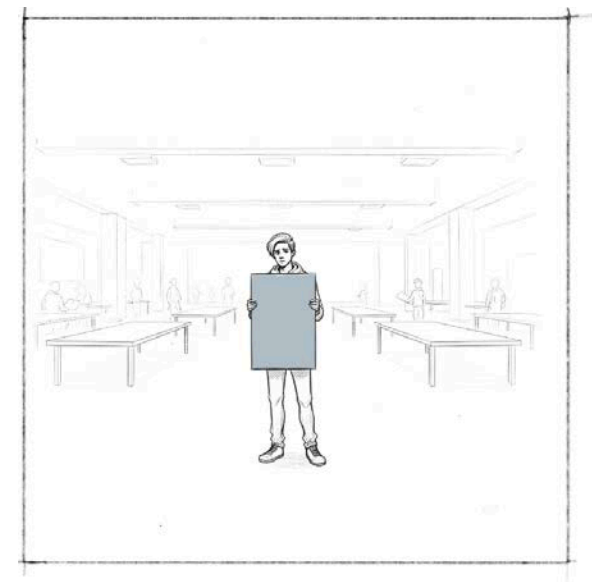
The College of Design's open-studio layout encourages collaboration but limits wall space, prompting the need for a **flexible, portable system to support frequent pin-ups and critiques.**



You work hard on a project



Want to show it and get feedback



But there's nowhere to pin it up

Ghent EZ Mobile Whiteboard

Magnetic
Whiteboard and Felt



Herman Miller OE1 Mobile Easel

Nesting stands
Replaceable panels



Ghent Pointe Mobile Glassboard

15 degree angled legs
Multiple units connect



Ghent Geo Mobile

Interior cavity for storage
A-frame design for stability



Project Intent

Design a **portable pin-up panel** that supports feedback and critique in the open-studio environment.

The first iteration introduced a compact, **personal panel**, but the design evolved to be sturdier with added **features for shared use** and long-term durability.





PET felt and plywood for pinning up.



Adjustable platform designed to hold up to 50 lbs.



Integrated storage for supplies and accessories.



Built-in handle for easy transport and repositioning.



Channels for securely housing panels.

The A-frame base can be outfitted for three core functions: a TV block for digital collaboration, a dry erase block for brainstorming and notes, and a pin-up block for showcasing posters, sketches, and reference materials.

TV Panel



Dry Erase



Pin-Up





Fifteen units were fully fabricated inside the Gray Design Building by the team, showcasing a complete in-house manufacturing process. From material cutting to final assembly, every step was completed on-site, with the CNC mill taking on the heavy lifting to ensure precision and consistency across all parts.





Touch Points



Details



Tolerance



Features





Teaching



Brainstorming



Critique

All fifteen panels are currently in use throughout the **Gray Design Building**, serving a variety of purposes—from displays to collaborative work surfaces—as part of a test to evaluate their effectiveness and inform future large-scale manufacturing.

