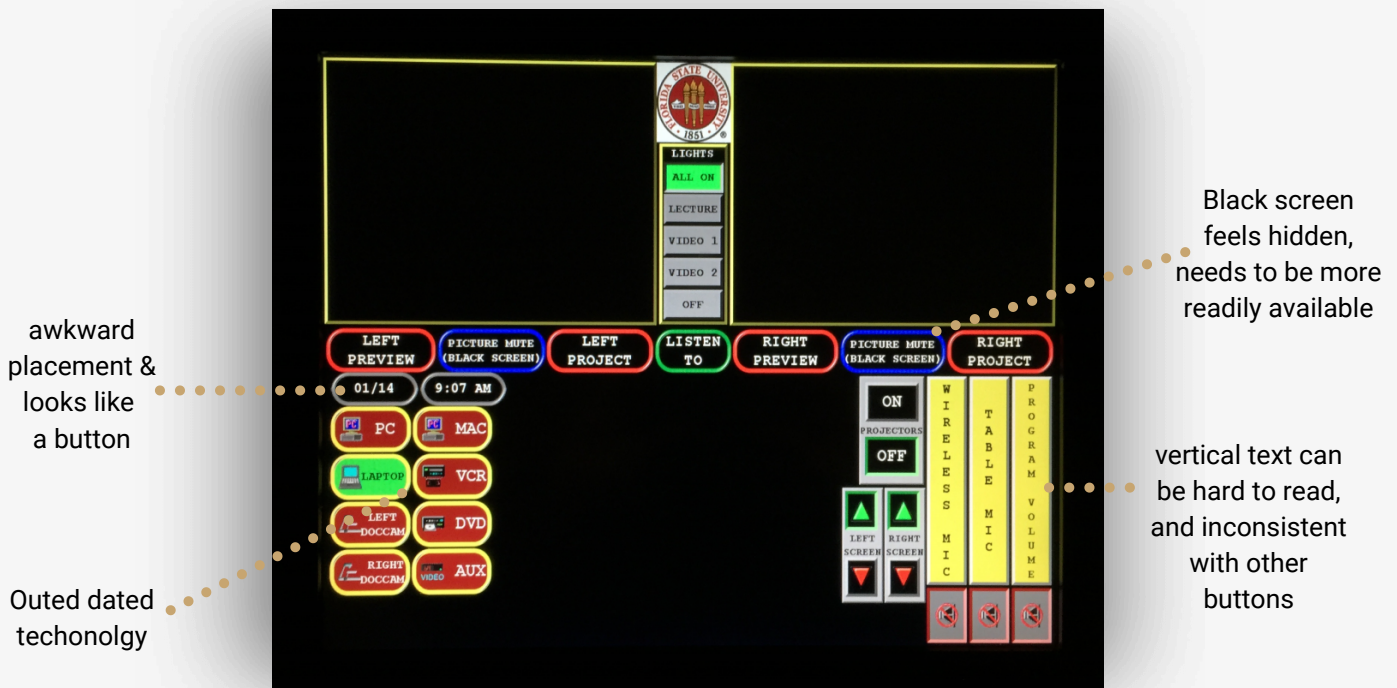


THE CRESTON INTERFACE: INTRODUCTION

The Creston Interface controls the projector in classrooms. The task at hand was to take the old interface and redesign it. Our group identified that the old interface is outdated and we wanted to refresh it so that it looks similar to a mobile application.

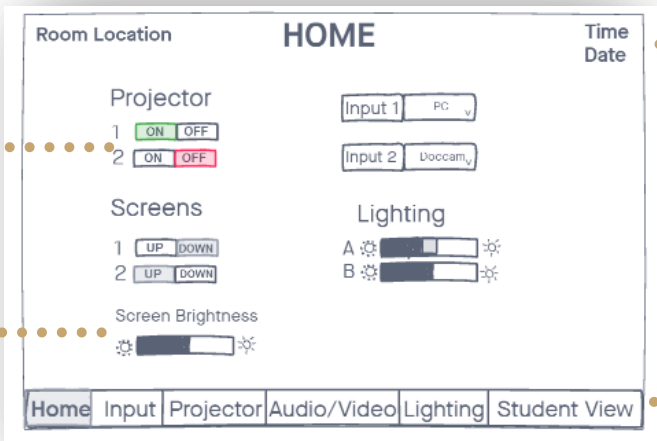
INITIAL REVIEW



As mentioned above, the interface is outdated. For example, the input includes VCR, which isn't used much in the classroom. Another thing we identified is the labels are inconsistent in size and shape.

MOCKUPS

The next phase of this redesign was to figure what we want and start building a mockup. My group decided to use the freehand option of InVision to do this step of the redesign.



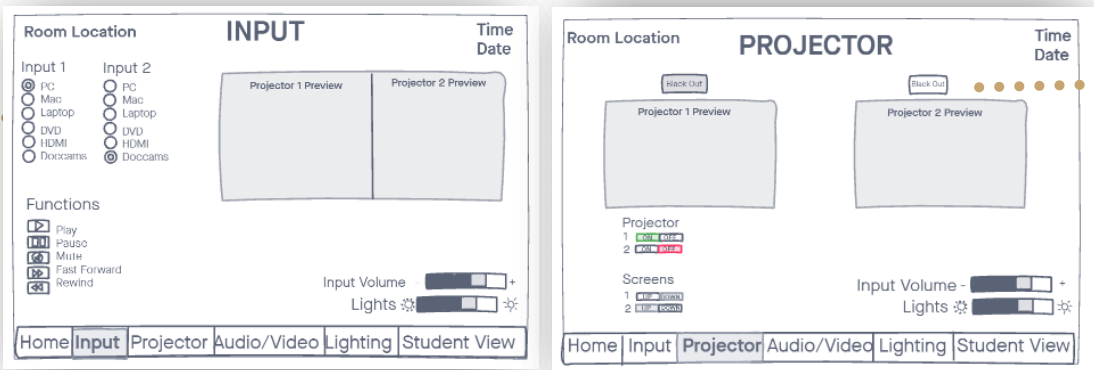
The use of conventional colors (ex. green is good to go)

ability to adjust the physical screen brightness

At a spot in the top where it out of the way, but still easy to find

use of tabs and different pages to not overwhelm the user

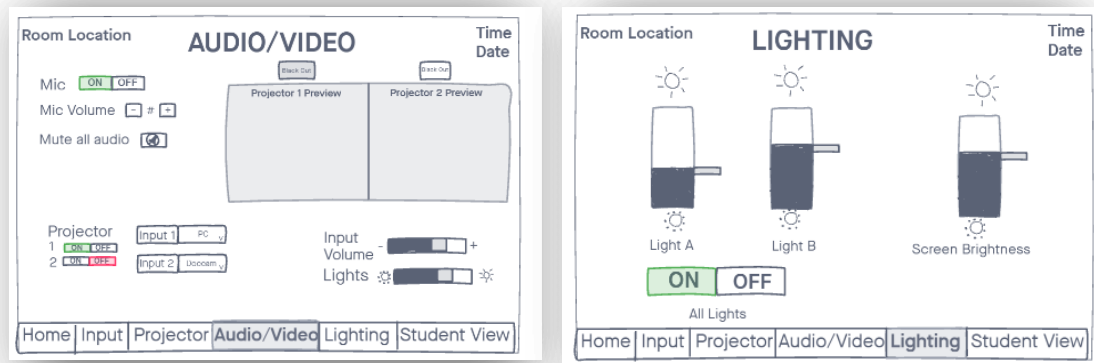
The HOME mockup features a top navigation bar with 'Room Location', 'HOME', and 'Time Date'. Below this, there are sections for 'Projector' (with two 'ON/OFF' buttons, one green and one red), 'Screens' (with two 'UP/DOWN' buttons), and 'Lighting' (with two sliders labeled A and B). A 'Screen Brightness' slider is also present. At the bottom, a tabbed interface includes 'Home', 'Input', 'Projector', 'Audio/Video', 'Lighting', and 'Student View'.



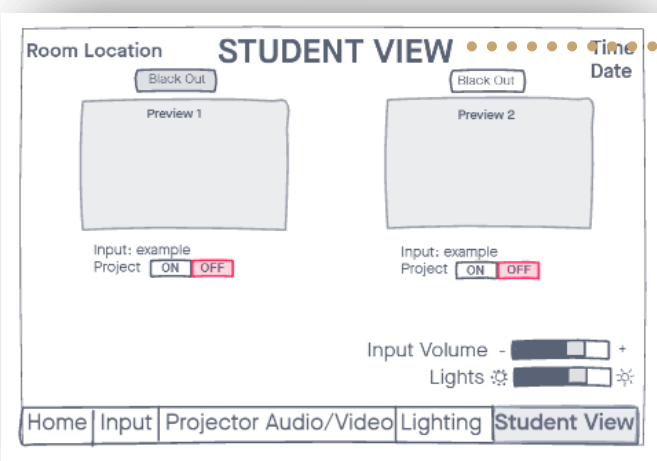
updated technology inputs

black out button for emergency situations

The INPUT mockup shows 'Room Location', 'INPUT', and 'Time Date'. It features two columns of input options: 'Input 1' (PC, Mac, Laptop, DVD, HDMI, Doccam) and 'Input 2' (PC, Mac, Laptop, DVD, HDMI, Doccam). Below are 'Functions' (Play, Pause, Mute, Fast Forward, Rewind) and 'Input Volume' and 'Lights' sliders. The PROJECTOR mockup shows 'Room Location', 'PROJECTOR', and 'Time Date'. It features two 'Projector Preview' windows, each with a 'Black Out' button. Below are 'Projector' status indicators, 'Screens' status indicators, and 'Input Volume' and 'Lights' sliders. Both mockups have a bottom navigation bar with 'Home', 'Input', 'Projector', 'Audio/Video', 'Lighting', and 'Student View'.



The AUDIO/VIDEO mockup shows 'Room Location', 'AUDIO/VIDEO', and 'Time Date'. It features 'Mic' status, 'Mic Volume' slider, 'Mute all audio' button, 'Projector' status, and 'Input Volume' and 'Lights' sliders. The LIGHTING mockup shows 'Room Location', 'LIGHTING', and 'Time Date'. It features three sliders for 'Light A', 'Light B', and 'Screen Brightness', and an 'All Lights' 'ON/OFF' button. Both mockups have a bottom navigation bar with 'Home', 'Input', 'Projector', 'Audio/Video', 'Lighting', and 'Student View'.



new mode for when students are presenting in the classroom

The STUDENT VIEW mockup shows 'Room Location', 'STUDENT VIEW', and 'Time Date'. It features two 'Preview' windows, each with an 'Input: example' and a 'Project' 'ON/OFF' button. Below are 'Input Volume' and 'Lights' sliders. The bottom navigation bar includes 'Home', 'Input', 'Projector', 'Audio/Video', 'Lighting', and 'Student View'.

FINAL DESIGNS

The last phase in this redesign was to build out the new interface. The group decided to use Canva Graphic Designs to build it all out. Below will be static images of each screen.

