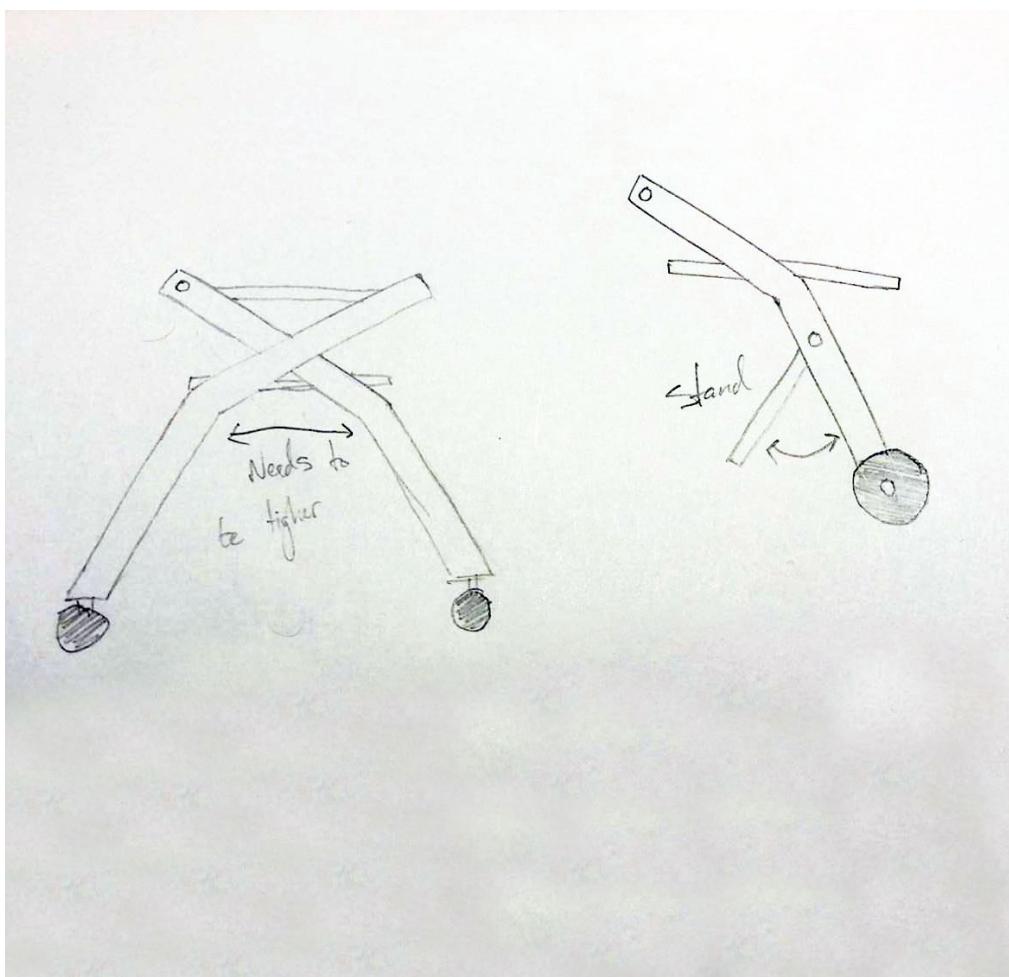
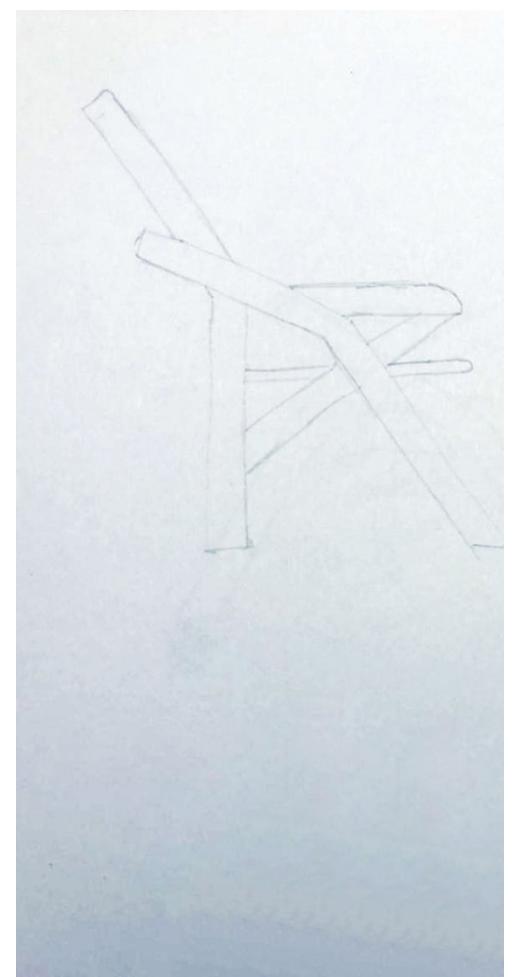


My Own Chair

Our group decided to use the parts from 2 IVAR Chairs from IKEA to put together a small, simple bar cart.

Concepts



When developing concepts for our chair project, we were initially drawn to the back legs of the chair that curve up to hold the back of the seat. We knew that we wanted this part to be central to our design. We drew and modelled several concepts that involved these parts crossing over each other. We developed multiple chair designs, however the design that most peaked our interest was a bar cart.

Process

We used SketchUp to model the bar cart. To assemble the cart, we used some simple wood joinery techniques. Cutting out the wheels to be even was a particularly difficult part of construction. We wanted to avoid



using screws, however due to the materials and tools that were available to us, we weren't totally able to complete the construction in the way we had hoped. That said, we are still very proud of how it came out.



Final



Roll

with the punches.

This bar cart was built out of tow IVAR Chairs from IKEA. The primary inspiration for this design were the curved legs that go up the back of the IVAR chair. In our cart design, those legs are crossed and joined together to form the main structural support. The wheels were handcut from wood, and wheels were not added to the front to prevent the cart from being easily moved or knocked into.