

HAVEN

By Olivia Rockwood



Design Philosophy

Mental illness doesn't
stop at childhood.
So why do we design
like mental disorders
don't effect adults?





A Sensory Chair

*A chair for those who need better
comfort*

I wanted to design a chair for adults who experience sensory overload and provide a way for them to be able to curl-up and calm down in their own way.

Commonly the only market chairs that fit this need is made for small children, and if there is a chair big enough for an adult it does not have an appealing design or appearance.

Method of Approach

Find the gaps in user support

- What types of sensory chairs are on the market
- How are the chairs seen in the social eye, what stigmas do they hold
- What is available for adult users



Dialing it In

Mapping



Standing



Stability



Adjustments



Cutting it out



Adjusting the size



Human ergonomics

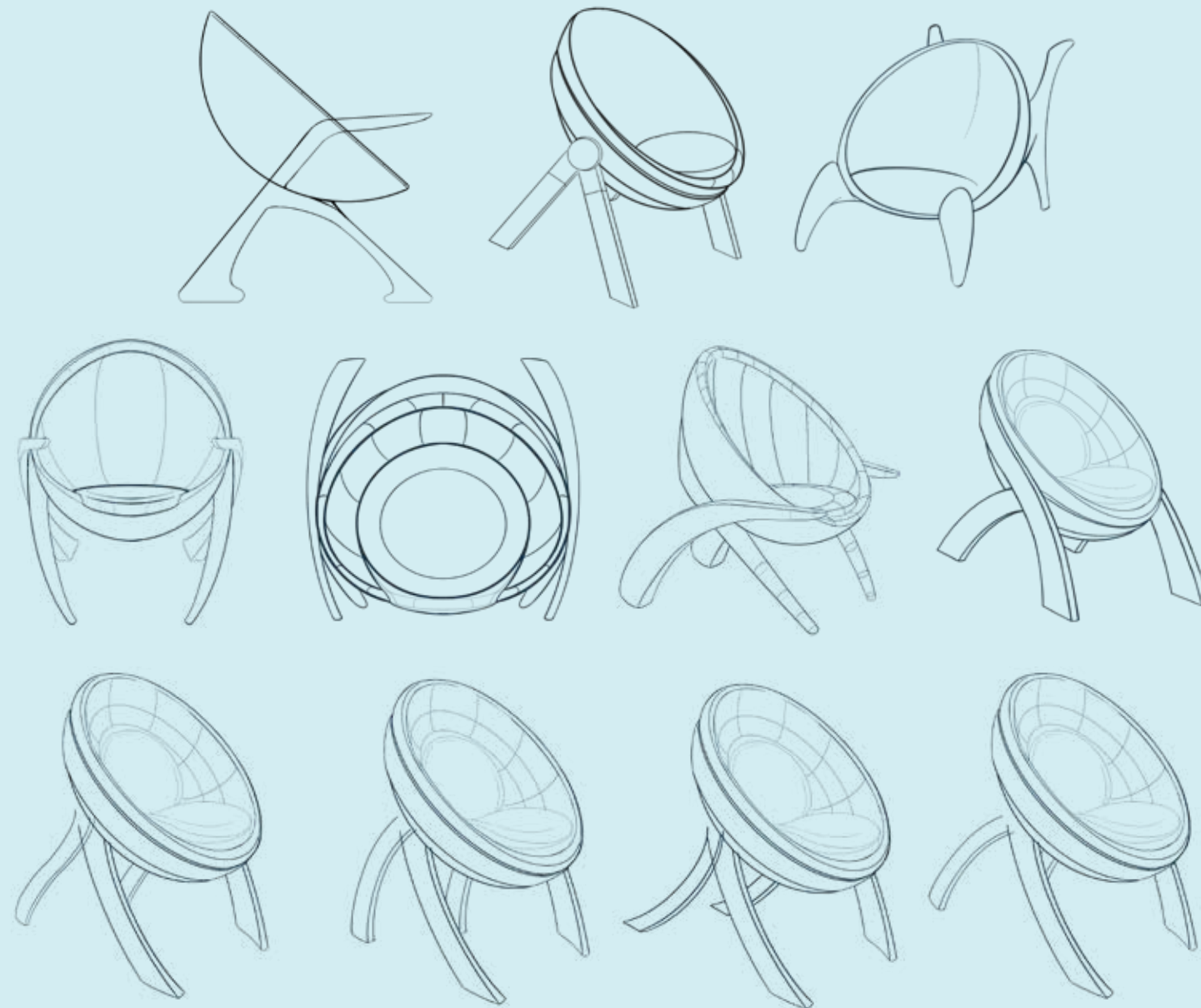


Scaled Mock-Ups

Before ever touching a computer to start CADing I wanted understand the proportions and sizes that would be needed for the average adult.

Tracing my body and adjusted for a larger body gave me the proportions for the cradle of the seat. Next would come the measurements of how high the seat would be off the ground, how much space the chair would need.

The Legs

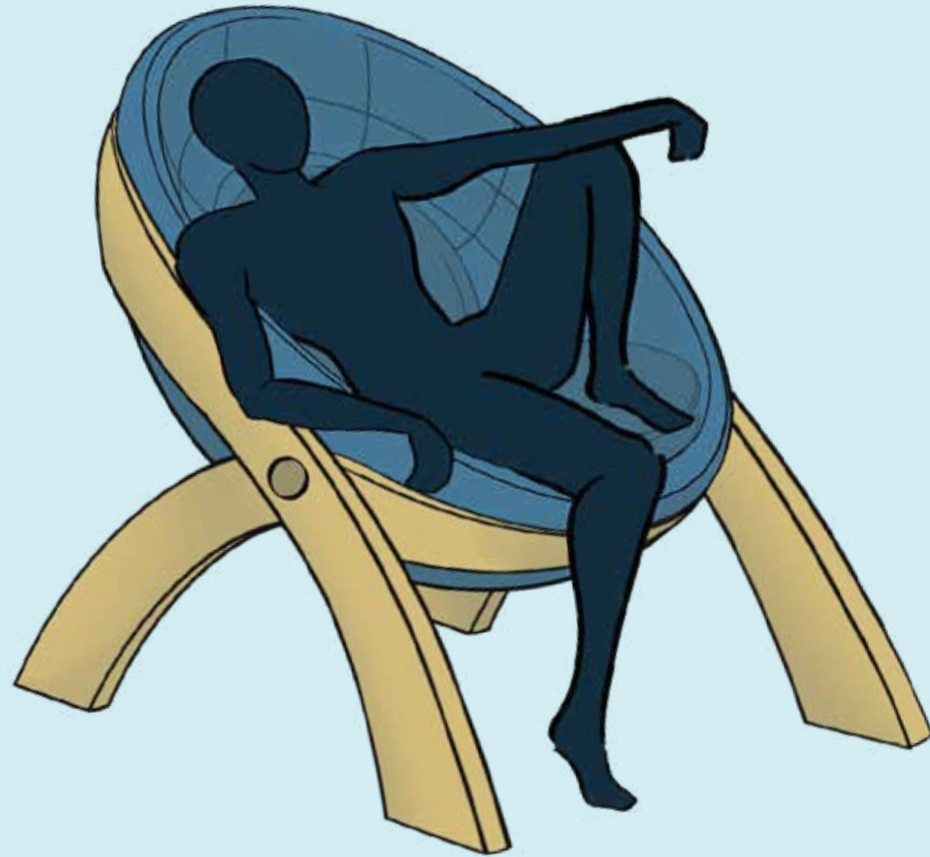


The Fight for Form

Everyone loved the egg shaped form from the beginning, the only problem was how to hold the cradle in place. The legs went through a lot of iterations before landing on the inter-locked arched legs.



Story Board

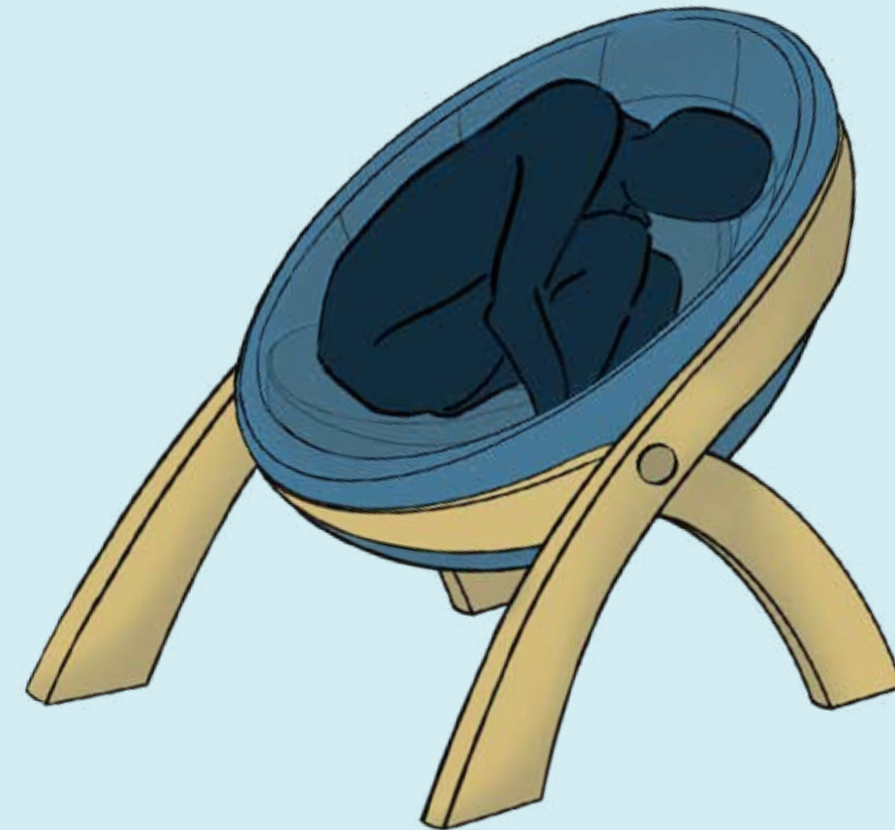


Relax and be Open

Its always nice to have a comfortable chair that also looks really nice. You can easily sit in any position you feel like without the constraint of stiff arm rest.

Closed and Secured

For when the world is too loud, lights are too bright, and every thing is just too much for you to handle. You can curl up and calm down in a contained area



Materials

Brass

For this project, brass provides a touch of elegance to the form.



Leather

Contrary to popular belief, leather is a sustainable resource. As long as there is a meat market there will always be leather.



Plastic

A light and durable material that will be easy to install. It is easy to manufacture by using recycled plastic.



Wood

Wood is a sustainable resource, just not within a normal human's life span. Though with the correct treatment wood can last decades.



For when you need a safe place to
calm down. Find it in the safety of

HAVEN







