

Play▶List

Process Book

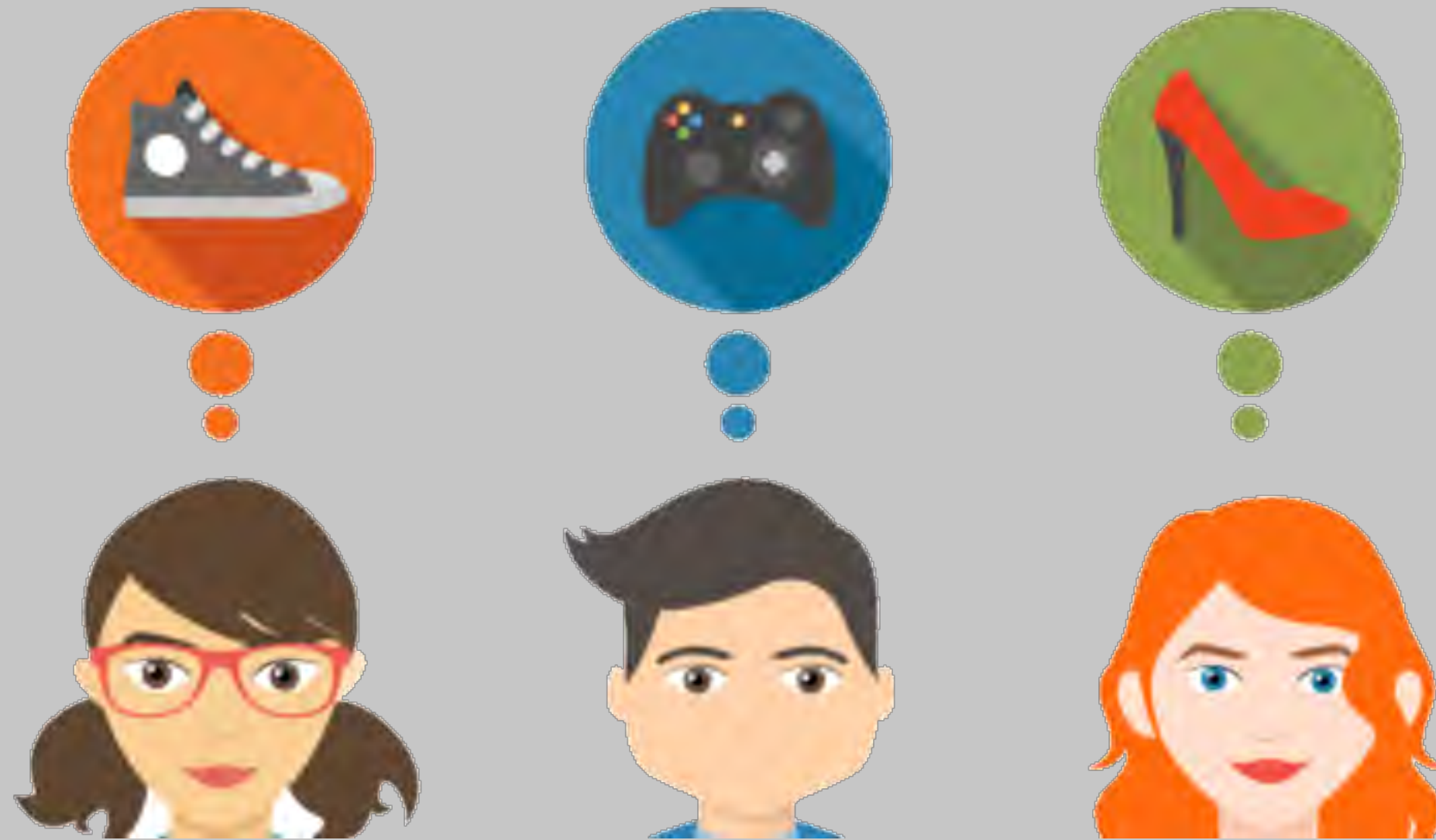
By: Charles Latourneau

Statement

This project began with the idea to create a pair of headphones have a unique identity based on each individual. Doing this also allowed the ability to review the general structure of headphones fixing common problems like sweating and discomfort around the ear, or headphone hair and compatability with hats or helmets.

Goals

-Increase comfort around the ear.

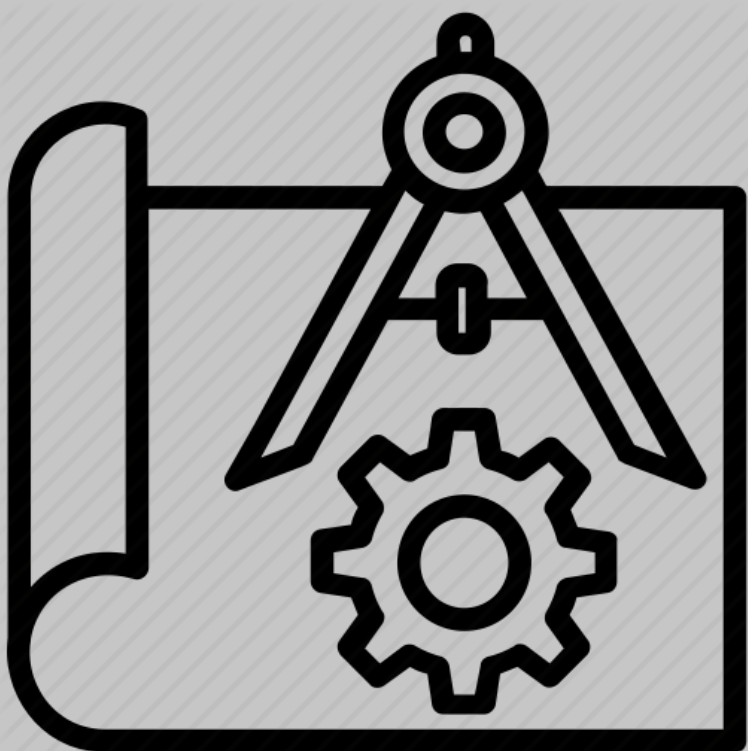
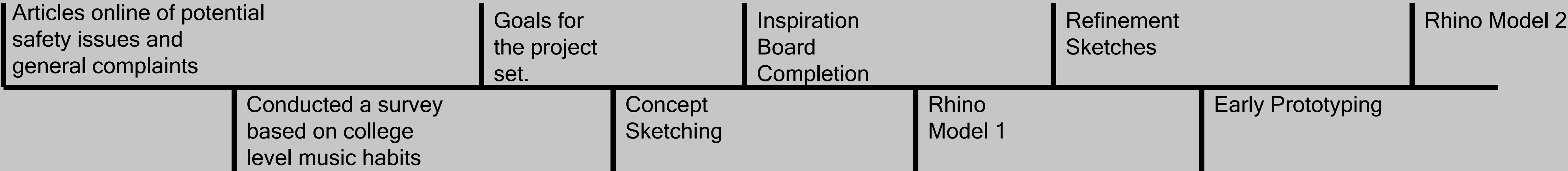


-Fix the issue of headphone fragility



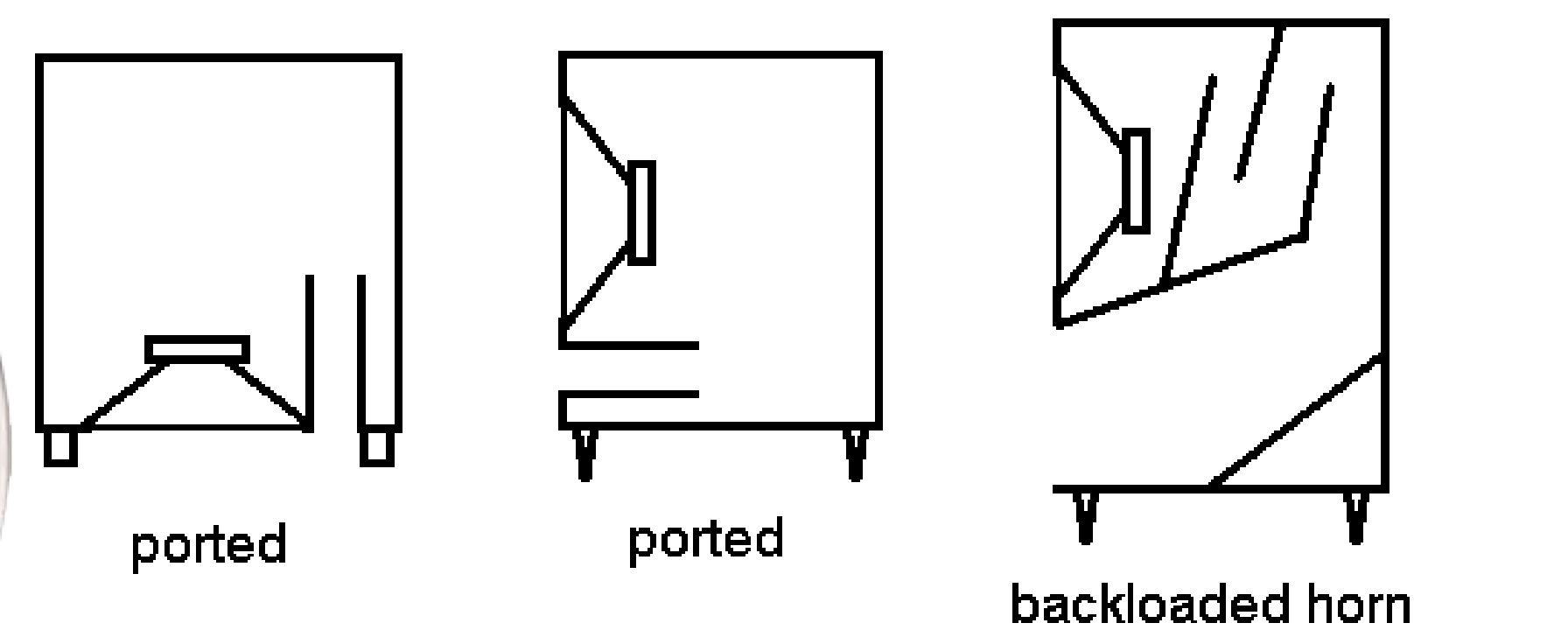
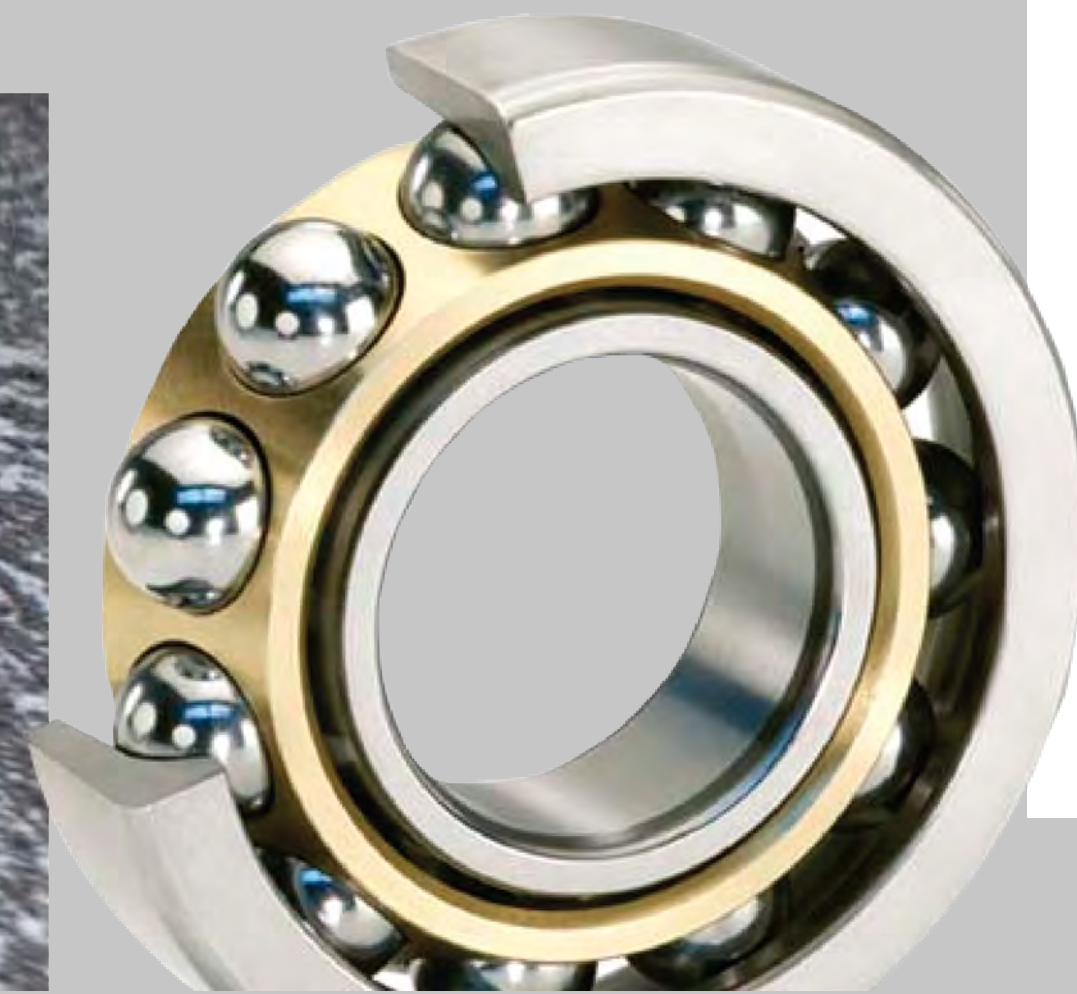
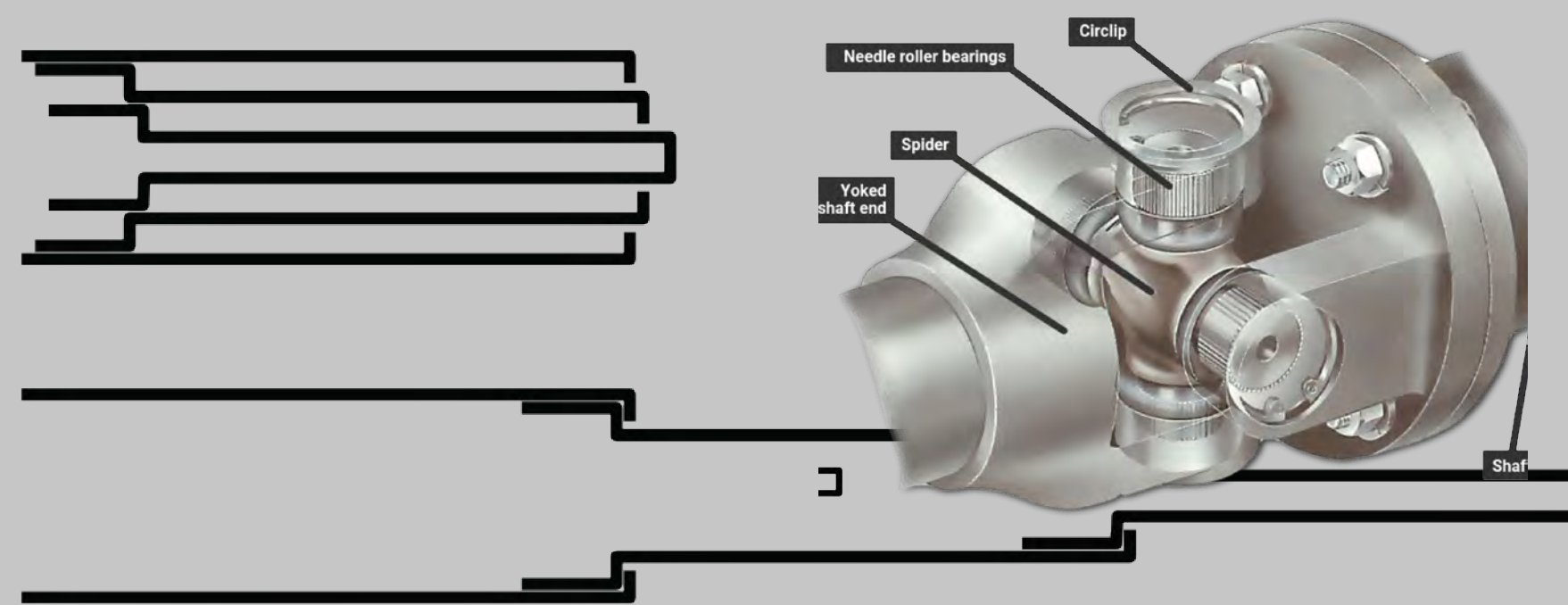
-Help develop a unique connection through personalization

Research Timeline



Inspirations

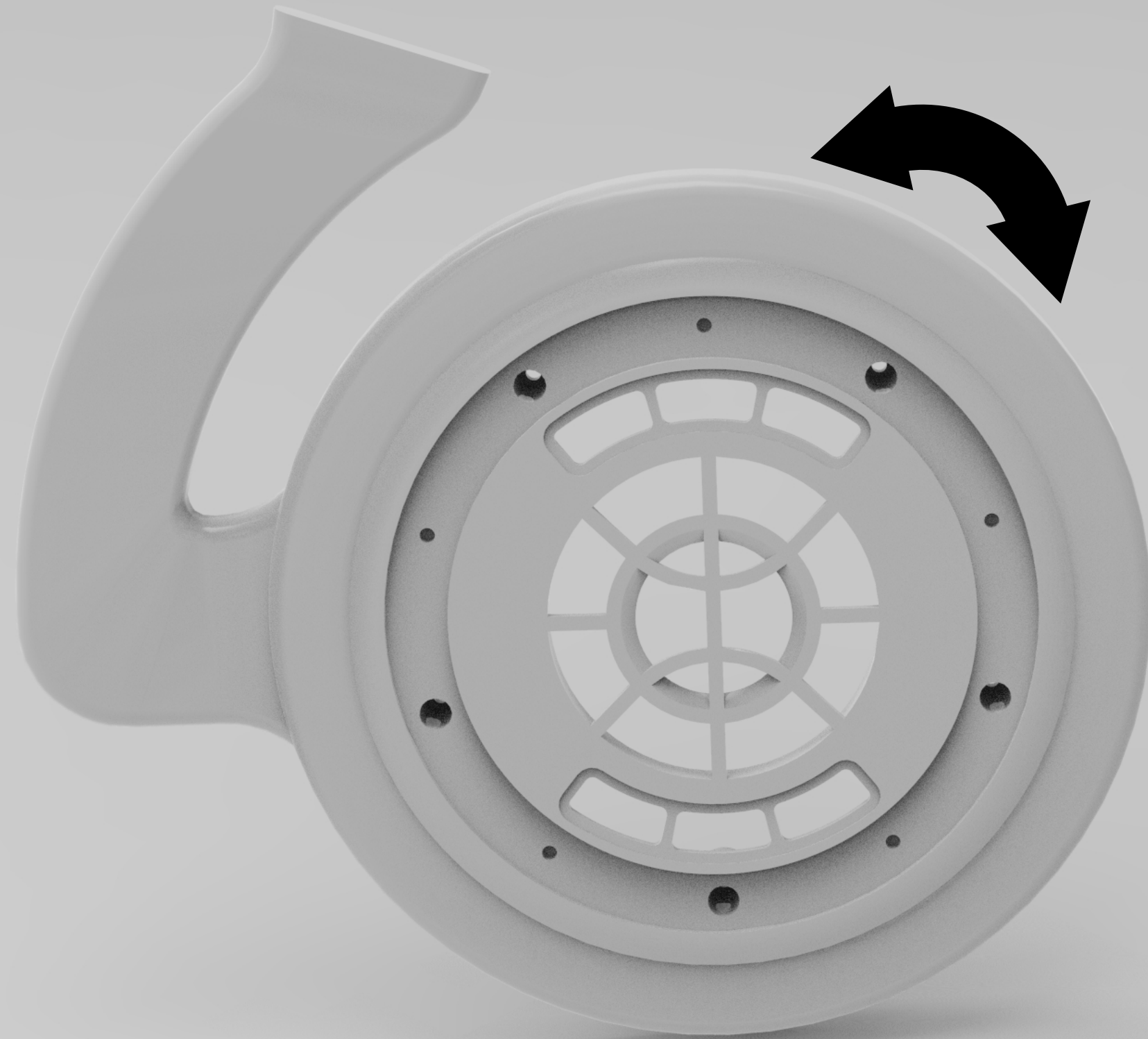
A single glance at the inspirations list will have some people scratching their heads as a few of the things that are on here didnt make it into the final product like the ball joint this is mainly a set of images that were being refrenced while sketching to make sure I do not lose track of my goals



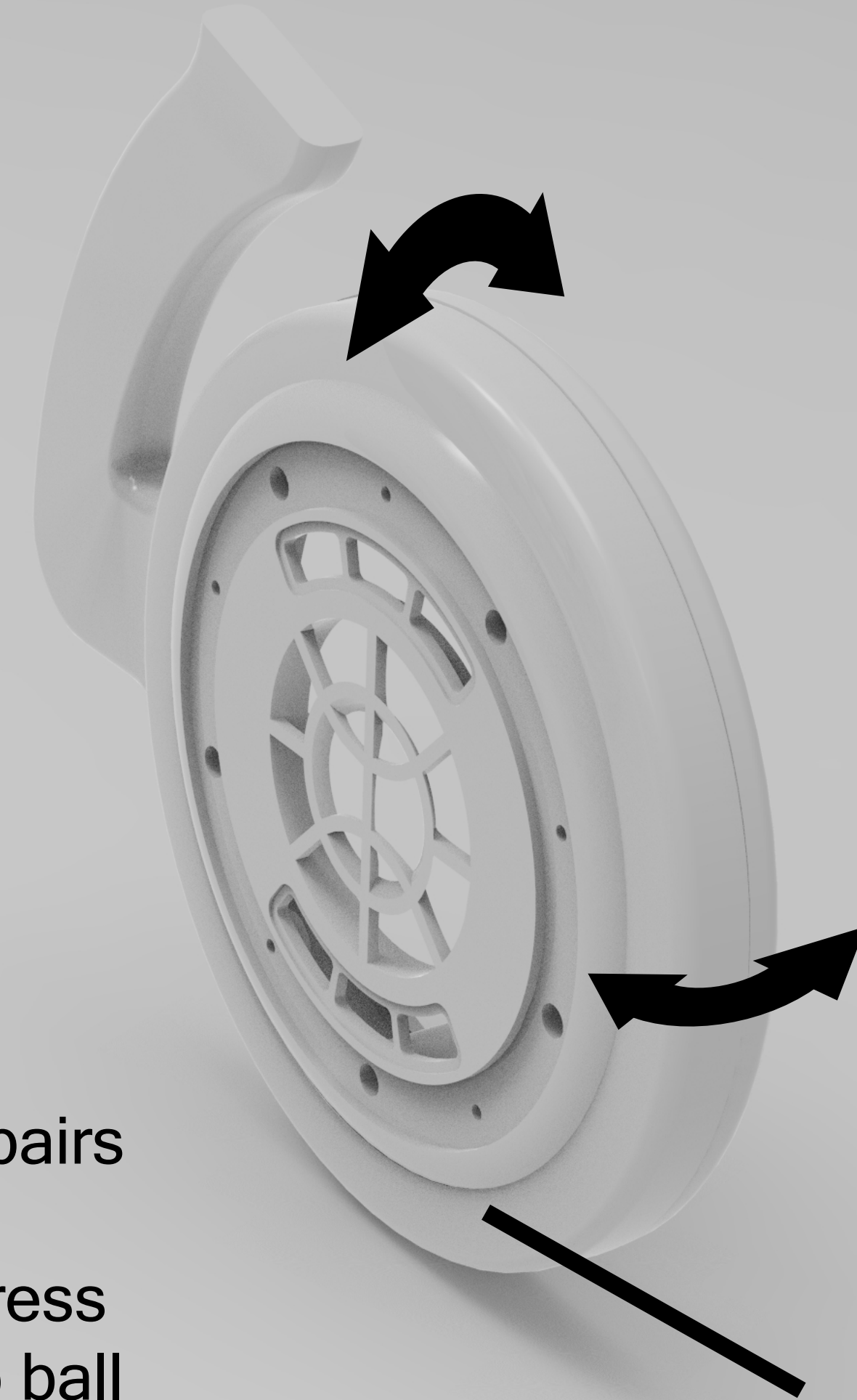
Sketches



Problem Solving: Fragility



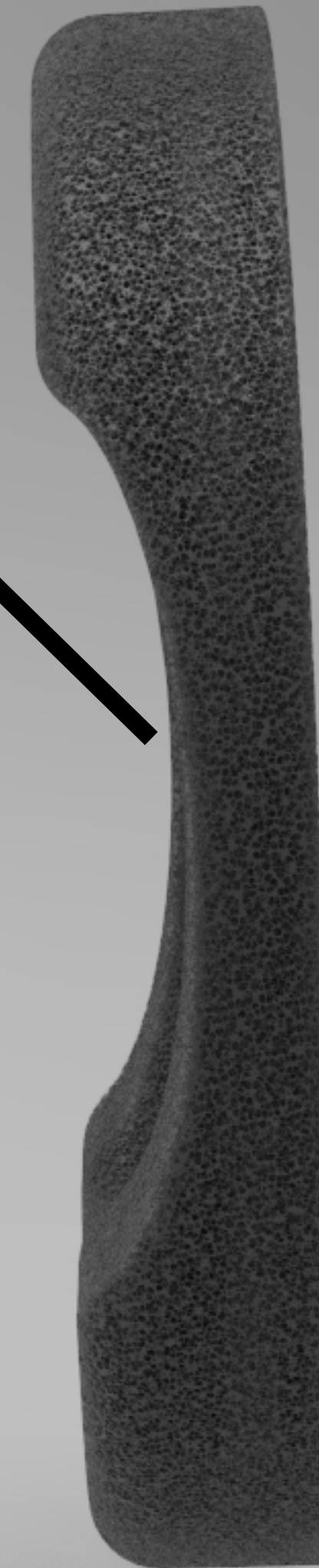
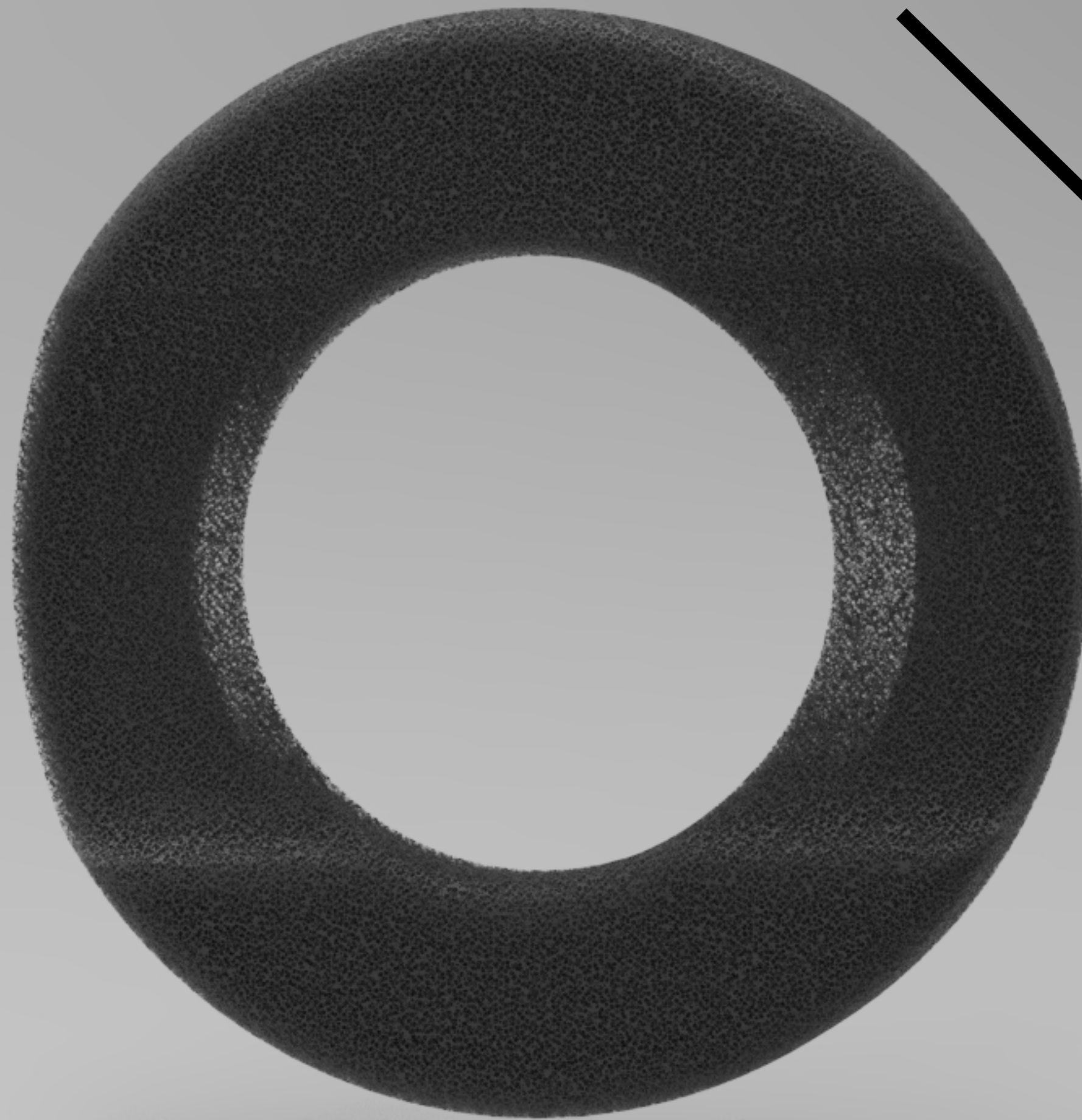
In the research it was found that most pairs of headphones broke around the joints and added that the list of things to address and the devised solution was a pseudo ball joint and socket that both allows free range of motion of the headband and has no inherent weak points unlike a standard joint.



Full Range of Motion

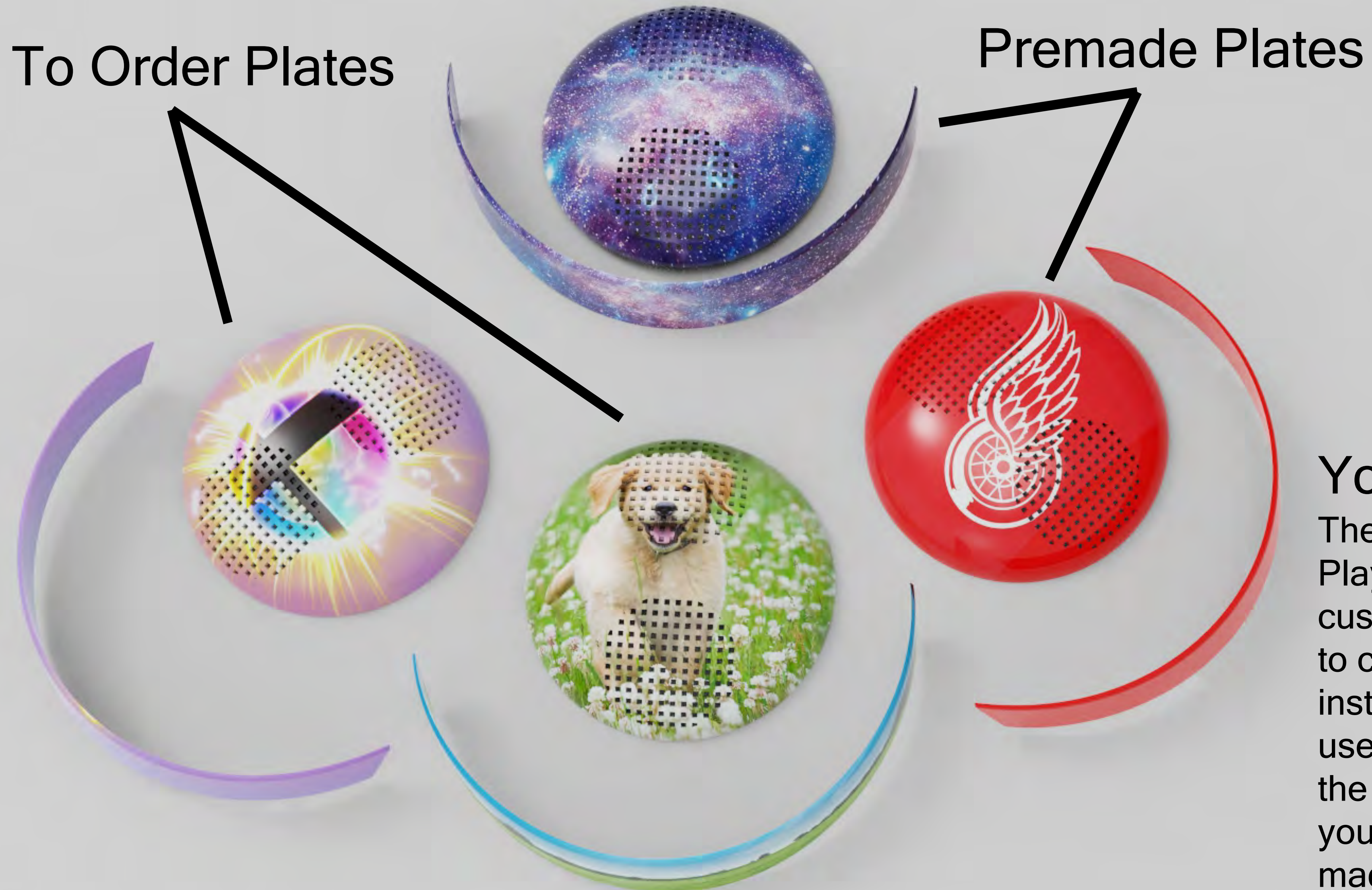
Problem Solving: Comfort

Foam Cutout for breathability



The foam padding for playlist was something that only began to develop about much later in the process after a meeting with classmates where one mentioned the troubles they have with headphones and the pain they cause where his glasses rest.

Problem Solving: Personalization

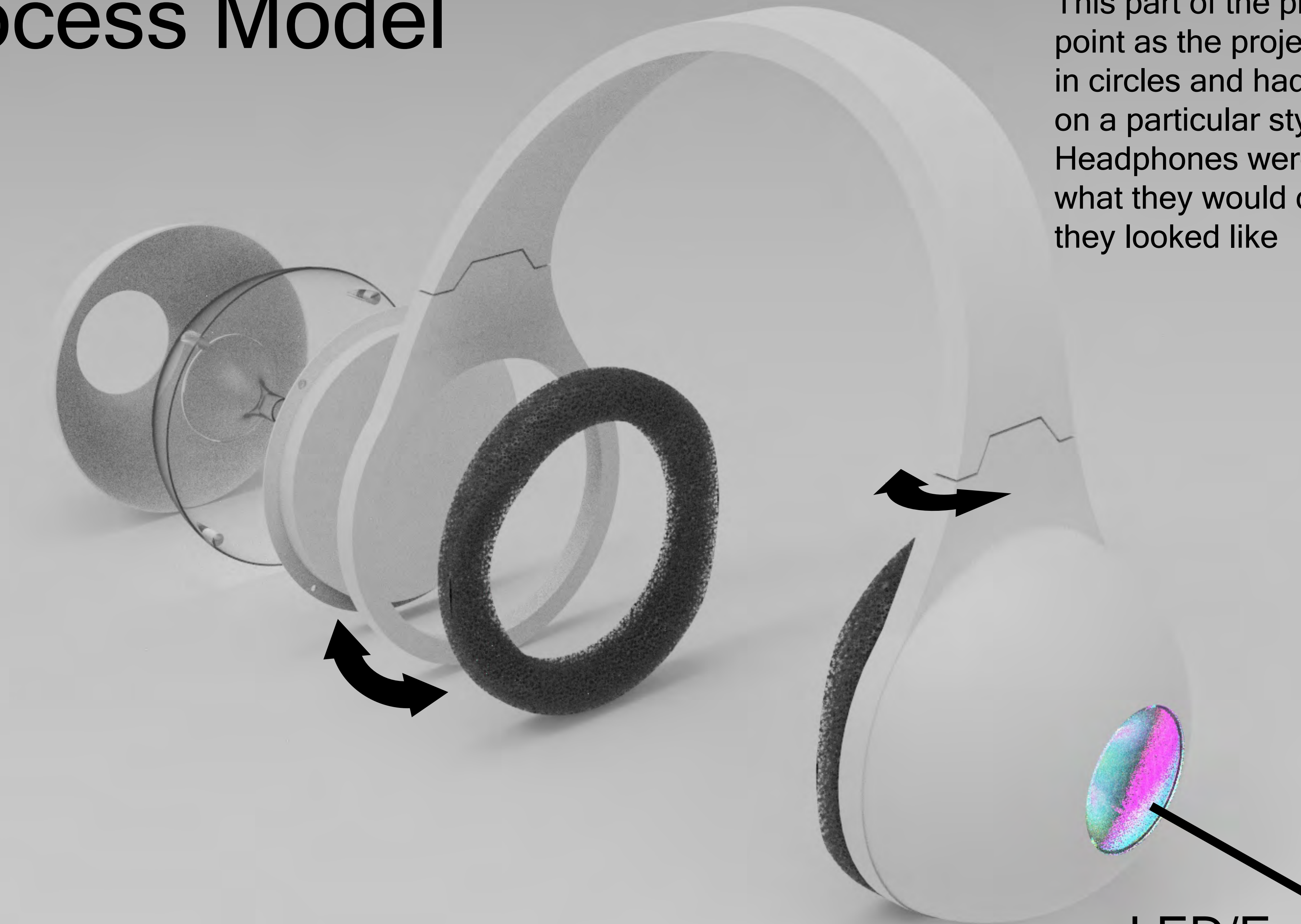


Your memories your style

The easiest to recognize part of PlayList is going to be its range of customization as easy as it would be to control what plates would be sold instead chose the ability for the user to place their own images on the plates online while ordering or you can choose from an array of pre made plates.

In Process Model

This part of the project was a strange point as the project was spinning in circles and hadn't quite settled on a particular style so instead these Headphones were focused on the what they would do rather than what they looked like



LED/Expansive Horn

Exploded View



Playlist in Use



Final Render

