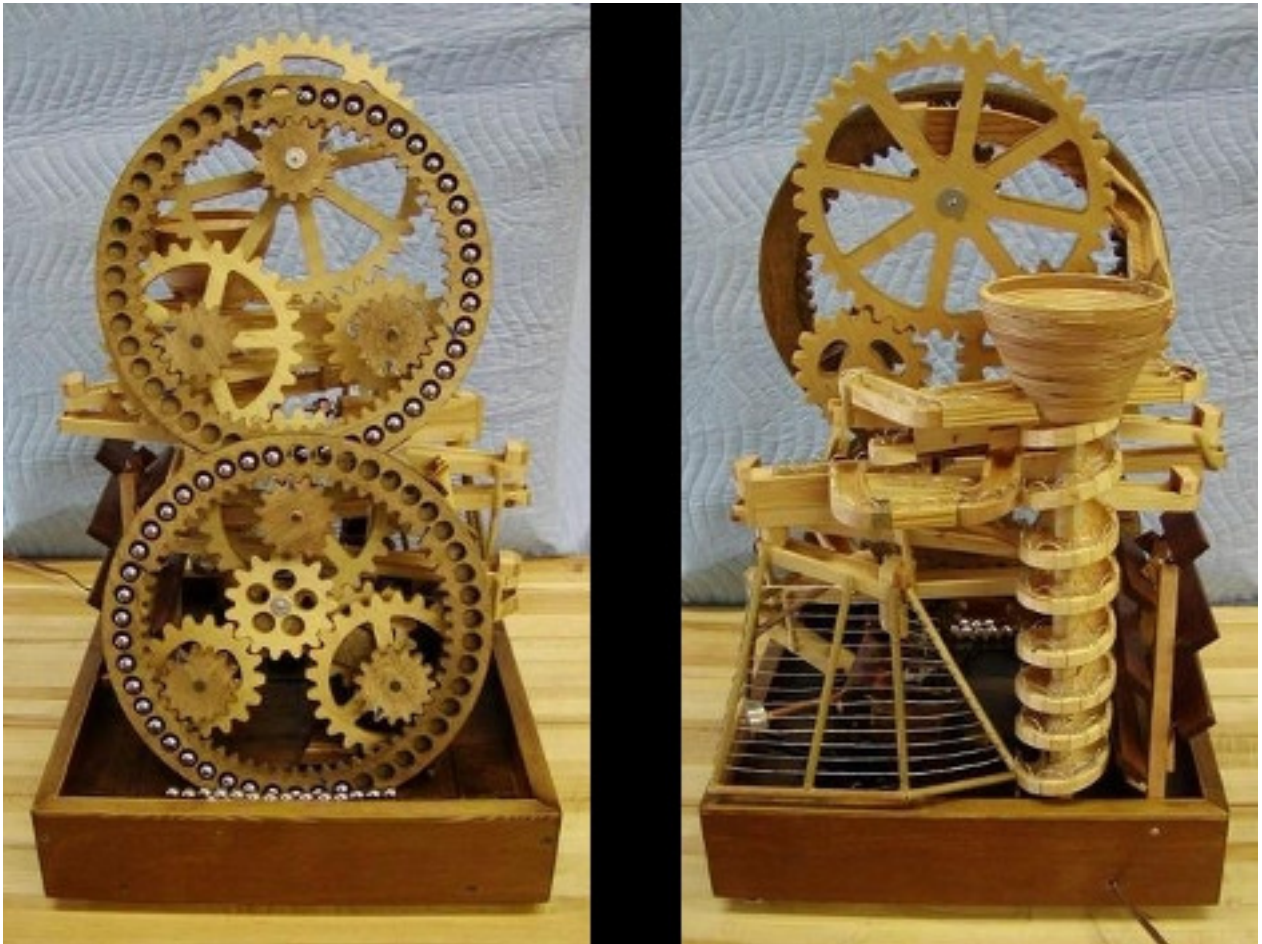


BENCHMARKING



As a team we have benchmarked 7 ideas now, we have chosen these designs because they are similar in size to our customer's requirements. Some of the designs are made of wood and some are metal. In our design we have incorporated both materials using a mostly wooden frame. Most of the designs we have found use multiple balls and we have chosen to go along this route. Having a single ball would be fairly boring and not as exciting as we want this to be.

This time we focused mostly on wooden sculptures, we did this to get a better idea of what it will be like working with wood and what we can make out of it. One of the figures uses a unique lifting mechanism similar to the one we will be creating and it uses a guarding around it so the ball cannot fall off while being lifted. We have also noted a container used to keep everything in order in the form of a large bowl where the balls will be kept and not rolling around at the bottom.



The designs above are made almost entirely of wood and the figure on the right is using a steel ball similar to our idea.