

## DESIGN PROMPT

Imagine you are sitting at your table having dinner and you want to stream a movie or your favorite TV show on your mobile phone. You try to stand it against a jar, but it keeps falling over.

You are tasked with developing a system for your mobile that can help solve this problem without using one's hands. The solution must leverage Additive Manufacturing (3D Printing) Technologies. You are to use a 5<sup>th</sup> Generation Makerbot Replicator to manufacture the product. This is a Material Extrusion Printer and has a build volume of L11.6in x W7.6in x H6.5in.



You can design your solution to fit any phone of your choice.

Design such that you use the least amount of print material as possible. It should also print as fast as possible.

Make sure your ideas are detailed enough, such that an evaluator, who sees it for the first time, can understand it easily.

