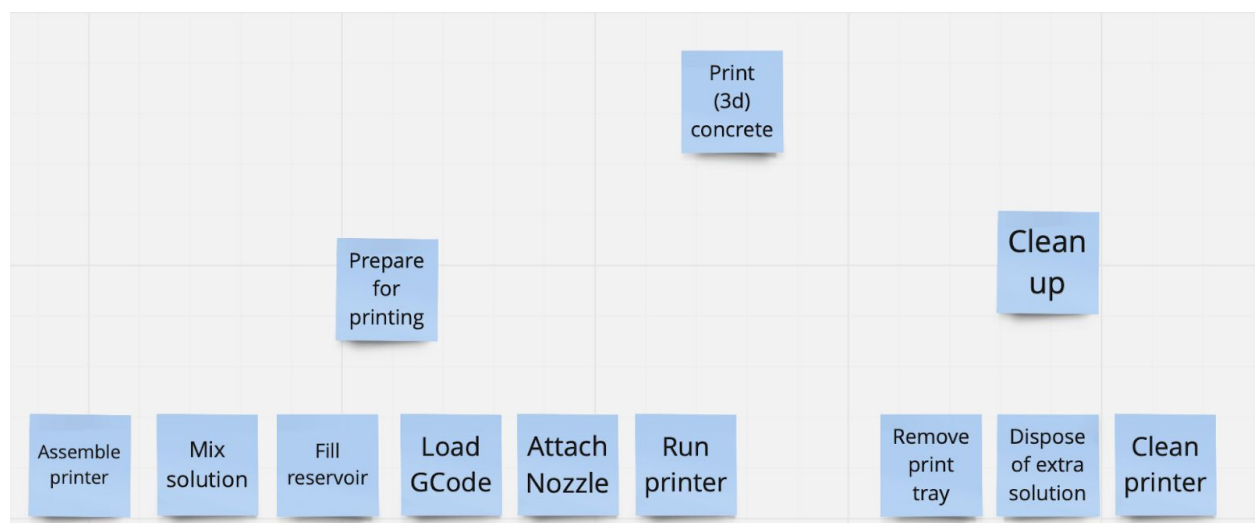


Functional Decomposition

Identify at least one item that can be used to subtract and operate: Instead of building a mixer to keep the concrete from drying up, we could use kitchen mixer tools.

https://www.amazon.com/Hamilton-Beach-62682RZ-Mixer-Snap/dp/B001CH0ZLE/ref=sr_1_8?crid=2X4NT6K6RUDIO&dchild=1&keywords=kitchen+mixer&qid=1599621072&sprefix=kitchen+m%2Caps%2C176&sr=8-8

Part	Component	Function
Auger	Extruder	To promote a steady flow of material when printing
Nozzle	Extruder	To provide outputs of different thicknesses
Tracks	Frame	For motors to run along to move the material feed system
Print Tray	Frame	Removable so print can be moved to a safe location to dry while machine is being cleaned
Bin	Reservoir	A place for the mixed solution to be placed. Will remain dry and constantly moving to reduce waste in materials.



I will bring post-it notes for the team's meeting tomorrow so we can map out our functional decomposition.