Requirement Brainstorming:

* Take in STL File
* Interpret STL
  + Identify Shapes
  + Identify Materials
* Slice shape into granularity
* Identify paths per layer
* Identify where support material will be printed
* Modular, scalable, Ext. Design
* Hardware Agnostic (abstract h/w interface)
* Simplistic GUI
* Storing and setting material properties
* Output printer instructions
* Hardware Responsibilities
  + XYZ motion
  + Read heat and position sensors
  + Controlling extrusion speed
  + Controlling head speed. (to coordinate with extrusion speed)
  + Variable temperature in environment and print head
  + Parameter based execution timing
  + Sparcity/Density Control