

1) *The subject of your project, including its title and what it is used for (only if it makes sense).*

Bionic Arm - Motorized Prosthetic Arm

2) *A picture of what your project is based on.*



3) *Why you have chosen this project; what aspired you?*

I'm really interested in the medical device industry and would love to work within the prosthesis section. So I decided that making my final project topic a more advanced prosthetic.

4) *The approximate number of parts you will be modeling*

~17

5 fingers - each finger will vary in length and have 3 moving components (thumb will have 2)

1 palm - this component will connect to the forearm as well as each finger assembly

1 forearm - this is the middle section connecting the hand to the bicep

1 bicep - this will be modeled with a patient that has their shoulder so it will attach there

