Design Step 2: Research the Problem Activity – Idea Web Example
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Problem Statement
Design a prosthetic hand that can perform one function that can help improve the quality of life an amputee.

Requirements
Must fit on right arm
Must cost less than $20
Must perform one function

Target Audience
amputee
Characteristic:
amputated right hand
Characteristic:
likes to play baseball
Characteristic:
13 years old
Characteristic:
female

Constraints
Must fit on right arm
Must cost less than $20
Must perform one function

Questions we have...
What function do we want this prosthetic to perform?
What is the size of the amputee’s arm?

What do different prosthetics look like?