

Clean Mean Veggie (Banana) Cutting Machine

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"It would help if you could chop onions **faster** so you're less exposed"

"the veggies end up **slipping** around on the cutting board or you end up with veggies in **uneven** pieces"

"...chopping vegetables takes **longer** than cooking the food"

Why us?

Cutting produce can be difficult and dangerous.
We want to find a safer way to cut vegetables
that is accessible to students.

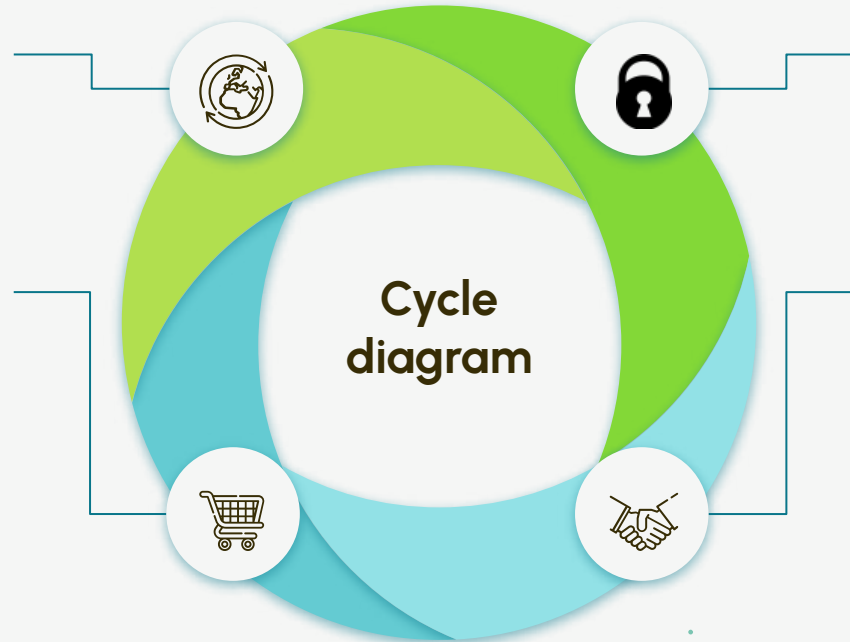
Our Core Metrics

Automation

Save the user time and physical effort

Affordability

Affordable pricing for college students



Safety

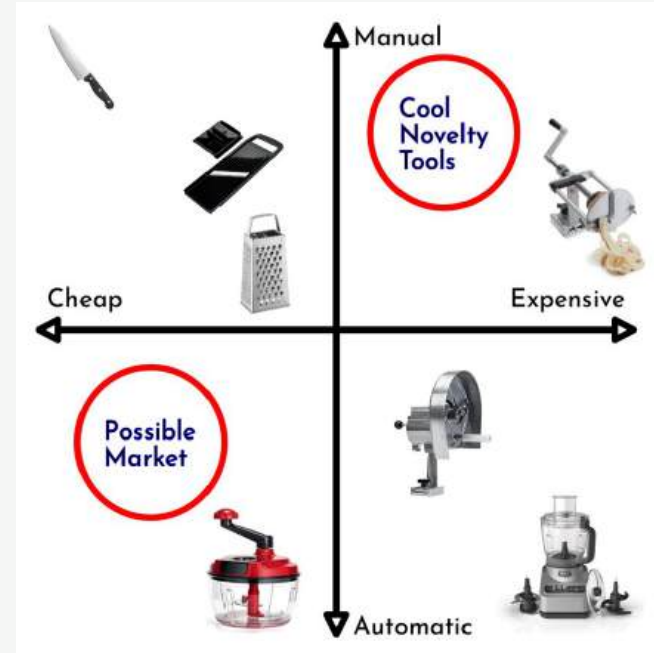
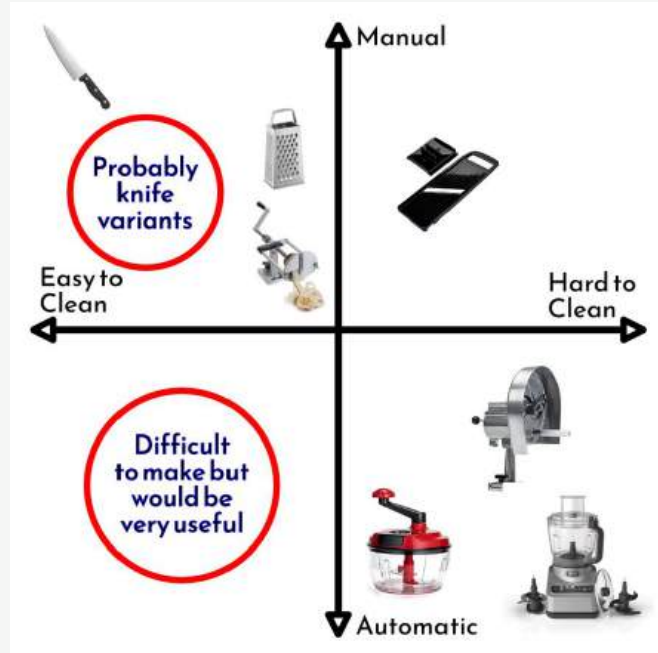
No exposed blades during use

Ease of Use

Simple to operate, disassemble, and clean

Target Market

The intersection of automation, easy cleaning, and affordability



Market Comparison



Food
Processor

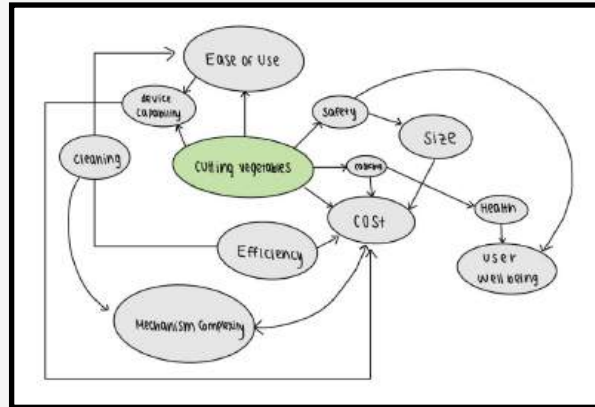
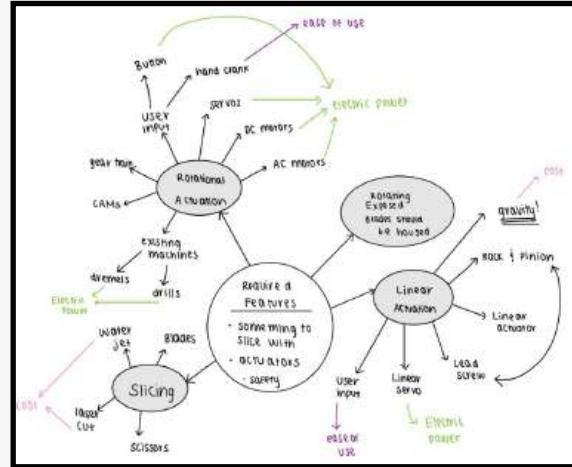
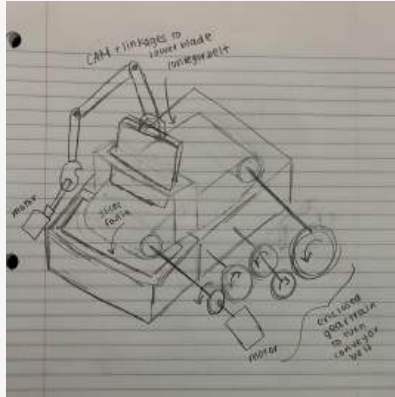
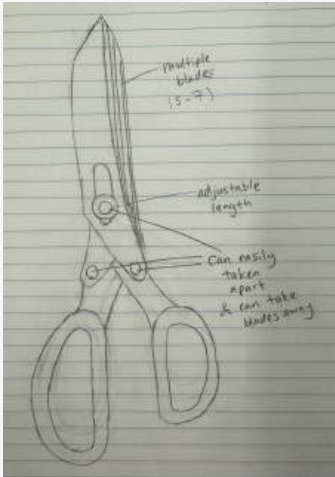
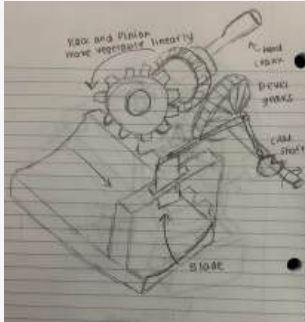
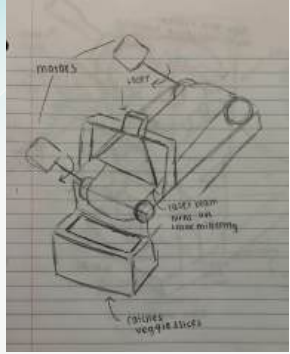


Rotary
Vegetable Slicer

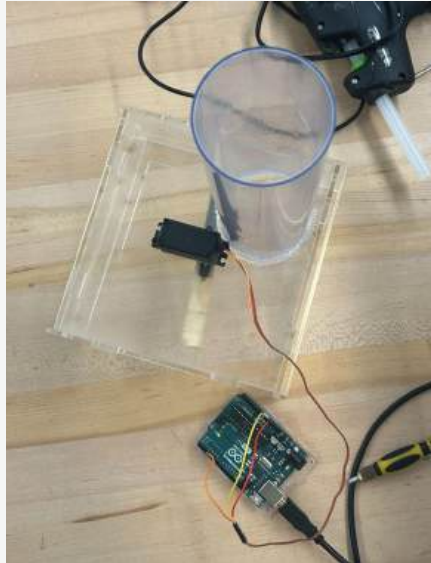
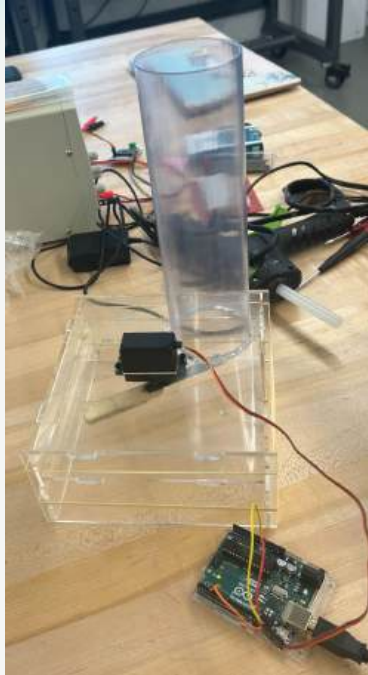


Veggie Hand
Slicer

Brainstorming and Prototyping



Initial Prototype



Pros	Cons
<ul style="list-style-type: none">• Transparency• Proof of concept• Testing platform	<ul style="list-style-type: none">• Loose tolerancing• Cube shape made machine space inefficient• Difficult to assemble

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Key Features

- Rotary blade (safety)
- Gravity fed chimney (automation) and backup plunger
- Removable chimney (potential for varying shapes and sizes of produce)
- 4 main components (easy disassembly and cleaning)



Thank you!

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