



Insta-Food



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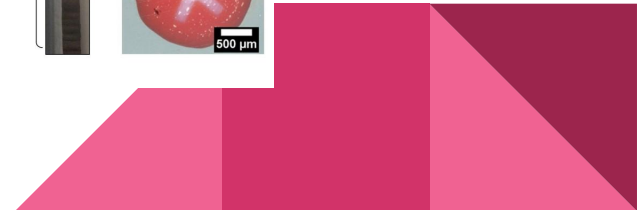
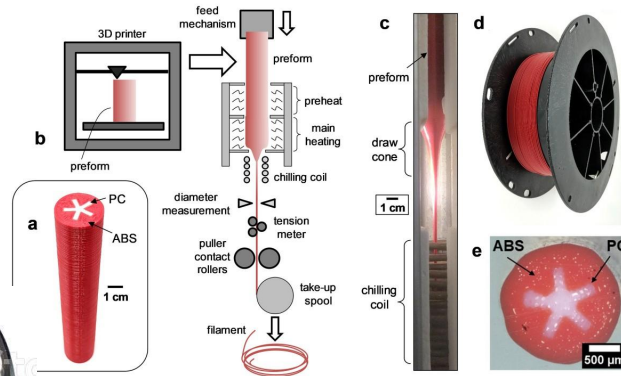
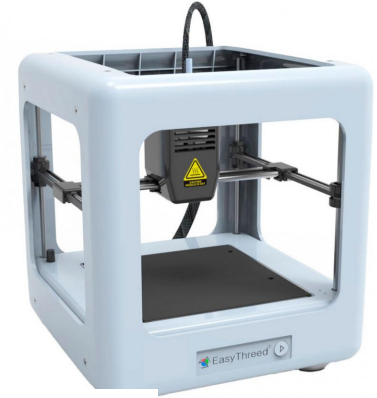


Project Description

- Goal:
 - create a machine that will instantly make food from close to nothing, similar to a 3D printer
- Uses 3D printer filament
 - The filament will be created for specific ingredients with corresponding flavors and coloring for the given food
- Computer System
 - Stores a variety of “recipes” that can be easily selected to print out
 - Each recipe will have the ingredients and shape stored in the data to print out the food correctly

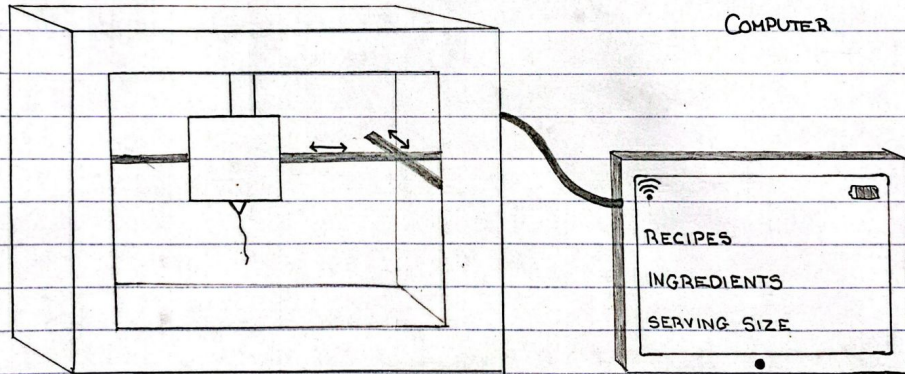


Project Sketch

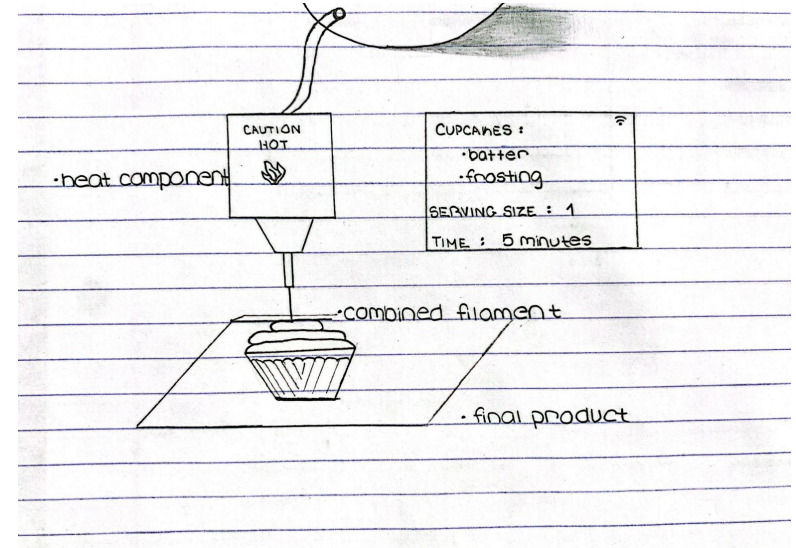


Project Sketch

3D PRINTER



COMPUTER



Project Components

- 3D printing machine
- Filament
 - Made in lab - lab grown food (artificial meat)
- Computer System
 - Recipes
 - Ingredients
 - Shapes and Structures for each food to be printer
- Ingredients mix together prior to being printed out
 - Ex: milk, eggs, flour filament - combine - creates a batter - batter is fed through - prints out



Marketing Plan

- Raise funding through crowdfunding
- Get on shark tank
 - Give up up to 15% of the company for shark tank
 - Great exposure on tv
- Run ads through social media
 - Includes pictures through twitter ads
 - video ads through tik tok and youtube



Project Budget / Unit

- 3D printing machine : \$2,000
 - Extruder cost: \$500
 - Manufacturing cost: \$800
 - Distribution: \$150
- Filament : between \$200 and \$500
- Ingredients: \$100 - \$200
 - To produce 1000g of solid
- Goal: Reduce cost with investor funding
 - Through more research, cost of production can be decreased as overall production increases



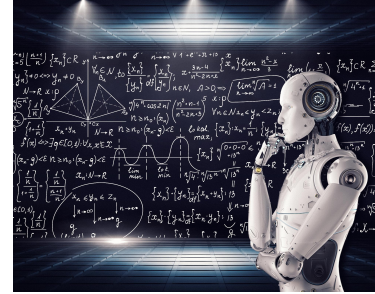
\$500M Request

Key Milestones

- July 2021 - Partner with local Costco
 - August 2022 - \$5M in total revenue
 - January 2023 - Launch 10th City
- 70M - Production
 - 30M - Advertising
 - 100M - Distribution
 - 100M - Research
 - 100M - Executive Pay



Possible Project Additions



- Use machine learning to create specific diet for the individual
 - Produce specialized diets for weight gain/loss
 - Workout plan/Meal Plan
- Makes it easier to create a meal and meal plan to control food portions resulting in less waste
 - 1.4 billion tons of waste a year
 - One third of all food produced in the world: approximately 1.3 billion tonnes is lost or wasted every year.

Inspiration



Project Impact

- Lab grown food
 - Using animal cells
 - Prevents killing of animals



What Will This Solve?

- Approximately 957 million people are affected by world hunger and this will help combat it.
- Agriculture is the leading cause of pollution in numerous countries. Therefore, this form of artificial farming will lead to less pollution.
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Questions?