



B-AROL-O / BeezzaAnts



&lt;&gt; Code

Issues 7

Pull requests 1

Discussions

Actions

Projects



main

BeezzaAnts / 3-beezza-ants / README.md



gmacario chore: refactor as required by tiny\_hack\_v1



af3b704 · 1 hour ago



51 lines (29 loc) · 2.48 KB

Preview

Code

Blame



Raw



# BeezzaAnts

**Smarter Pizza. Powered by Vision, Bugs, and Bots.**

An open-source swarm of buzzing bots and crawling code, powered by pizza, [FocoosAI](#), [Z-Ant](#), and [Arduinos](#).

This project was started during the [Tiny\\_Hack\\_v1](#) by the following team:

- [Gianpaolo Macario](#)
- [Gianfranco Poncini](#)
- [Alberto Castronovo](#)

For the detailed rules of the Tiny\_Hack\_v1 Hackathon please read [here](#).

## Project Description

**BeezzaAnts** is a whimsical-sounding but seriously useful **open-source** tool designed to help **pizza shop owners** ensure every pie that leaves the oven is *perfectly cooked and properly classified*.

At its core, BeezzaAnts uses **computer vision** and **low-cost Arduino-based sensors** to perform real-time visual inspections of pizzas immediately after baking. It detects:

- The **type of pizza** (e.g., Margherita, Pepperoni, Veggie)
- The **cooking quality** (well-cooked, undercooked, overburned)
- Any **irregularities** in toppings or appearance

The tool integrates seamlessly with a mobile application that allows users (e.g., staff or even customers) to:

- **Select the pizza type** they expect or prefer
- **View inspection results** in real-time
- **Receive alerts** when a pizza doesn't meet visual or cooking standards

Whether you're running a busy pizzeria or a cozy neighborhood joint, BeezzaAnts gives you **automated quality control** with a dash of robotic charm — no need to manually check every pie.

## Why the Name?

Just like a **swarm of bees and ants**, BeezzaAnts works tirelessly and collectively to analyze, inspect, and report — with the speed and precision your pizza deserves. And yes, *we also* love pizza way too much.

## Copyright and license

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