Robotic Lawn Mower?

I can but I won't.....

Laziness Innovation



Motivation

Value of Market

Lawn mowers market consist of residential and commercial users.

The residential sector is expected to emerge as the largest end-use segment.

The leading vendors in the market:

- Husqvarna
- Deere & Co.
- MTD
- Toro

Technology Advancement

- Full Automation
- Deep Learning
- Image Recognition and Processing
- Path Planning
- High Efficiency and Low Cost
- Time and Energy Saving

\$3B

Global Demand by 2023

17%

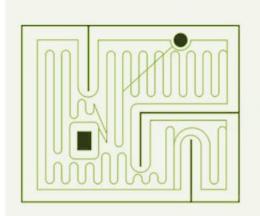
Robotic Lawn Mowers Market Revenue Growth Rate

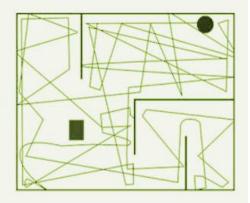
Technology and Feature

- Remove the set up wires entirely
- Automatically detect and identify obstacle
- Path planning based on path algorithm
- Deep learning

Smart Path Planning

- Full coverage
- Faster operation time
- less power usage

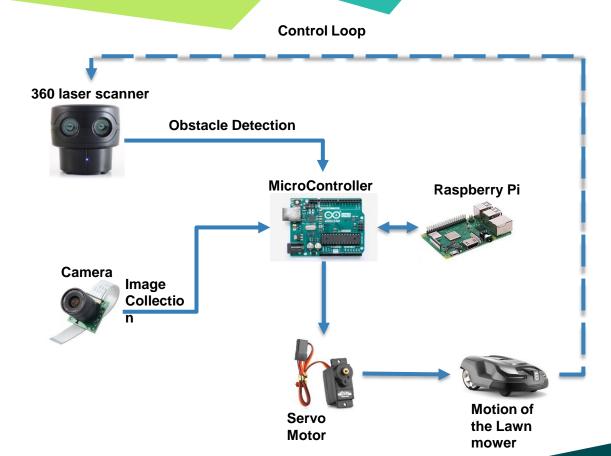


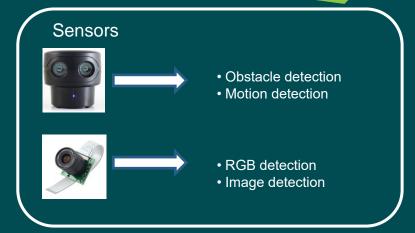


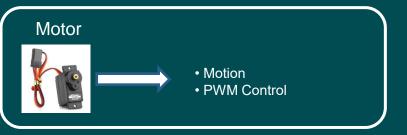
Random Path Planning

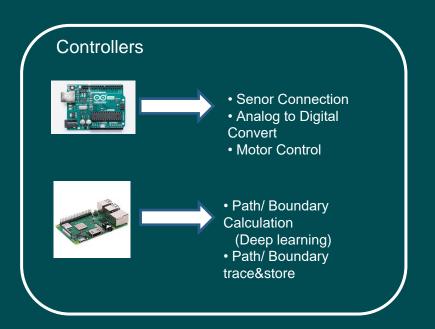
- Inefficient coverage
- Longer Procedure time
- Greater power usage

Overview









Target Customer



DELIVERY



Bronze

- No boundary wires
- Basic color recognition
- Randomized path





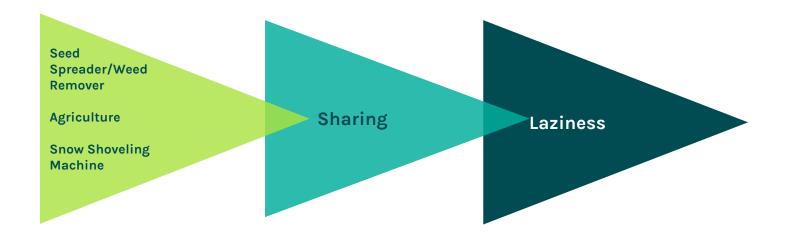
- Objects recognition
- Obstacles avoiding
- Basic safety features
- Path planning



Gold

- Advanced safety features
- More functions
- Blades design
- Higher Mobility

Bigger Potential





Thanks!

Any questions?