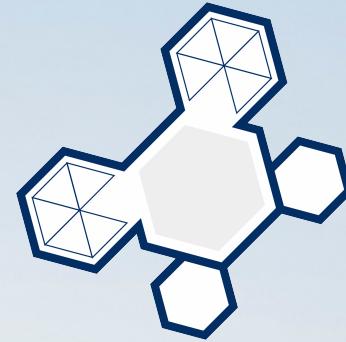


Microsoft®



BEEHIVE  
DRONES



# A JOURNEY FROM IMAGINE CUP

---

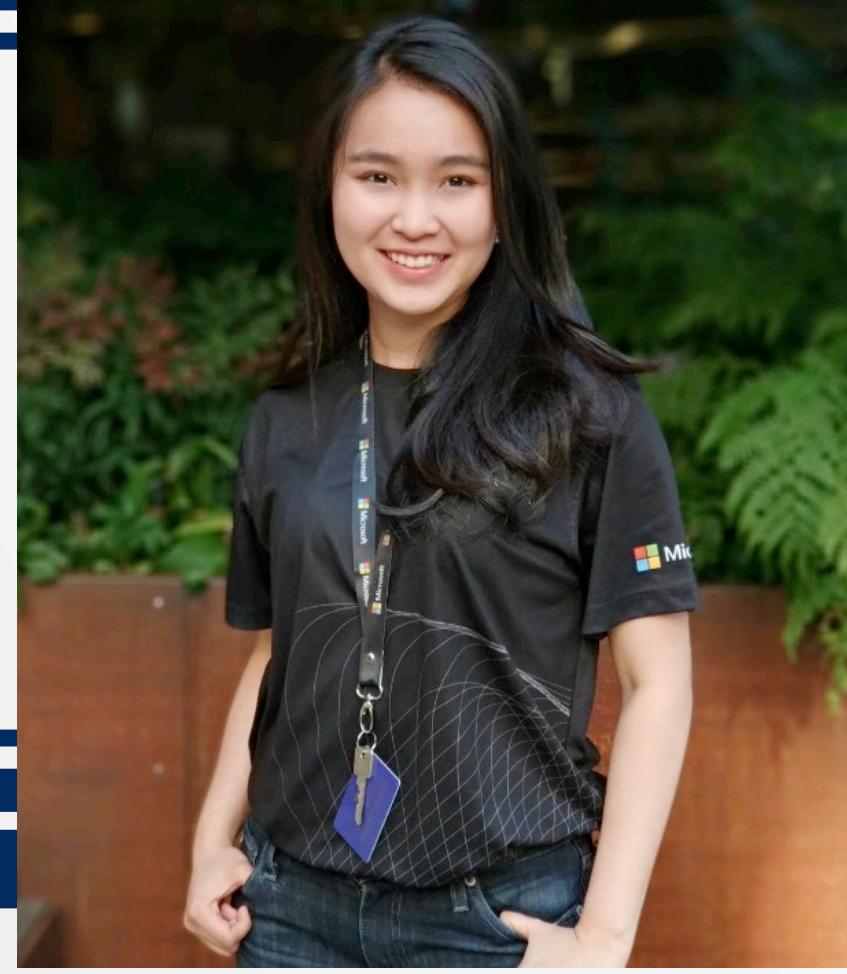
## TO A MILLENIAL FOUNDER







**Albertus Gian**



**Anindita Pradana**



**Hilton Tnunay**

# PROBLEM

**90% of Indonesia's farmers use outdated farming method**

- ☒ Inefficient
- ☒ Harm crops
- ☒ Damage the ecosystem
- ☒ Dangerous chemical exposure

**500++ Million farmers live below the poverty line** ([worldbank.org](http://worldbank.org), 2016)



# SOLUTION

- ❖ Reduce spending
- ❖ Reduce chemical exposure
- ❖ Lead to a healthier life



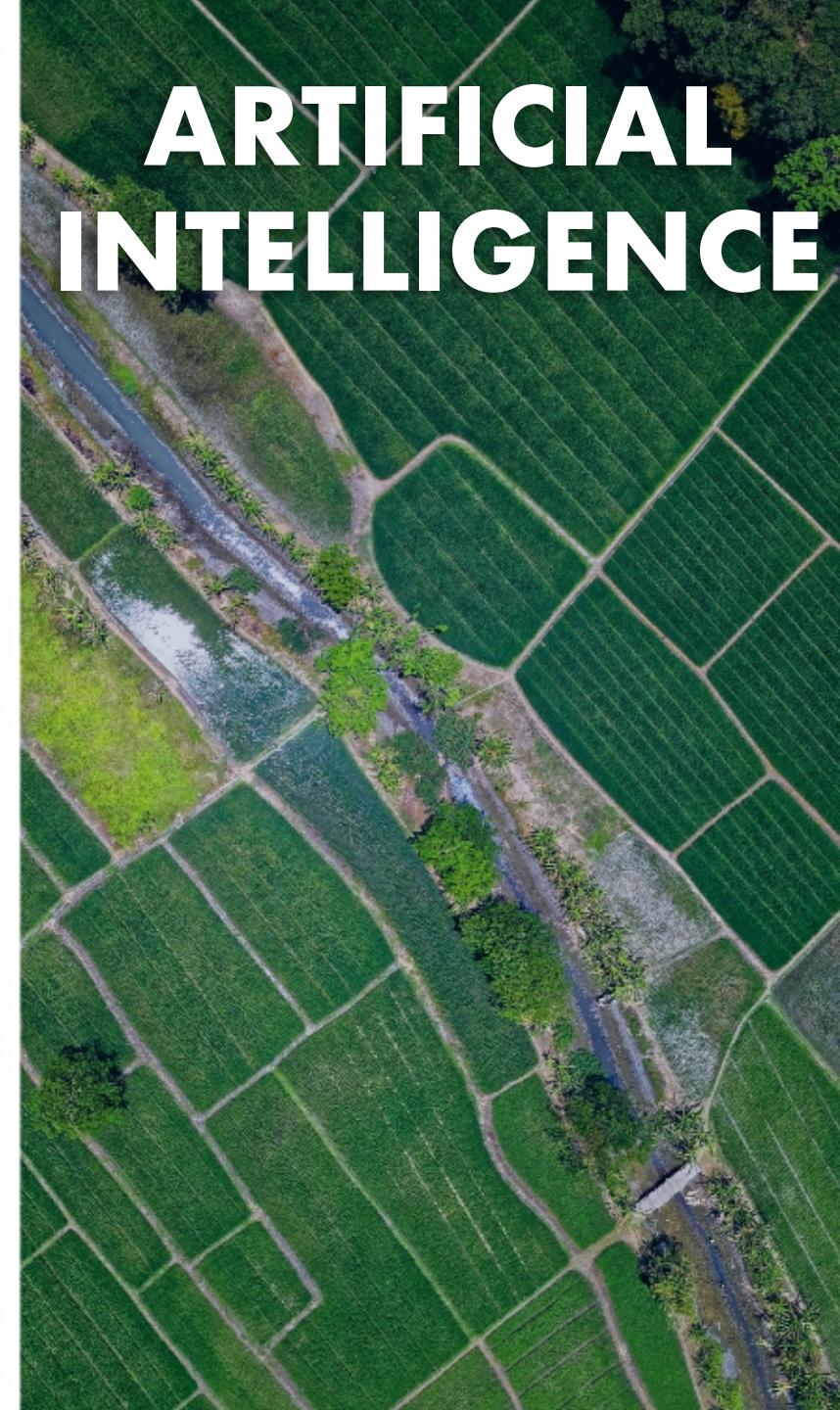
# DRONE TECHNOLOGY



# DATA ANALYSIS



# ARTIFICIAL INTELLIGENCE



# Imagine Cup X





**LOGISTIC**



**E-COMMERCE**



# **OUR CUSTOMERS**



**AGRICULTURE**



**MINING**





# Our Basic Services

 Drone Designer

 Surveillance System

 Drone System Developer

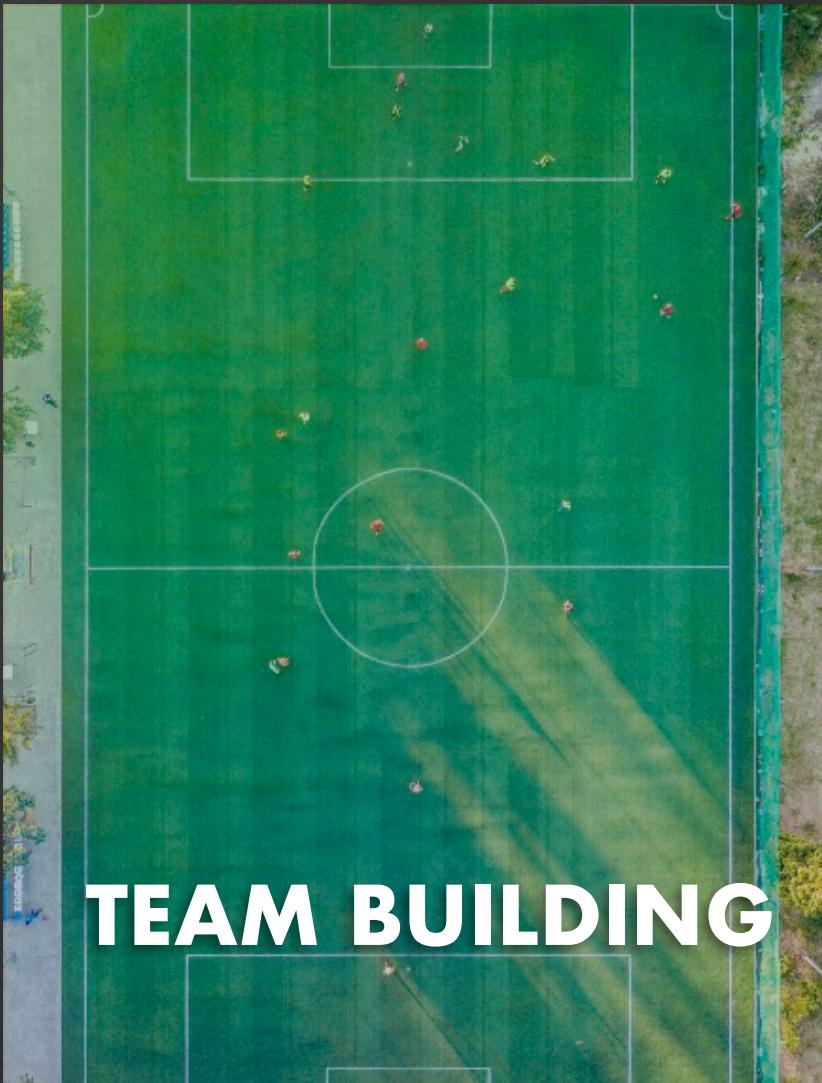
 Mapping & Remote Sensor  
Data Acquisition & Analysis

 Internet of Things Sensor  
& Devices

# THE CHALLENGES



RESTRUCTURING



TEAM BUILDING

```
ire File.expand_path("../..", __FILE__)
# Prevent database truncation if the database needs
# clearing.
require "rails_helper"

# This file should contain all the test cases for your application.
# See http://rubydoc.info/gems/rspec-rails/4.0.0/rspec/rails/example.rb for
# more information.
#
# The RSpec Test Framework
```

RESEARCH & DEVELOPMENT



# REVOLUTIONARY TECH



Established: June 20, 2006

## Microsoft Premonition

Established: March 2, 2015



The Microsoft Concept Graph logo features a stylized brain icon composed of various interconnected symbols, including a globe, a car, a rocket, and a book. The text "Microsoft Concept Graph" is displayed prominently in white, with "Preview" in smaller text to the right. Below it, the tagline "For Short Text Understanding" is shown.

# OUR ACHIEVEMENT





# BEEHIVE DRONES

“Redefining The Possibilities”