

# Final Presentation

ANIMO

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ANIMO

# Agenda

Introduction

Project timeline

Problem statement

Solution

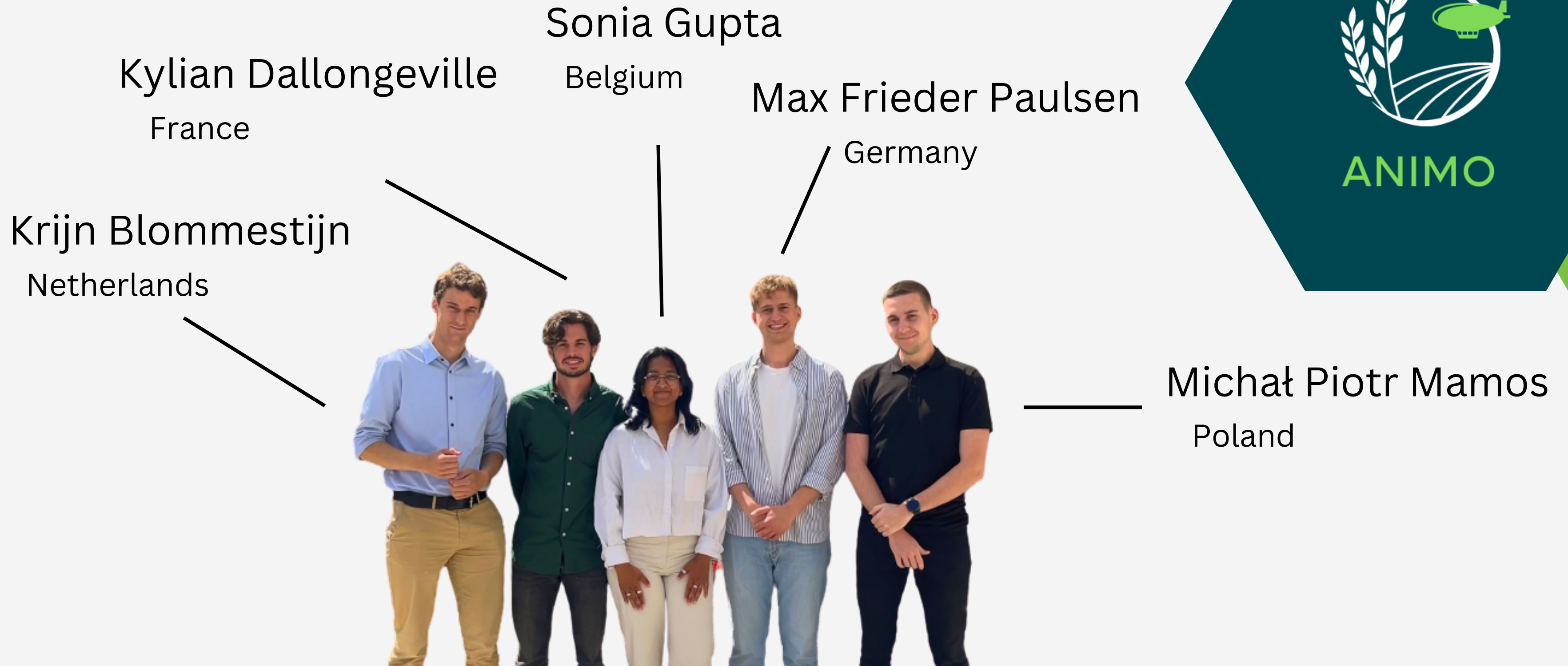
- Concept
- Design
- App

Prototype

Deliverables

Video

# Introduction





# Project Timeline



State of  
the art

Project  
management

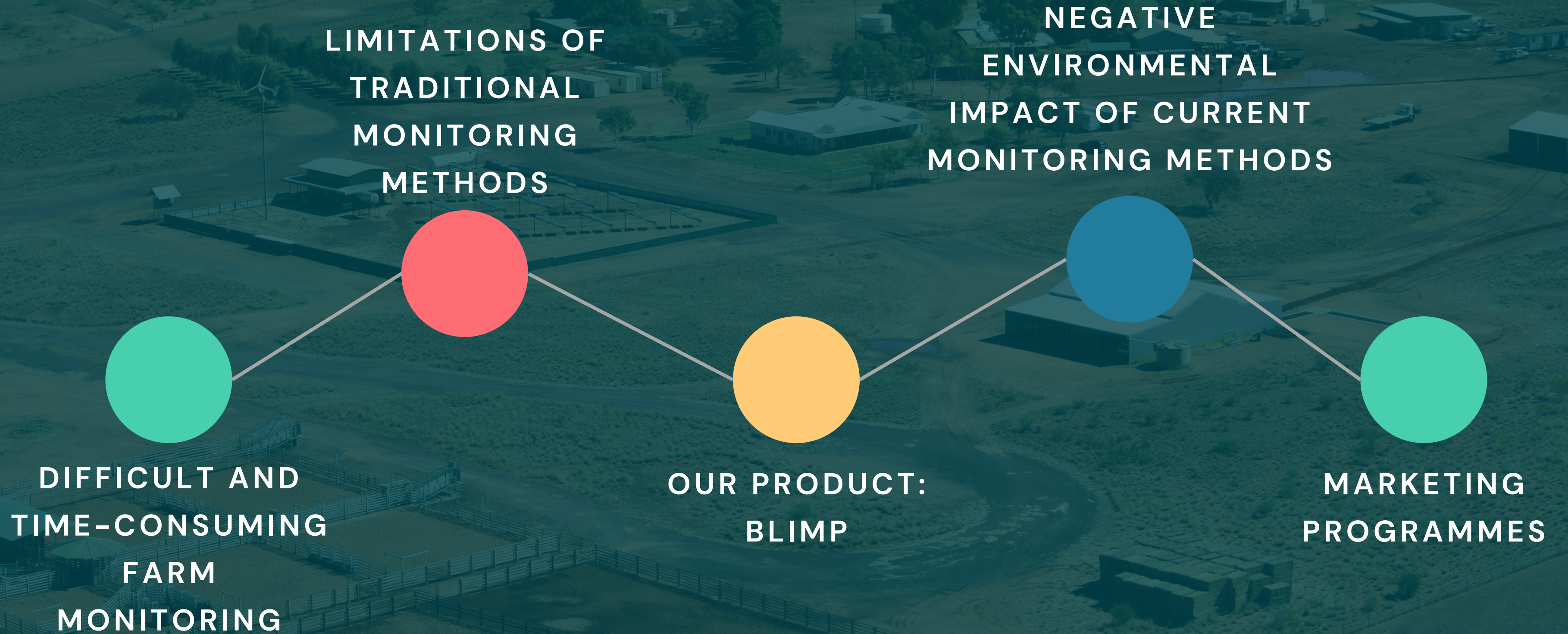
Marketing

Sustainability

Ethical and  
Deontological  
concerns

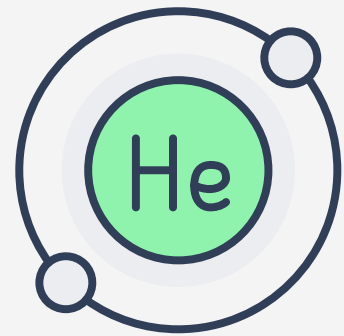


# Problem statement



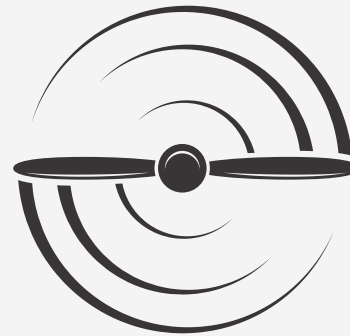


# Solution - Concept



**Lift**

Helium-filled Envelope



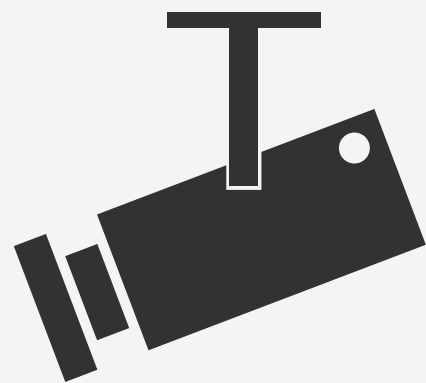
**Propulsion**

Propellers



**Use Globally**

Telecommunication



**Livestock Monitoring**

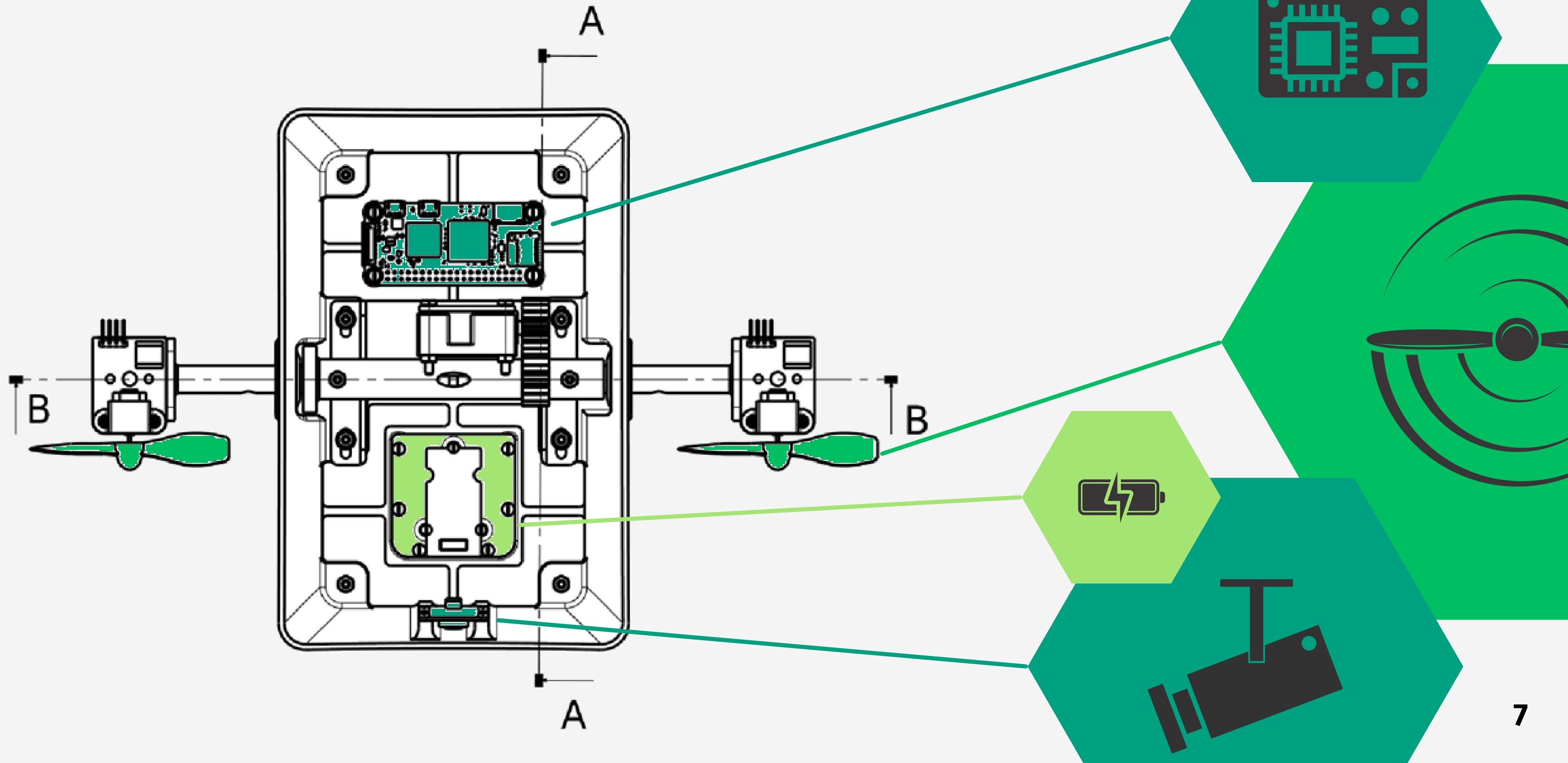
Video Camera



**User Interface**

Mobile App

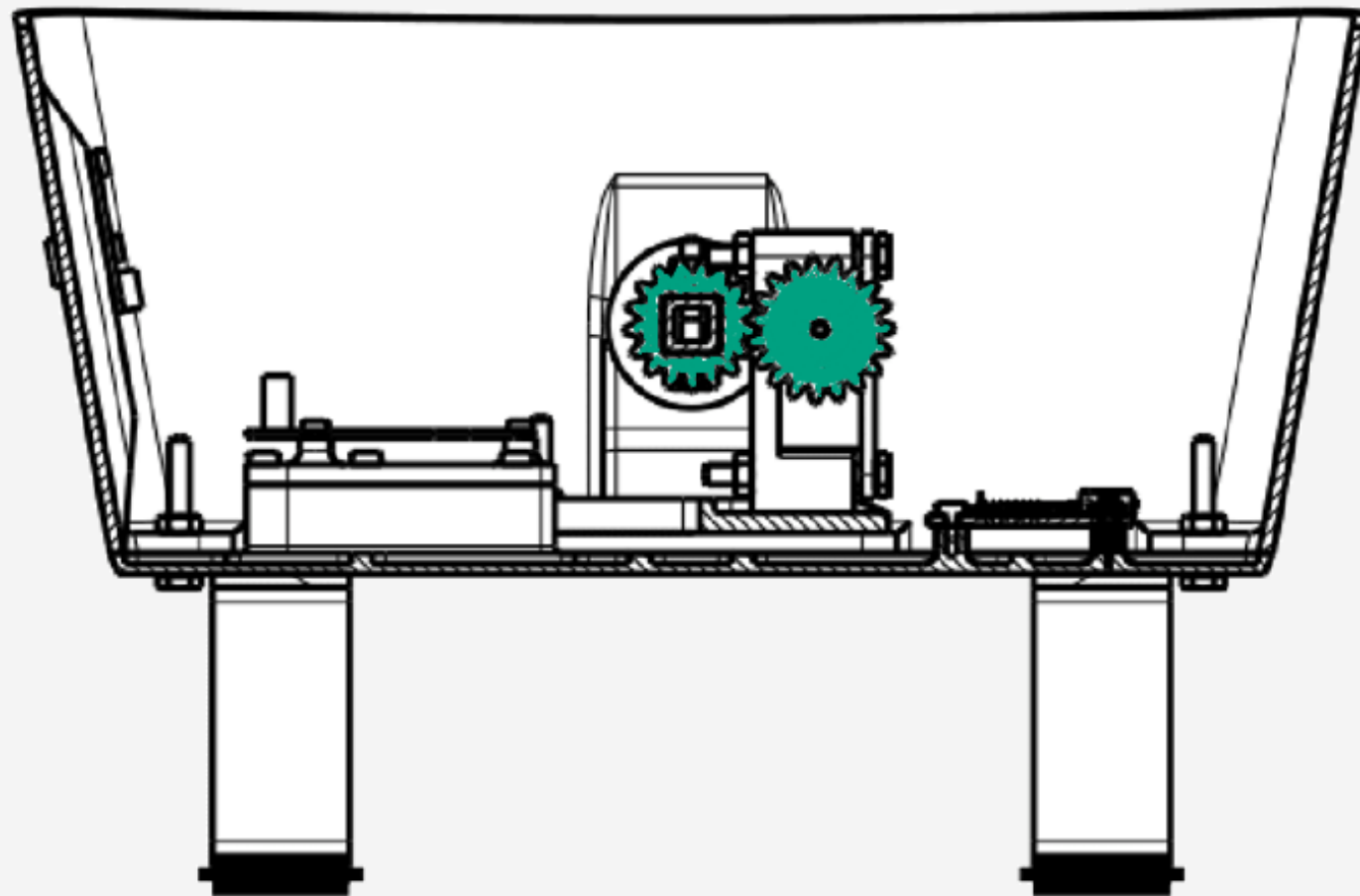
# Solution - Design



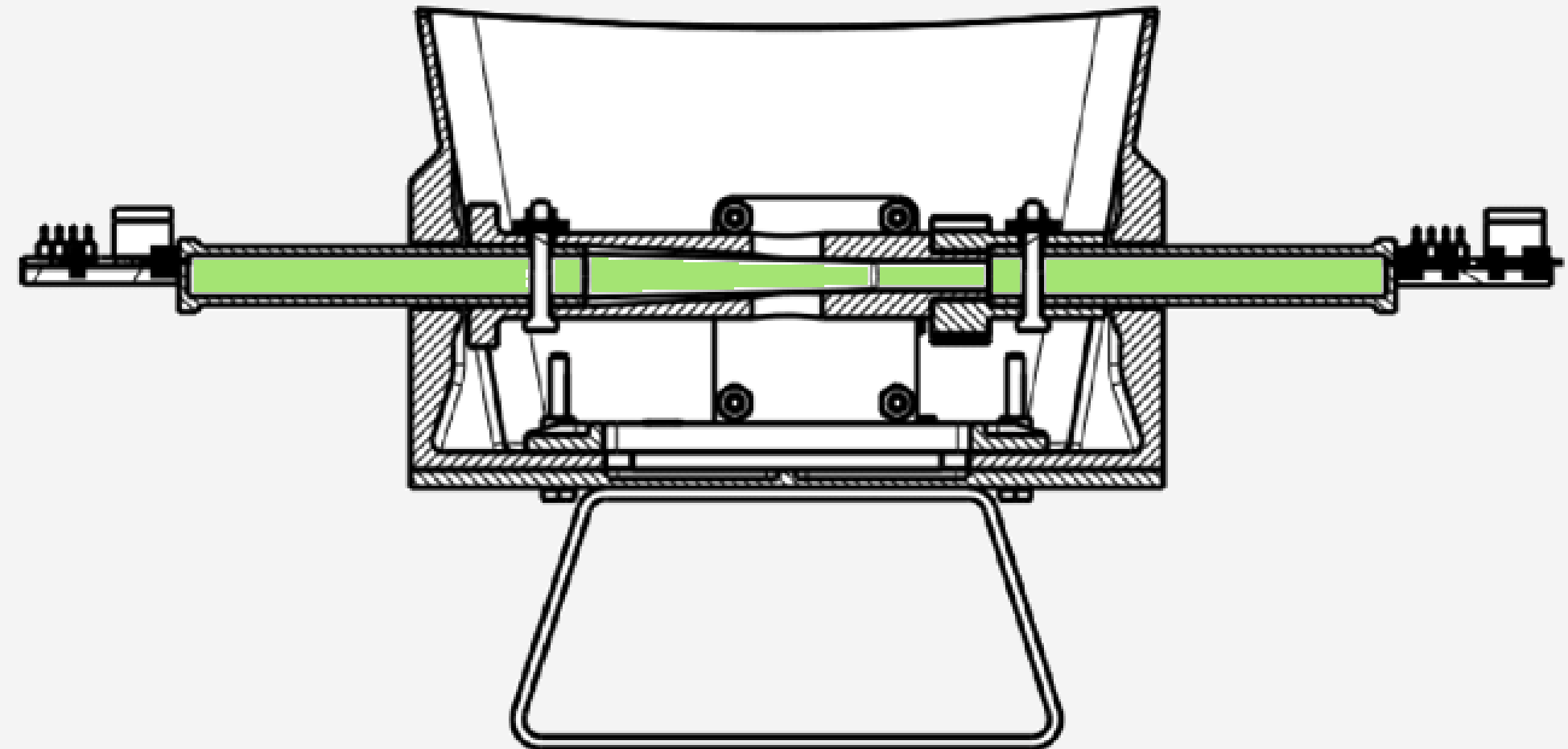


# Solution - Design

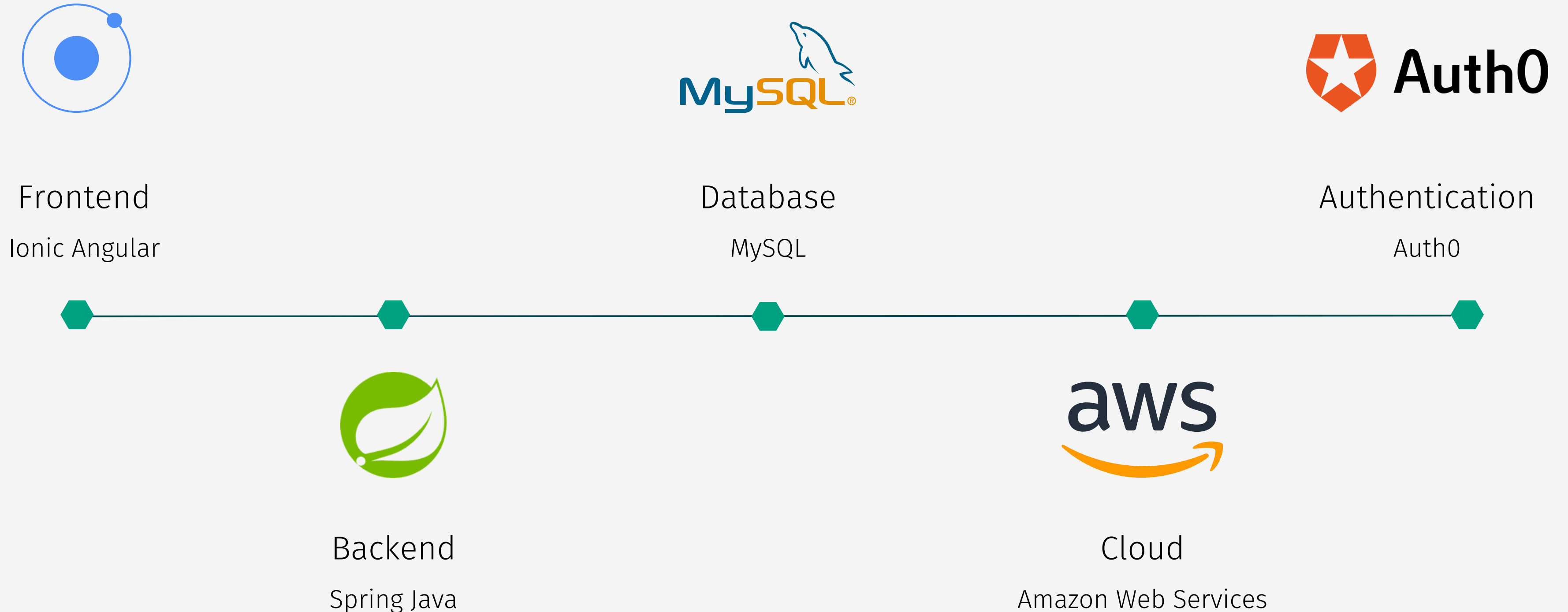
Sectional View A-A



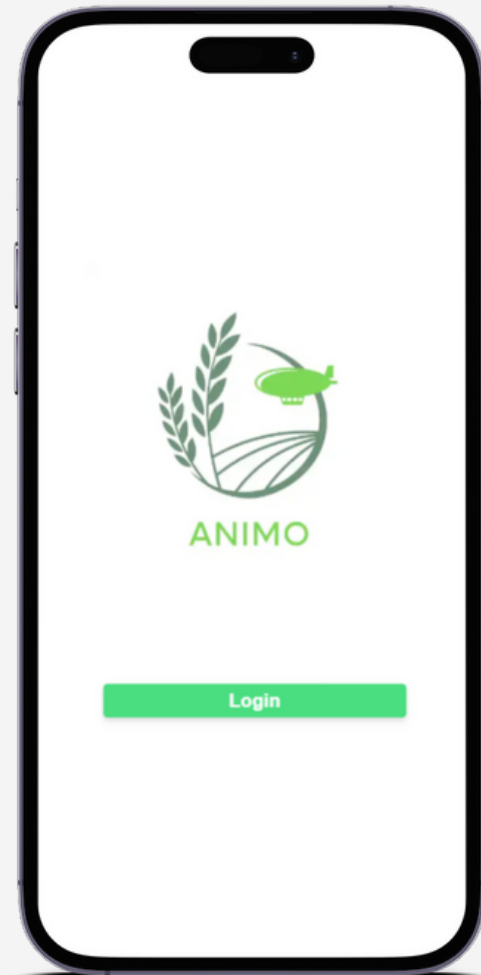
Sectional View B-B



# Solution - Software

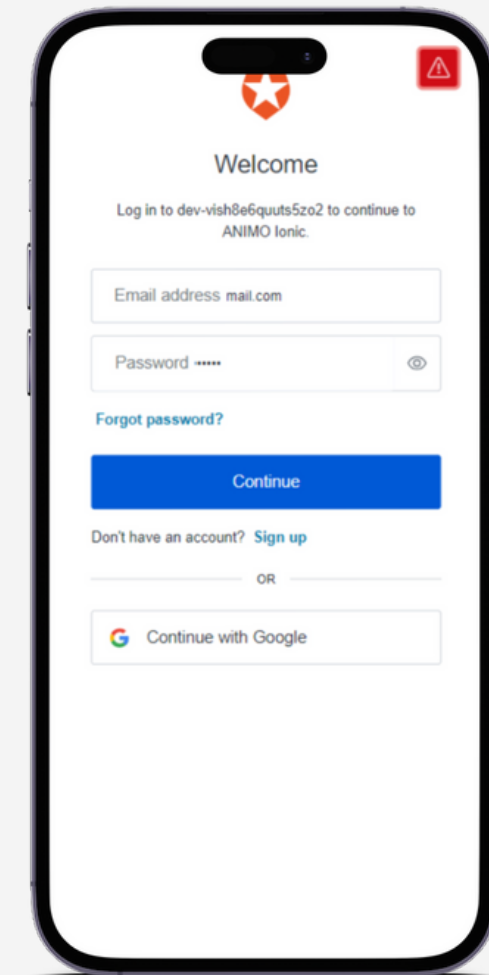


# App



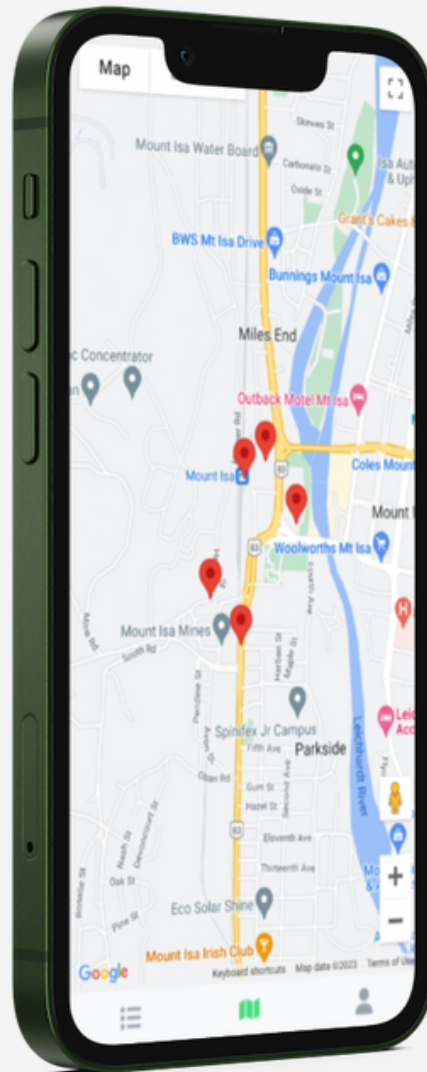
Login

Auth0

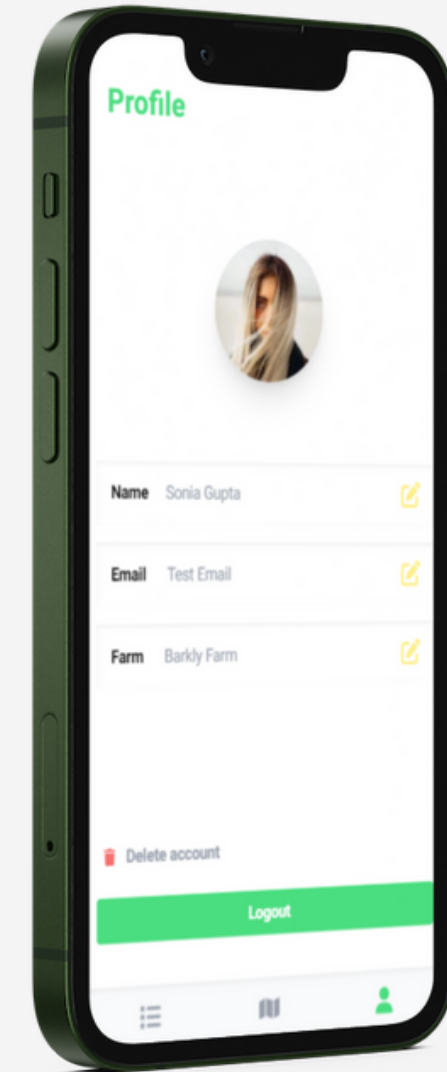




Main Map



Profile



Dashboard



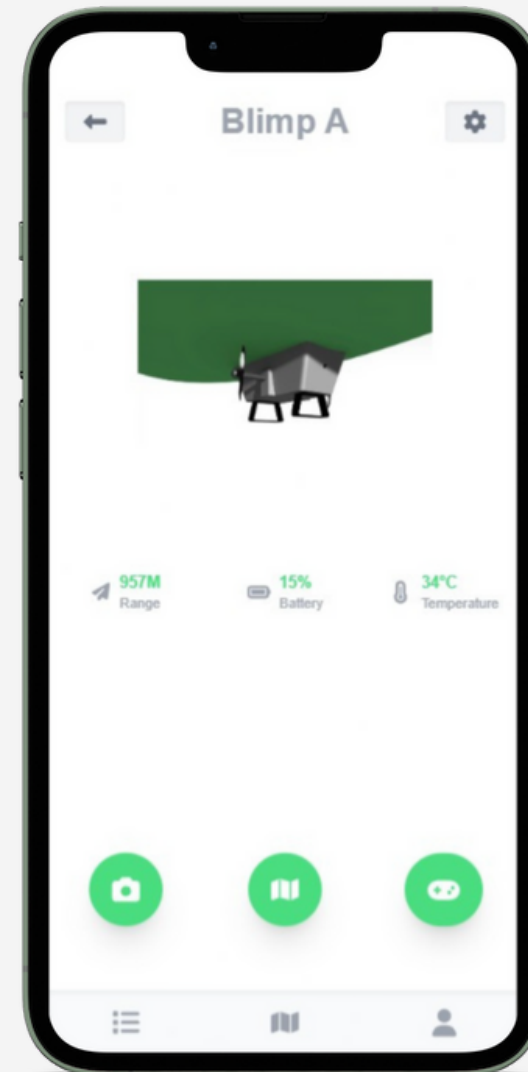
## Blimp Map



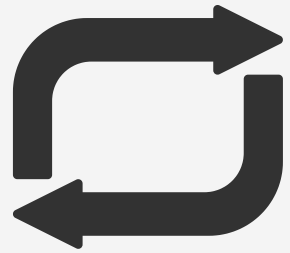
## Controls



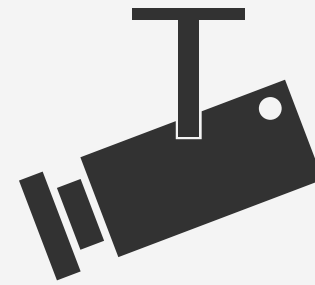
## Detail



# Prototype



No feedback control



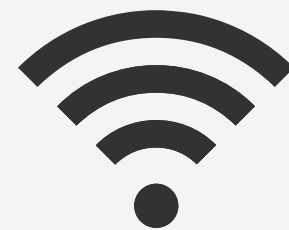
Less powerful camera



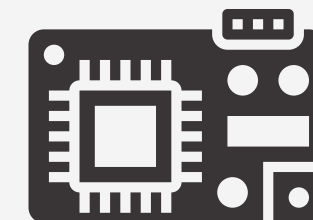
Heavier battery



Data transfer via WiFi



Less powerful micro computer





# Leaflet







### History

We are a group of 5 energetic and youthful people that founded this business that specializes in building outdoor blimps for tracking the activity and movement of animals on sizable farms.

We saw a need for a more efficient and effective way to monitor the health and wellbeing of farm animals, which led us to develop our outdoor blimps. With our expertise in technology and design, we created blimps that are equipped with advanced cameras and real-time data analysis capabilities. These blimps offer unparalleled insight into the conditions of farms and the behavior of animals, allowing you to make informed decisions and take quick action when necessary.

**Blimp**

Our blimps can fly at heights of up to 500 feet, providing you with an aerial view of your farm's animals without causing any disturbance.

With our outdoor blimps, you can:

- Monitor your animals' movements and behavior patterns to ensure they are healthy and well-fed.
- Detect potential issues early and take preventive measures to protect your animals from disease outbreaks or other threats.
- Save time and resources by covering large areas of your farm quickly and efficiently.



### "An Eye In The Sky"

Our outdoor blimps are perfect for all types of animal farms, from small family-owned businesses to large commercial operations. By investing in our monitoring solutions, you can improve your farm's efficiency, ensure the safety and well-being of your animals, and achieve better results in your livestock farming.

Contact us today to learn more about our outdoor blimps and how they can benefit your farm of animals.







A large, green, teardrop-shaped blimp floats in a blue sky with white clouds. A small, grey, four-rotor drone is attached to the bottom of the blimp. A bright, circular light emanates from the drone, illuminating the ground below.



The logo features a green laurel wreath encircling a small black blimp icon. Below the wreath, the word "ANIMO" is written in a bold, black, sans-serif font.

### LIVESTOCK MONITORING SOLUTIONS

To help Australian farmers manage and monitor their big livestock farms, Animo came up with a solution of livestock monitoring blimps. A blimp-based solution is a game-changer for Australian farmers, giving them a practical and effective way to run their huge animal farms and maintain the health and well-being of their cattle.



A smartphone screen displays a control interface for the blimp. It features four green directional buttons (up, down, left, right) arranged in a cross pattern. Below these buttons is a "Mode" label and two circular buttons: a green play button and a grey stop button. The background of the app interface shows a green field with black cattle.

### CONTROL

Farmers can simply access the cameras on their blimps with the smartphone application. They can also use the app to examine a list of all the blimps and to control the blimps directly.



A row of social media icons for Facebook, Instagram, and LinkedIn, followed by the word "ANIMO" in a bold, black, sans-serif font.







# Thanks for listening!

Questions?

