



# **HAPPYPAW: AN IOT-BASED INTELLIGENT DOG FEEDER SOLUTION AND MONITORING**



# MEMBERS



STANLEY SOQUES



MISHALAIN MANGUIAT



RICARDO LANZOROTE



# PROBLEM STATEMENT



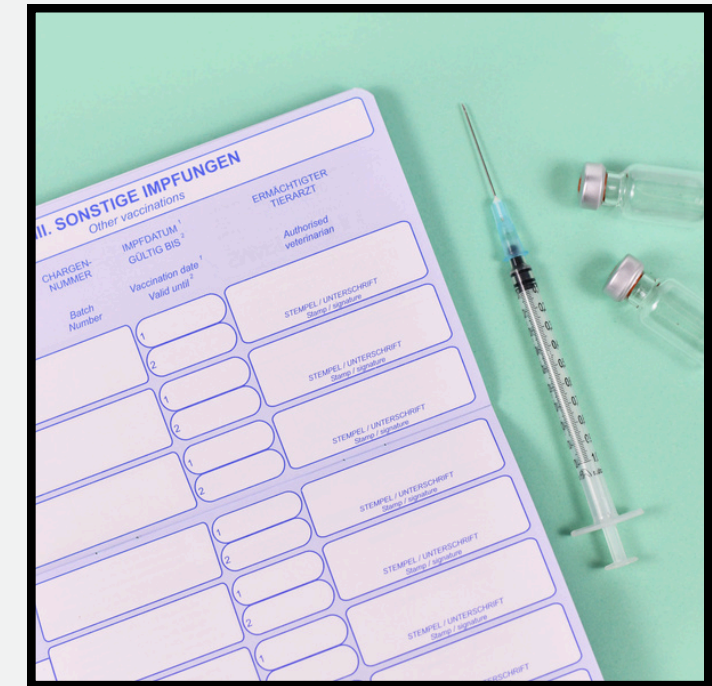
BUSY SCHEDULE



INCONSISTENT  
FEEDING SCHEDULE




IMPROPER  
PORTION SIZE



VACCINATION SCHEDULE



## **WHY IS IT IMPORTANT?**

- ensures consistent and timely feeding for Dogs.
  - allow dog owners to manage feeding schedules.
  - receive alerts about their dog feeder
  - data tracking feature helps monitor Dog Feeding Habits
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# OBJECTIVES OF THE STUDY



CONSISTENT FEEDING  
AND HYDRATING



MOBILE APPLICATION

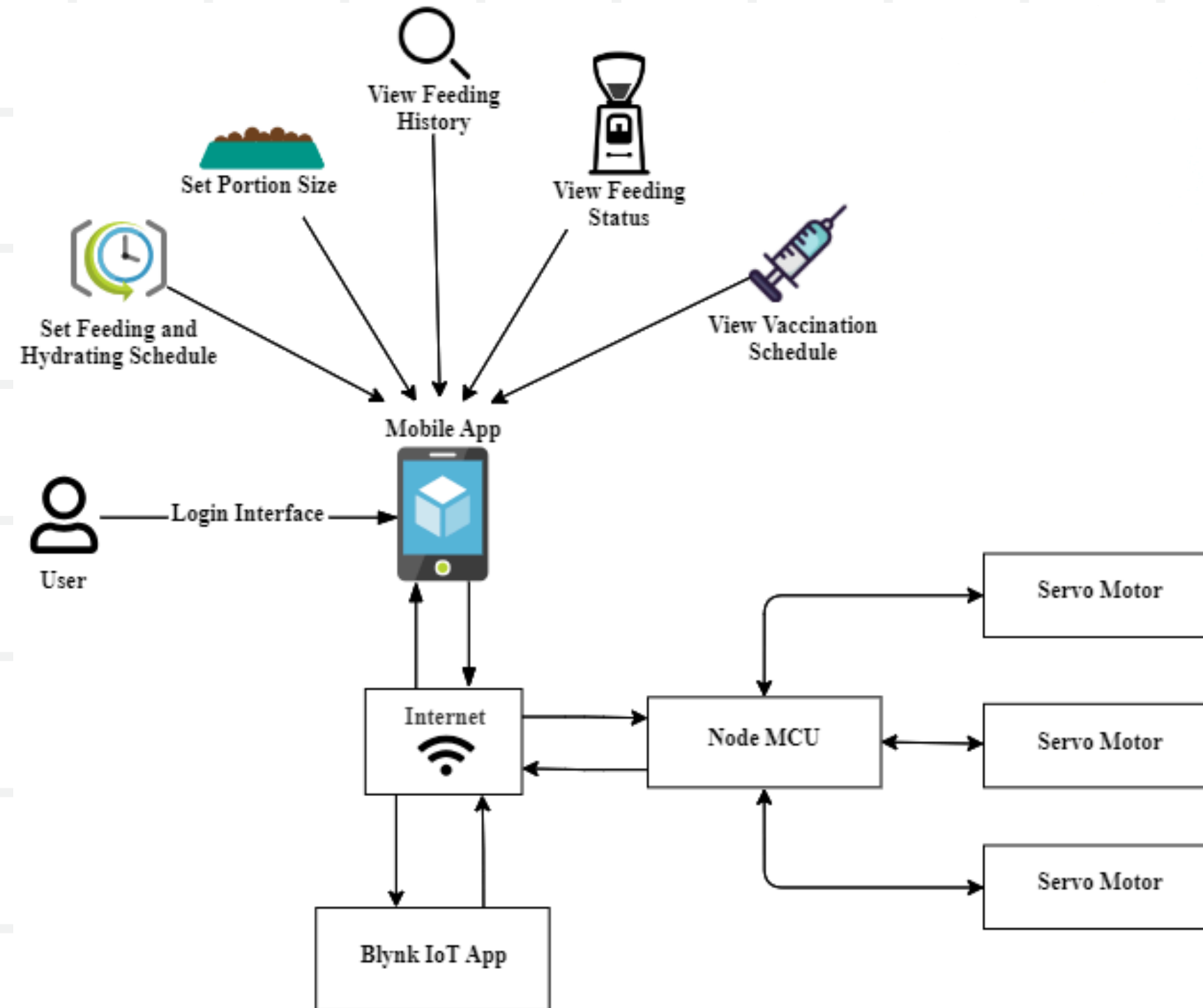


AUTOMATED FEEDER



VETERINARIANS  
AND DOG OWNERS

# SYSTEM ARCHITECTURE



# FUNCTIONALITY

- Automatic Dispenser for food and water
- Vaccination Schedule
- Feeder Alert
- Interval Feeding
- Portion Control
- Customizable Feeding Time
- Live Cam

# THANK YOU

