







Problem Statement

Livestock Health Management
Platform: Develop a digital system for
monitoring livestock health,
insemination schedules, and
personalized care, improving animal
welfare and farm productivity.

Literature Survey

Some reference apps: Ranchr,
 AgriWebb, Herdwatch,
 Cattlemax, Stock Move Express

Key features of these apps:

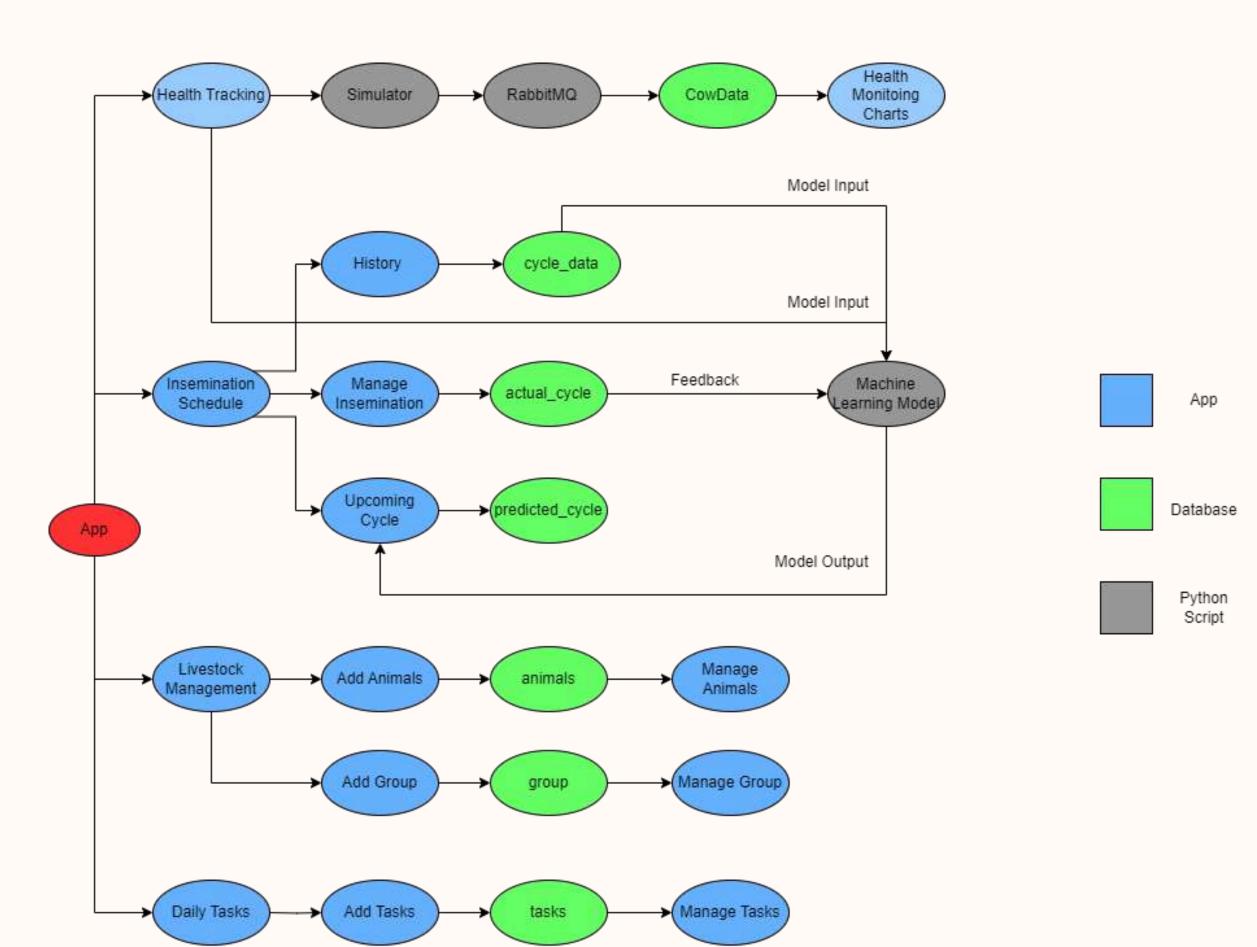
- Animal identification and tracking
- Health records
- Production data
- Financial management
- Reporting and analytics







Workflow





Choose Your Preferred Language

English

தமிழ்

తెలుగు

हिन्दी

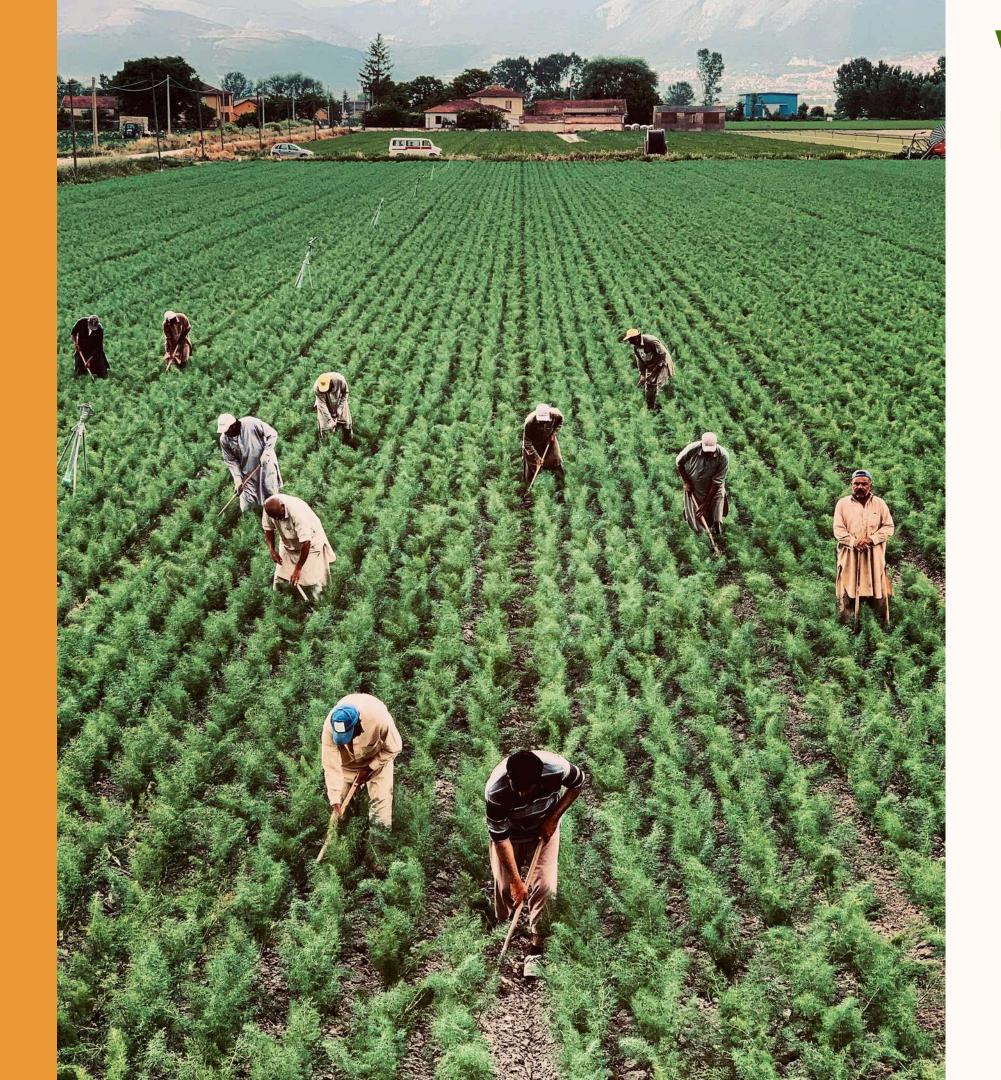
বাংলা

मराठी

മലയാളം

कोंकणी

Demonstration of prototype



What Makes Us Unique

- Regional Languages
- Constant Feedback to Improve the Machine Learning Model
- Centralized Data Management
- Algorithm for Estrous Cycle Prediction
- Mobile Application Interface
 - Real-Time Alert Notifications
 - Comprehensive Data Logging
 - Health Monitoring
- Easy integration with existing technology



Affordability · Availability · Accessibility





Future Scope

- Offline app usability
- Disease diagnosis
- Miniaturized biosensors
- Pregnancy tracking for animals
- Connectivity to vet doctors
- Behavior Analysis of livestock

