Global Milk Monitoring System
(Find ID)
Cow Control

Diet → Calf → Heifer → Pregnant Heifer → Cow → MILK

People
Monitoring System Objectives

- Health, Productivity & Proper Animal Care.
- Raw Milk Logistics & Recycling.
- Raw Milk Laboratory Analysis.
- Requests from Consumers in Stores.
System’s Architecture

- Herd Monitoring Module
- Milking Monitoring Module
- National Interstate Document Control Module*
- User Management Module
- Veterinary Control Module
- Genetic Expertise Module*

* Need to be done
Identification system based on NFC technology

MicroChip

Reader

Mobile App
(Android & iOS friendly)
AGRO.AI

Automatic report to the verifier

Milk tank in the farm
The volume of milk poured from the tank into the milk tank coincides with the volume of the current milk yield.

Milk tank in the factory
The volume of milk at the exit of the milk tank truck within the limits of permissible values.

Volume exceeded

The seal is torn off

Milk tank truck
The seal is in order

Recycling
The standards for processing this batch are within acceptable values.

Norm exceeded

Find ID
Raw Identified milk
Real Time transaction System Screenshots
Our Mentors

- Ministry of Agriculture of Tatarstan
- Main Breeding Enterprise of Tatarstan "Elite"
- Veterinary Service of Tatarstan
- Kazan State Academy of Veterinary Medicine
Thank you for your attention!

Developed in Tatarstan to make the World better!

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