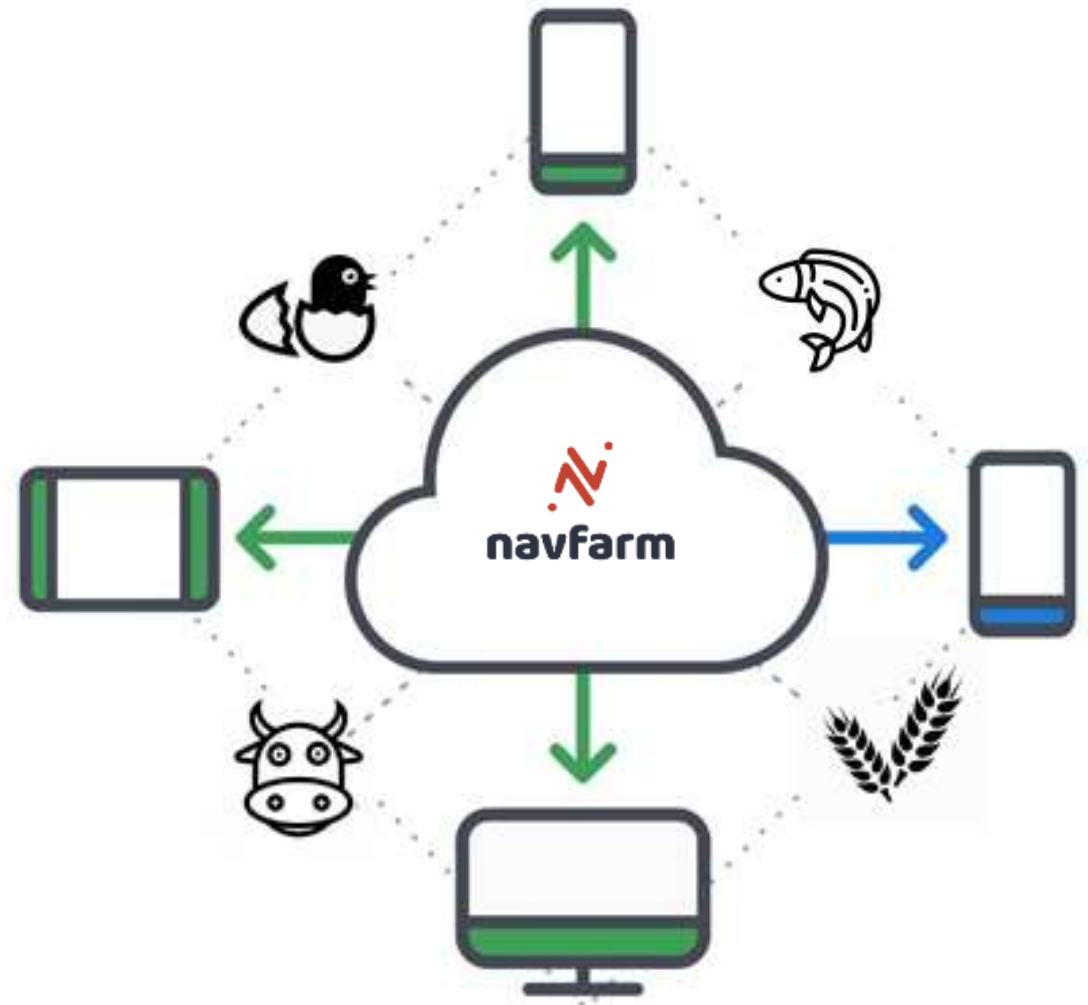# USE MODERN CLOUD FOR MANAGING

FARM OPERATIONS

Disrupt. Include. Grow

navfarm

SOLUTION OVERVIEW

Aquaculture has been one of the most traditional farming from initial days of human civilization.

Despite being a primary source of earning for many, yet the sector has been un-structured primarily due to lack of awareness, education and innovative apps to effectively manage business needs at large. Adding to this, all the devices or application available are less affordable and complex for the user to use.

Navfarm is the solution you are looking for!

Most people don't understand that using traditional methods is slowing down their business processes. Of course, all your time will go into maintaining records. Navfarm helps you seamless farming' functioning, navfarm can help you manage your farm strategically & pragmatically.

Why NAVFarm is Important

- **Business Continuity:** Remove silos with integrated processes across departments. Access information from anywhere and update on fingertips.

- **Stay Focused**: Stay focused and work productively with configurable role-tailored centre that shows information pertaining to your job role.

- **Business Anywhere**: Access through any mobile devices on the move. Adapt global practise, improve performance and decision making.

- **Lead with Cloud:** Benefit from system scalability and business agility while enjoying the universal farm application.

- **Advanced Protection:** Security measures like device binding, offline synchronization, audit trails, data encryption, automatic regular backups, ransomware protection, etc.

- **Available on Common platform**: Available for download on App store (Android & Apple)
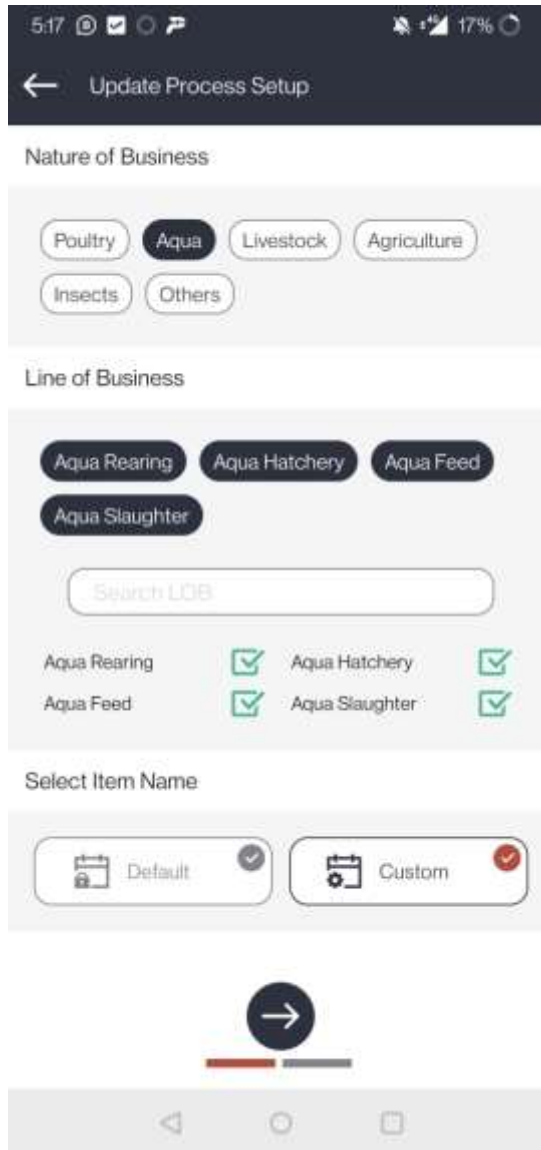
Easy Record Keeping

Shoal Tracking

From Egg to Harvest

Cross Device Compatibility

navfarm

UNIVERSAL FARMING

Navfarm helps you manage your aquaculture cycle. Using comprehensive, integrated fishery management software enables you to optimize your entire farming process, helps reduce costs, and manage your operations efficiently.

You can have incomparable visibility & control over all variables involved in the operational process, including quality, cost, volume, scheduling, and profitability. Keep track of your entire fishery farming business, from controlling feed to hatching, breeding to rearing etc.

- Fertilization: Keeping a track of pre-treatment and capturing of eggs (Internal/External)

- Incubation: Incubated eggs in isolated environment, with recording of temperature, humidity & ventilation

- Rearing: Larval development is the most critical phase within aquaculture production and when the highest mortality rates can reach up to 70%.

- Grading: Before transferring the fish in nursery or deep water, its important to grade your fishes

- Harvesting: Once the fish has grown to a sustainable size, its important for them to be transferred to manufacturing facility.

- Storage: Information on storage of grown fish on post harvesting storage in drums, silos or warehouses

FEATURES

Business Masters

Farm Register

Daily Farm Entry

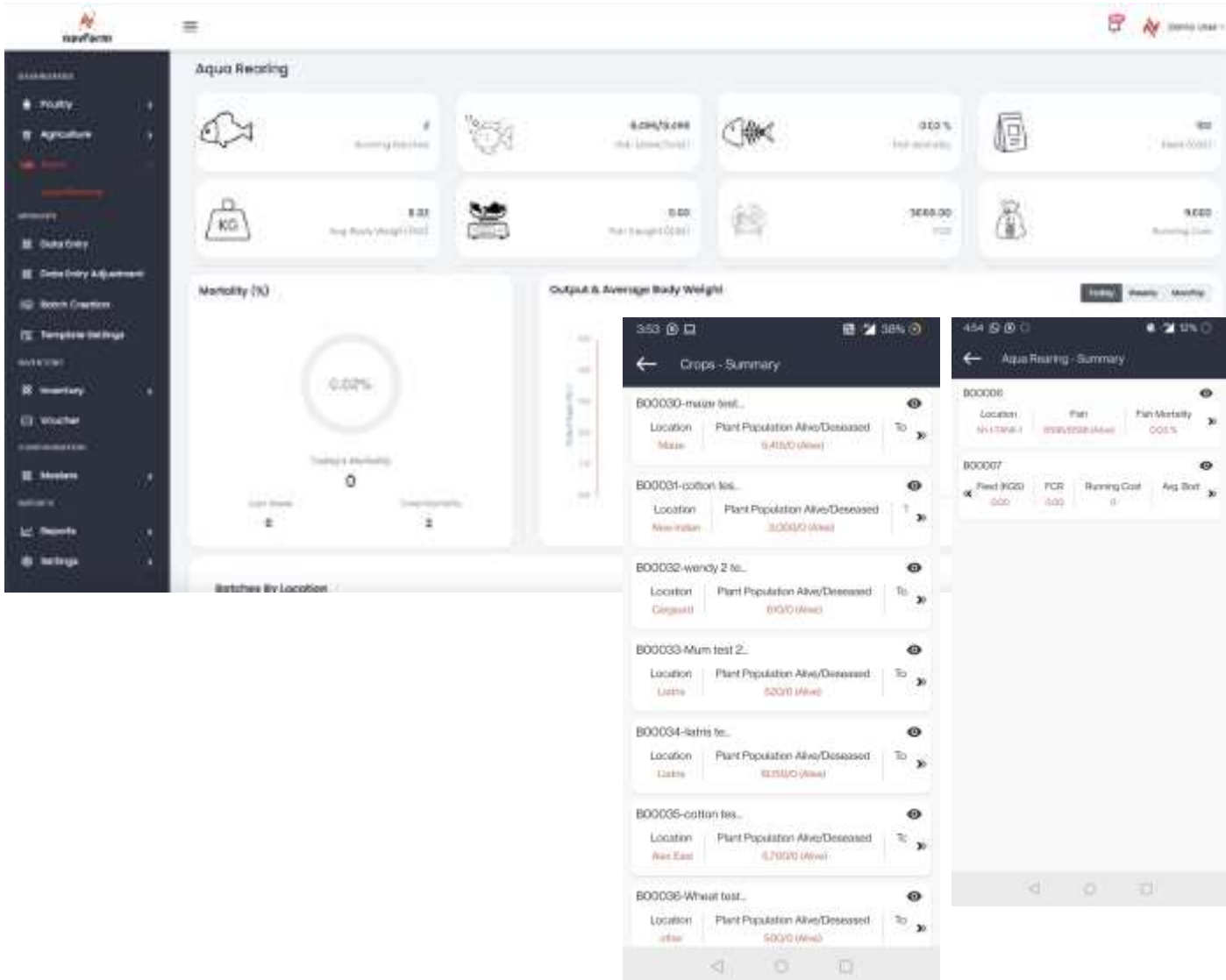Voucher Management

Alerts & Notification

Parameters Monitoring

Inventory Management

Farm Reports

navfarm

FARMERS DASHBOARD

Move to the faster cloud more easily with no configuration hazels. Easily get the complete picture of your farm operations.

Navfarm is a modern cloud-based universal farming application that provides comprehensive functions and features to grow your farm business.

Available over the web and mobile enables owners and supervisors to work role specific and ensure streamline operations.

Our Cloud application is highly scalable and runs on our GenX cloud infrastructure, giving you unmatched speed, security, and continuity—for organizations of any size.

DEFINE YOUR OWN MASTERS

Defining masters is important to control and represent data in structured manner.

Navfarm helps farmers in defining masters like Breed, Location, Sub Location, Farm Area, Item Master etc.

Importantly define any and all parameters based on nature like Inventory Consumption, Overhead, Descriptive or Output.

This eventually helps in reducing duplicity and manage multiple farms at same time
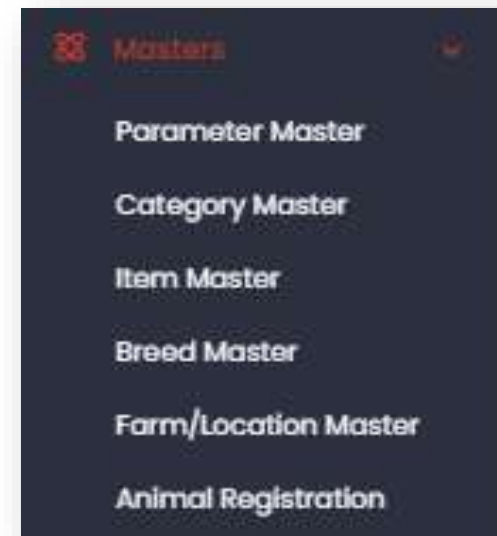
PRE DEFINED BUSINESS TEMPLATE

Define your farm rules and activities based on the frequency of their occurrence.

Farmer can link these activities with Inventory based on the nature of activity.

This not only help in defining accurate cost of a batch and inventory of that location but also ensures user get a timely reminder of the activity to be done on that particular day.

Capturing batch cost with critical information like insurance, electricity, labour cost accurately.

STANDARD OPERATING PROCEDURES

Templates are important for any organization to achieve success. It not only helps you with automating the whole process but also contributes in maintaining consistencies.

Also, predefined schedules and KPI ensure that deviations are minimized. Whether it's a feed, medicine or routine check-up plan, planning becomes naturally easy through navfarm.

Notably these actives/task are not hard coded and can be easily created/configured by the end user easily.

Defining

Frequency Start	Frequency End	UOM	Type	Input	
		GMS	Percentage ∨		←
0	100	GMS	percentage	4.3	🗑
101	201	GMS	percentage	3.4	🗑
202	301	GMS	percentage	2.3	🗑
302	325	GMS	percentage	1.9	🗑
326	364	GMS	percentage	1.2	🗑

Feed Plan

Pre-Starter Feed	KGS	Daily	0	50
Starter Feed	KGS	Daily	51	100
Grower Feed	KGS	Daily	101	200
Finisher Feed	KGS	Daily	200	365

Weight & Atmosphere

Body Weight	Weight	Weight	GMS	Weekly	0	365
Temperature	Temp.	Temperature	CELSIUS	Weekly	0	365
Oxygen	Temp.	Oxygen	KG/M²	Weekly	0	365
Ammonia	Temp.	Ammonia	KG/M²	Weekly	0	365

MANAGE STOCK TRANSFER

Trans/ Entry No.	Transaction Ref	Date	Location	Remarks	Action
TR00001	IN	12-07-2022	N1-1-TANK-1	OPENING	✎
TR00002	CONSUMPTION	01-01-2022	N1-1-TANK-1		👁
TR00003	IN	01-01-2022	N1-1-TANK-1		👁
TR00004					

Once the inventory is procured and available at central location, the same needs to be transferred to the respective nursery/location. With transfer voucher we can transfer In & Out from:
- Location to Location
- Location (Batch) to Location (Batch)

We can also transfer Out, Adjust and pass consumption voucher. This module is highly effective in managing the inventory efficiently.

TRACEBILITY FROM FORK TO FARM

Maintaining quality standards and building trust among the consumers is highly important.

Ensuring transparent systems which can trace the source and destination is an important attribute.

Discover using traceability how our customers have build brand loyalty.

MINIMIZED DAILY DATA ENTRY

In order to reduce human error and bring smart decision making capability, the app ensures a farmer or a supervisor do minimized entry and get the maximum output.

Discover how our customers have revolutionized farm operations.

SAVE MODE

Capture the farm data in save mode and by the end of the day when your farm inspection is completed, verify and post data entries.

This shall help you in eliminating errors and eventually capture accurate data on real time basis by posting the data.

OFFLINE FARM ACCESS

Being at remote location connectivity can be a challenge. Data from these farms are late fetched due to which important parameter and deviation get missed.

These miss can cause a farm dearly. Navfarm provides offline data entry so that key information is captured and whenever the supervisor is in range data gets synched automatically

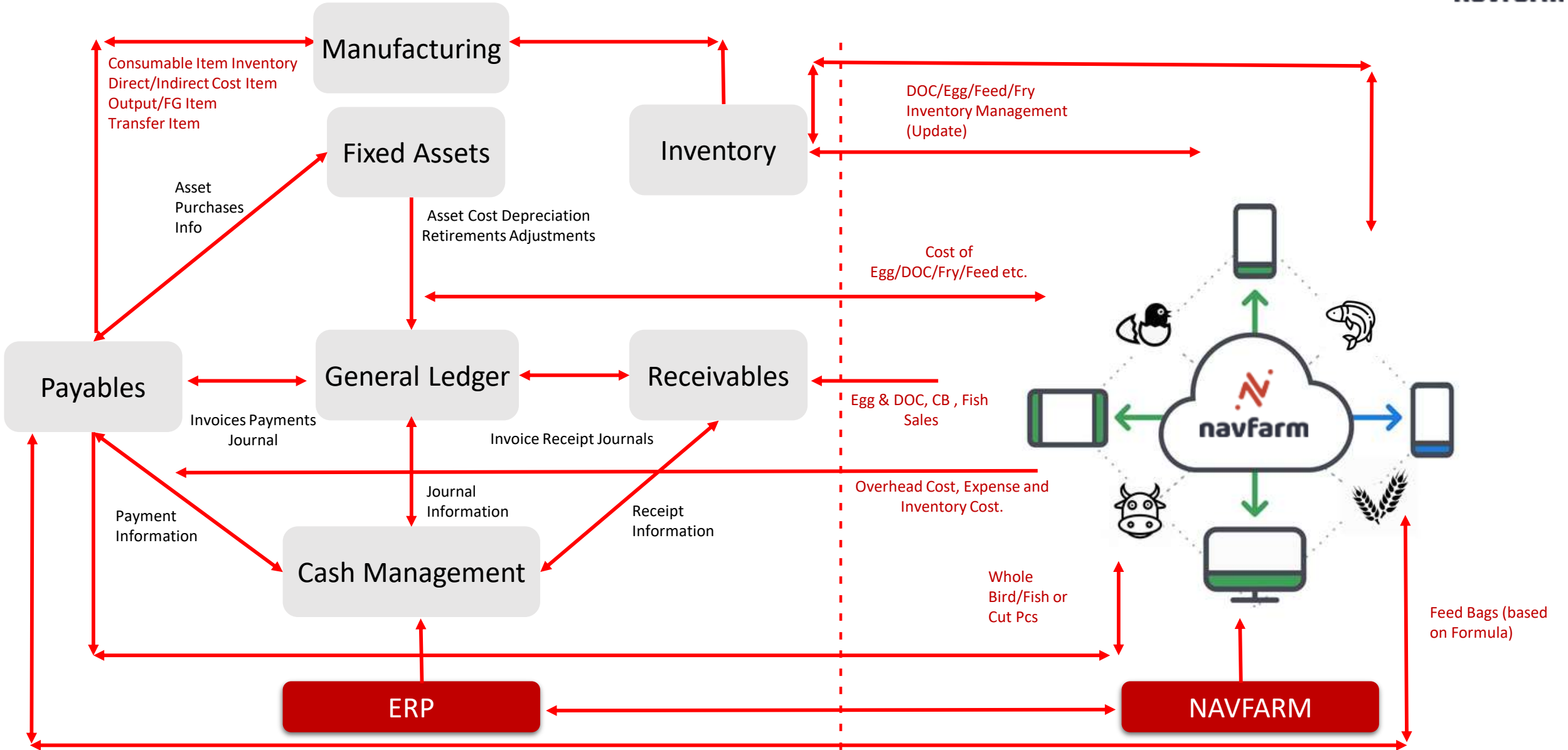# Batch Performance Analysis

APAC | AMERICAS | EMEA

FARMERS PATH TO SUCCESS
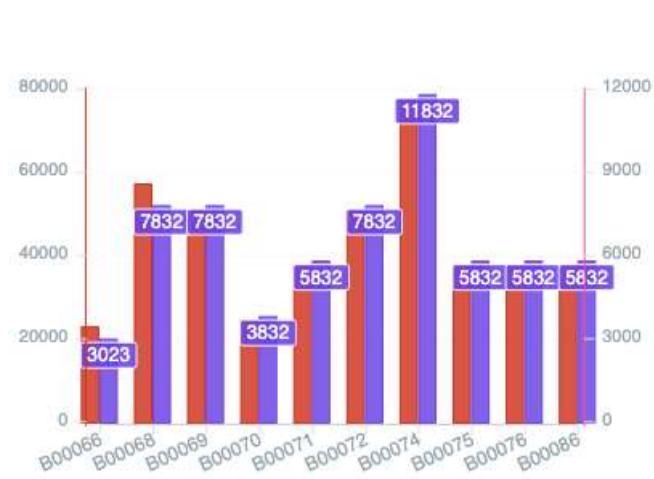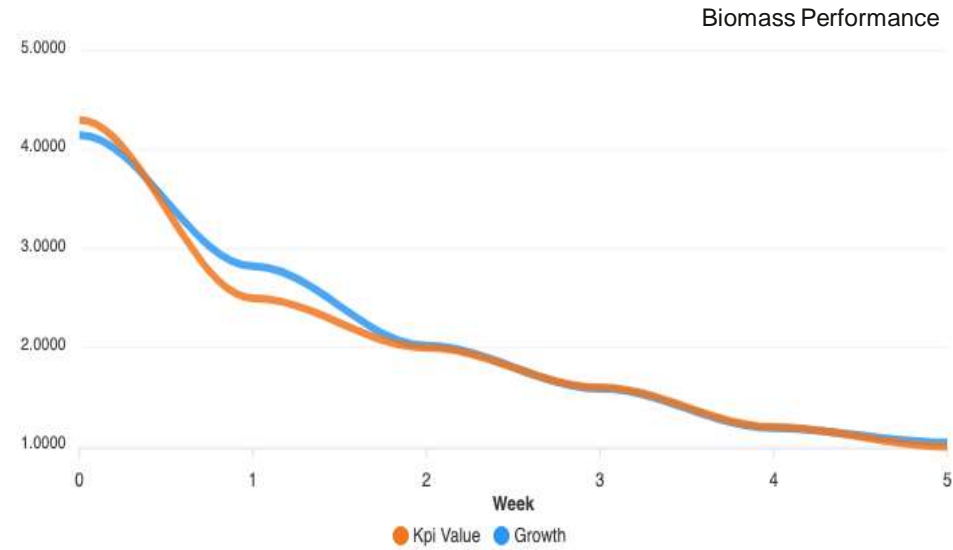
OVER THE WEB & MOBILE

- Cloud Based Application

- Resources Optimization

- Malpractice Control

- Accurate Product Costing

- Tight Inventory Control

- Manage Growth

- API Integration

- AI & Machine Integration

- SOA Based can be integrated with SAP, Microsoft & Oracle

- Better insights on health and profitability
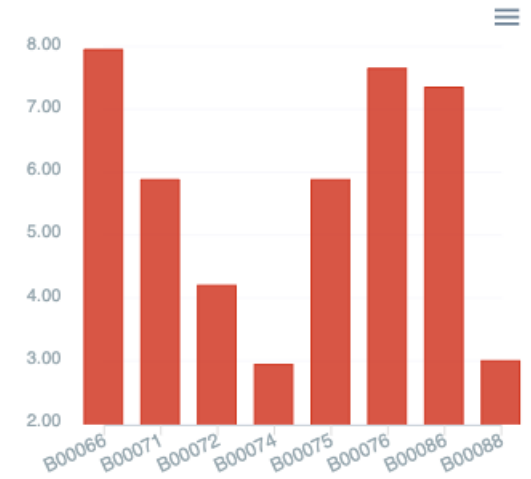
Universal ERP API Connector

navfarm

Manufacturing

Consumable Item Inventory
Direct/Indirect Cost Item
Output/FG Item
Transfer Item

Fixed Assets

Inventory

DOC/Egg/Feed/Fry
Inventory Management
(Update)

Asset
Purchases
Info

Asset Cost Depreciation
Retirements Adjustments

Cost of
Egg/DOC/Fry/Feed etc.

Payables

General Ledger

Receivables

Egg & DOC, CB , Fish
Sales

Invoices Payments
Journal

Invoice Receipt Journals

Overhead Cost, Expense and
Inventory Cost.

Payment
Information

Journal
Information

Receipt
Information

Cash Management

Whole
Bird/Fish or
Cut Pcs

navfarm

Feed Bags (based
on Formula)

ERP

NAVFARM

APAC | AMERICAS | EMEA

_____ Data from NAVFARM

_____ Data in ERP

KEEP PERFORMANCE INDICATORS

Biomass Performance

Input VS Output

Average Body Weight