

# Introduction

The objective of the Farm Management System is to transition from the current manual processes to an automated framework utilizing advanced computerized equipment and comprehensive software solutions. This transformation aims to meet the specific needs of the system, ensuring that critical data and information can be securely stored for extended periods while allowing for straightforward access and manipulation. The necessary software and hardware components are readily available and user-friendly. Ultimately, the project outlines strategies for enhancing operational efficiency and improving service delivery to clients.

## Modules of farm management system:

1. Project/farm/ management module
2. Human resource module
3. Fleet and maintenance management module
4. Stock management module
5. Sales and purchase module
6. Accounting module
7. Budget management module

## System implementation

### **Frontend**

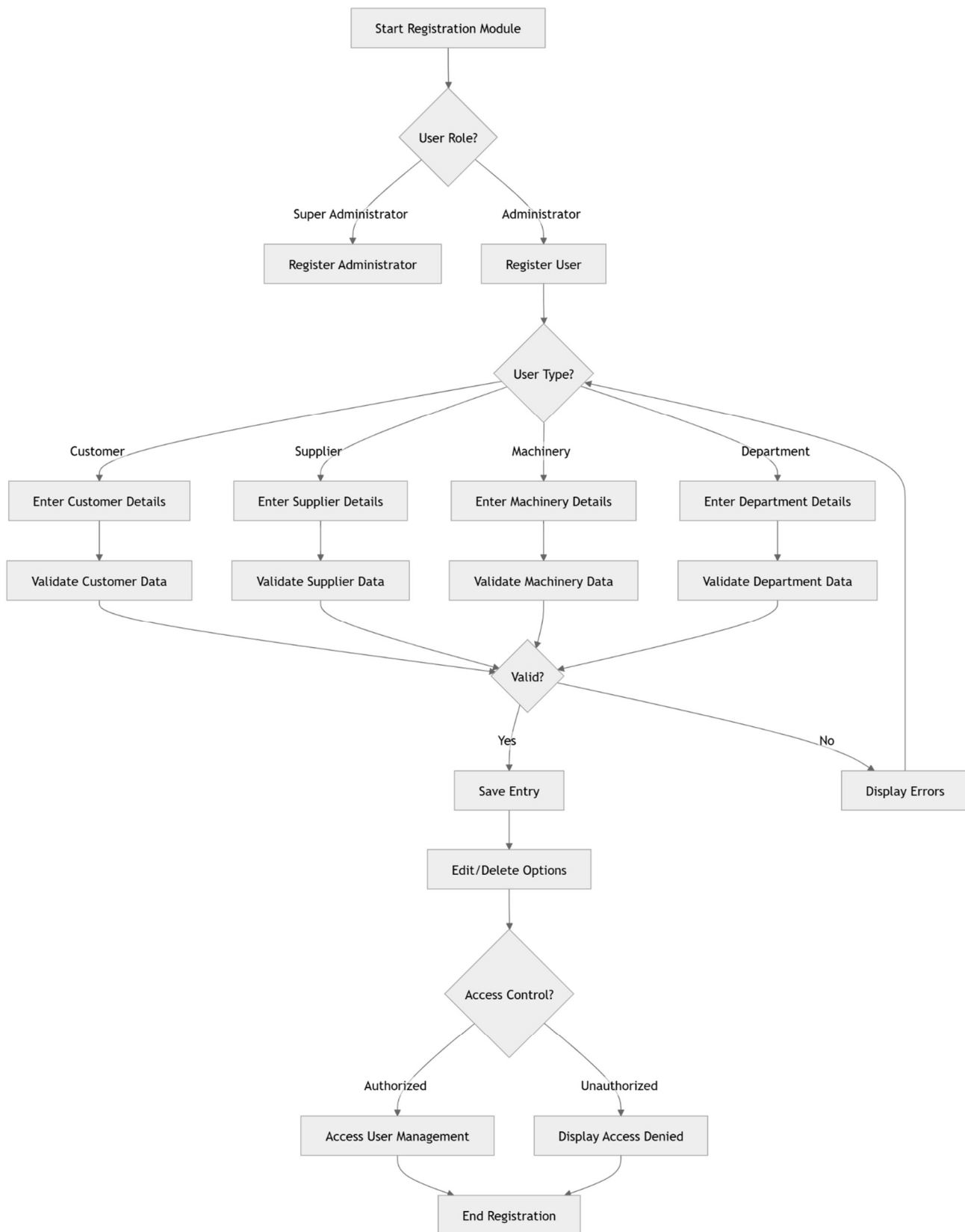
- 1.React
- 2.blade

### **Backend**

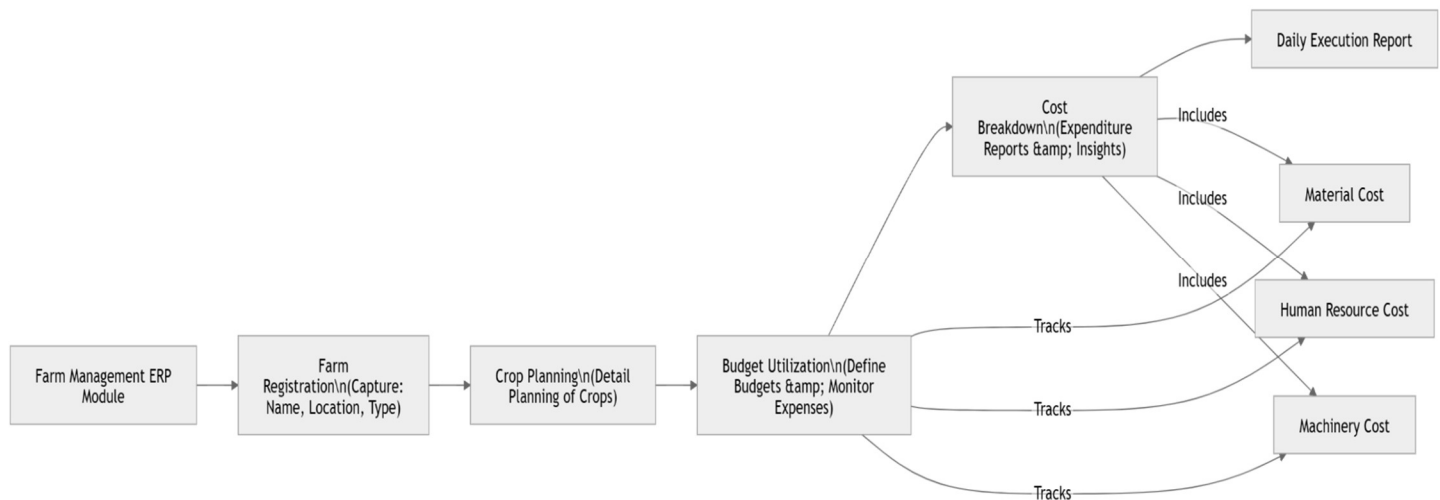
Laravel with MySQL database

## System design and modular description

## 1.registration module



## 2.Farm management module



### Farm module process

1 initiated with farm and crop registration per season

2. separate or quantify activities

3. resource break down

4. management approval for budget

5. man power request

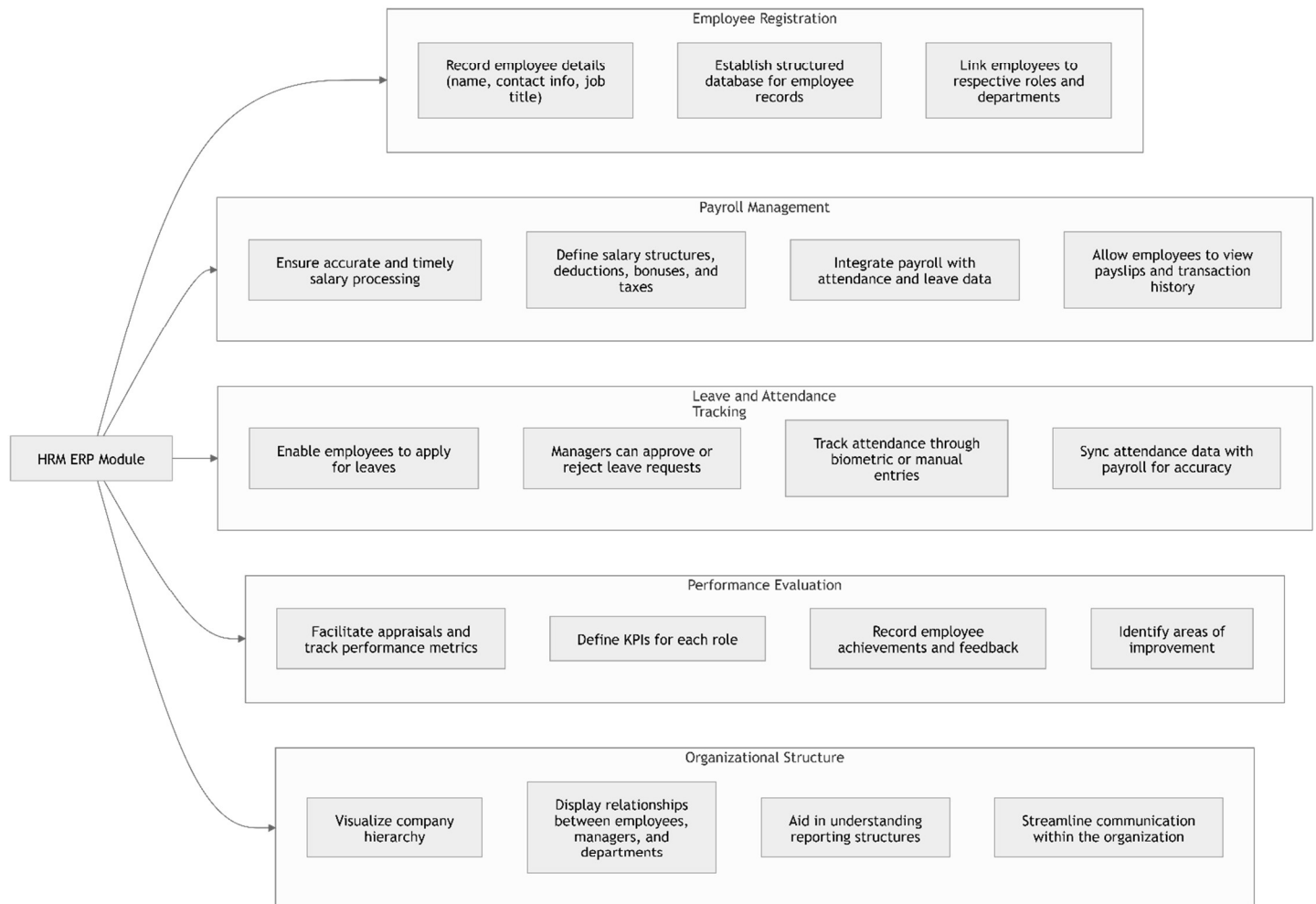
6. machinery request

7. fuel request

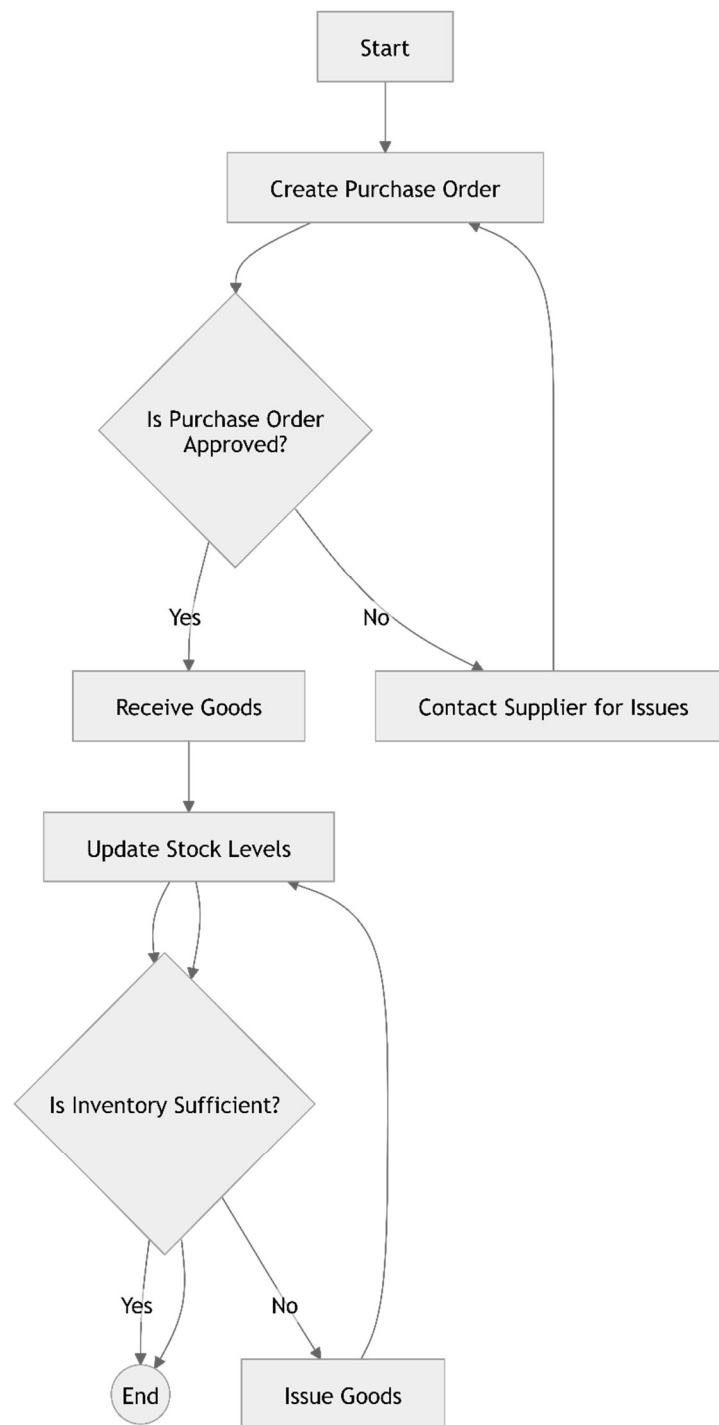
8. material request

9. daily execution based on the above activities

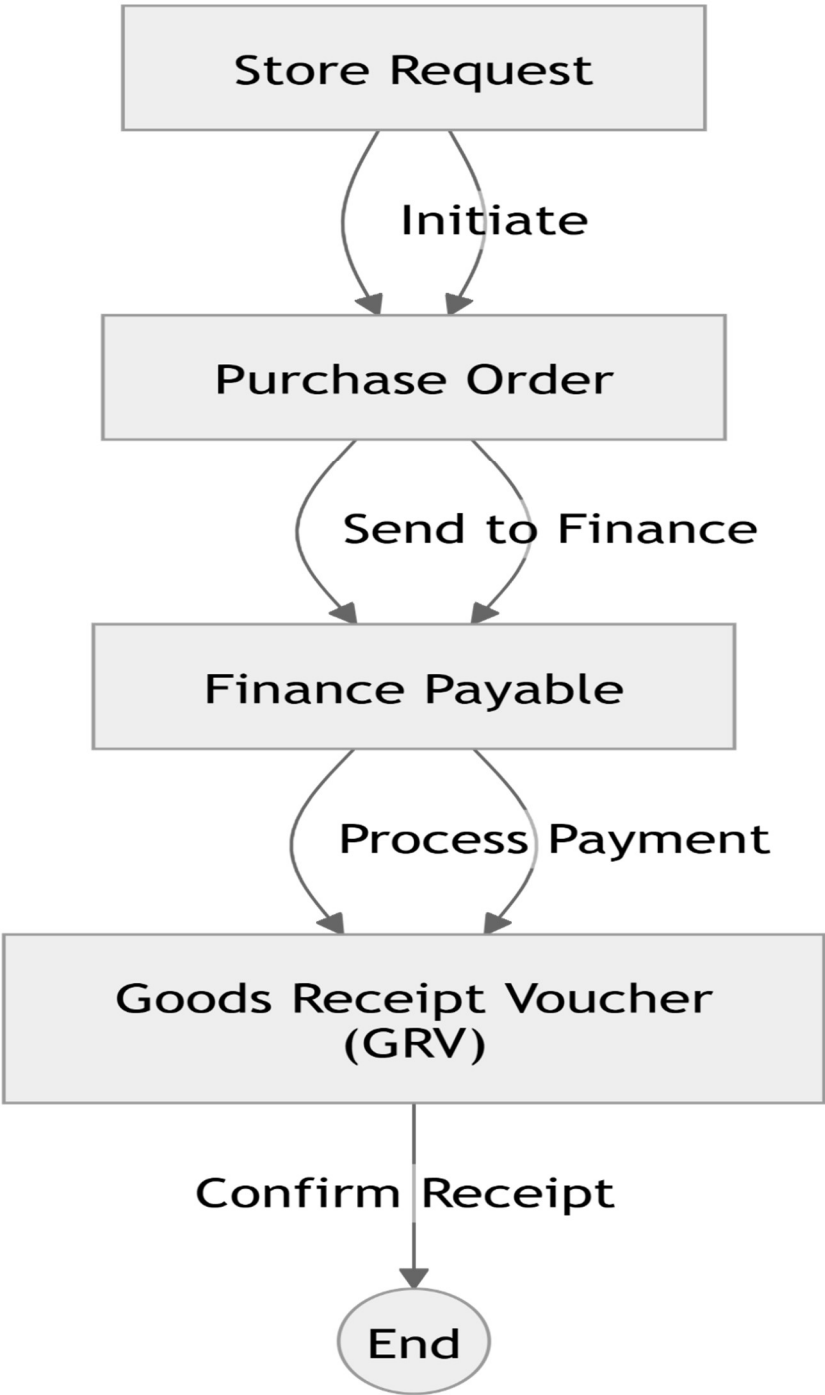
### 3.human resource module




## Stock management module



Purchase module



Demo screen shots



Wonde Farm

Dashboard

MESSAGING

Message

PROJECT

Plan

Execution


Reportings

Configuration

PURCHASE

supplier

purchase order




Farm one  
plan:10M  
Actual:50k  
Today

plan	actual	material(ETB)	manpower	machine
10k	8.8k	1k	2hr	3hr


92.6k

daily execution



97.5K


Total purchase



2.7K

plan vs actual


+5.2% vs last 7 days




Machinery

163

Tickets





Wonde Farm

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Configuration

Farm operation	quantity	unit	Start Date	End Date	operation Price
<input type="text" value="Farm Item"/>	<input type="text" value="quantity"/>	<input type="text" value="unit"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="Market Price"/>

Add Activity

Submit

Available

Dashboard

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92.6k  
daily execution

97.5K  
Total purchase

2.7K  
plan vs actual  
+5.2% vs last 7 days

Last 7 Days

Machinery

163  
Tickets

Last 7 Days

Wonde Farm

Dashboard

MESSAGING

Message

PROJECT

Plan

- create plan
- plan list
- Approve plan

Execution

Reportings

Configuration

Available

Farm operation	quantity	unit	Start Date	End Date	operation Price
<input type="text" value="Farm Item"/>	<input type="text" value="quantity"/>	<input type="text" value="unit"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="Market Price"/>

Add Activity

Submit

Axelor open source erp screenshot

axelor

HK

Contracts

Project management

Projects

Business projects

Tickets

Templates

Reportings

Configuration

Assets management

Suppliers

Internal Stock Moves

Employee

Mass entry

+

Delete

Print

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	Reference	Journal	Functional o...	Company	Status	Created on	Created by	
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No records found.