A PROJECT

REPORT

On

AGRICULTURE CROP SYSTEM

Index

DISCRIPTION:

The main objective of this project is establishing a database which will help Indian farmers to make the effective cultivation of crops by providing up-to date information of crops details and make a path to earn more and also provides details about current technologies.

SOFTWARE REQUIREMENTS:

Languages	Spring Boot
DataBase	MongoDb
Software Development Kit	Java Jdk11
API Client	PostMan

HARDWARE REQUIREMENTS:

Processor	1.2GHz and above
Hard Disk	10GB and more
RAM	Minimum 1 GB

SYNOPSIS:

The aim of this project is to develop a system that can provide basic platform to sales their Crop, Fruit, Vegetable, through online mode in easy way in global market.

The objectives are:

- The objective of the "Agriculture Crop System" is to any seller provide information about our corps to Dealer through this application.

- To enhance awareness of farmers and Dealer on critical factors in selection of crops
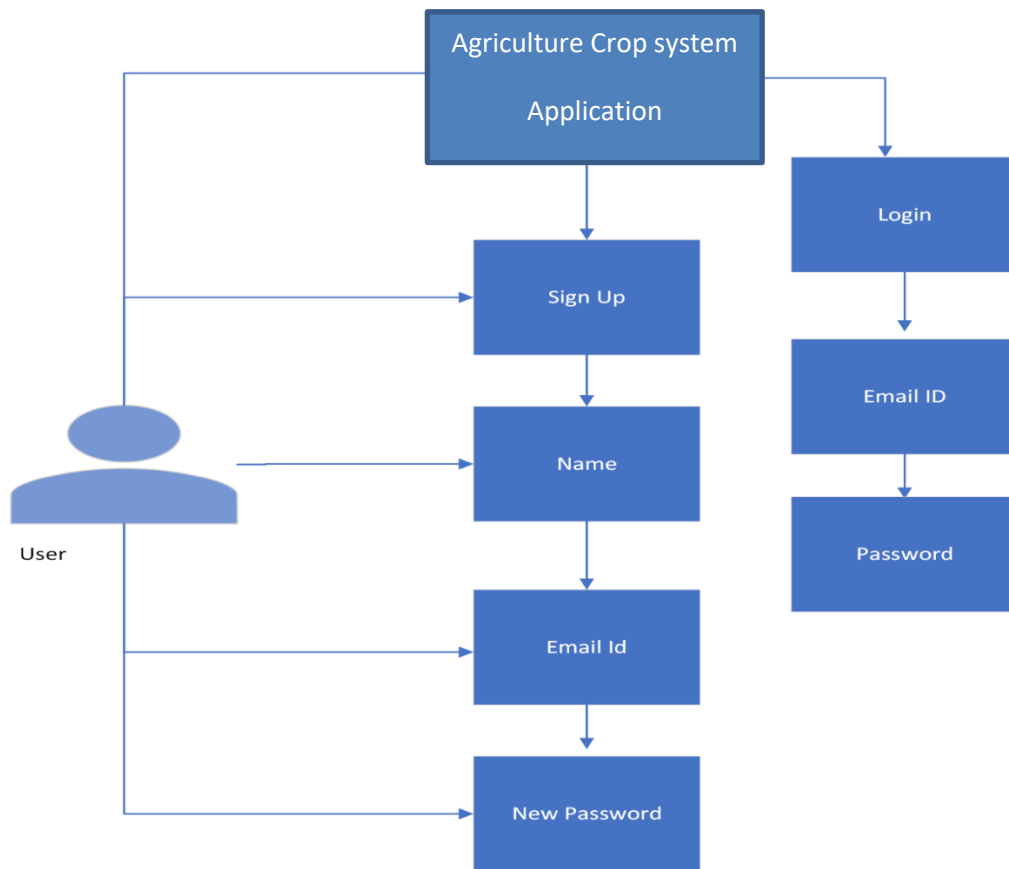
MICRO SERVICES:

1. Login and Signup
2. Creating Farmer Profile
3. Creating Dealer Profile
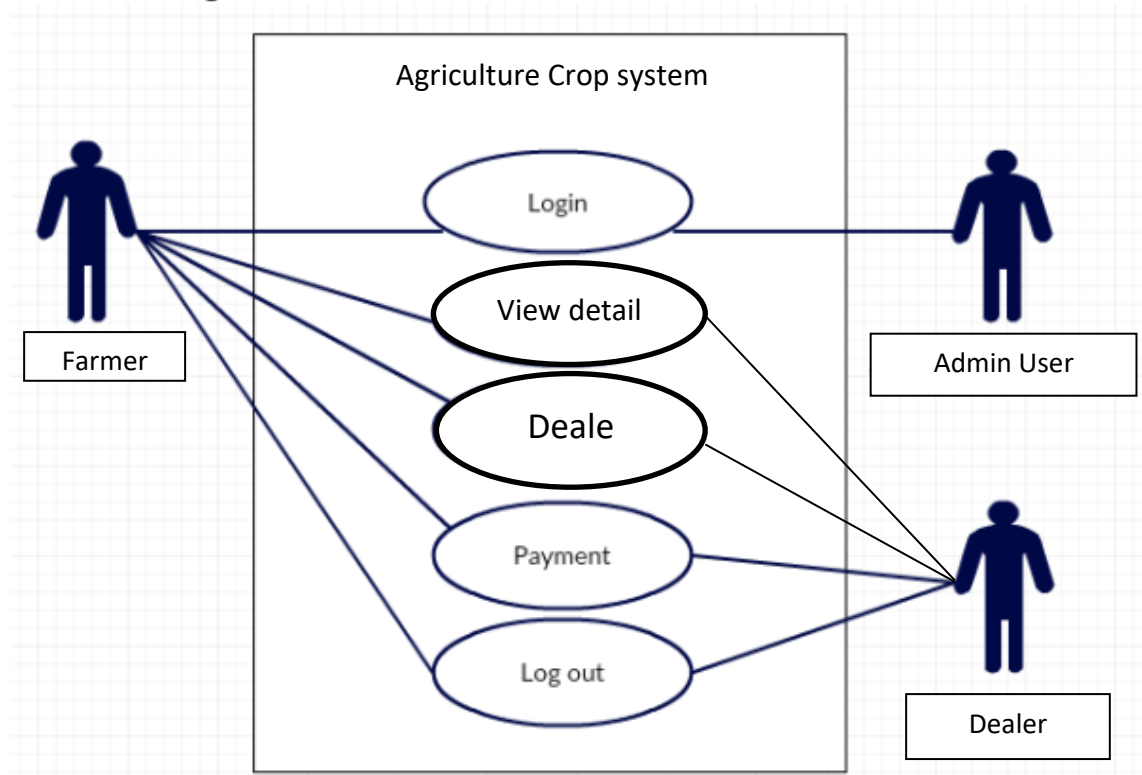4. Payment

MICRO SERVICES

- Sign up/Login: Sign up with basic details. A user can login using Email or Facebook.
- Profile: Farmer and Dealer can view and edit their profile information.
- Publishing Crop details: Add the crop details like type (vegetables/fruits), select the vegetable/fruit from dropdown list, quantity availability and location.
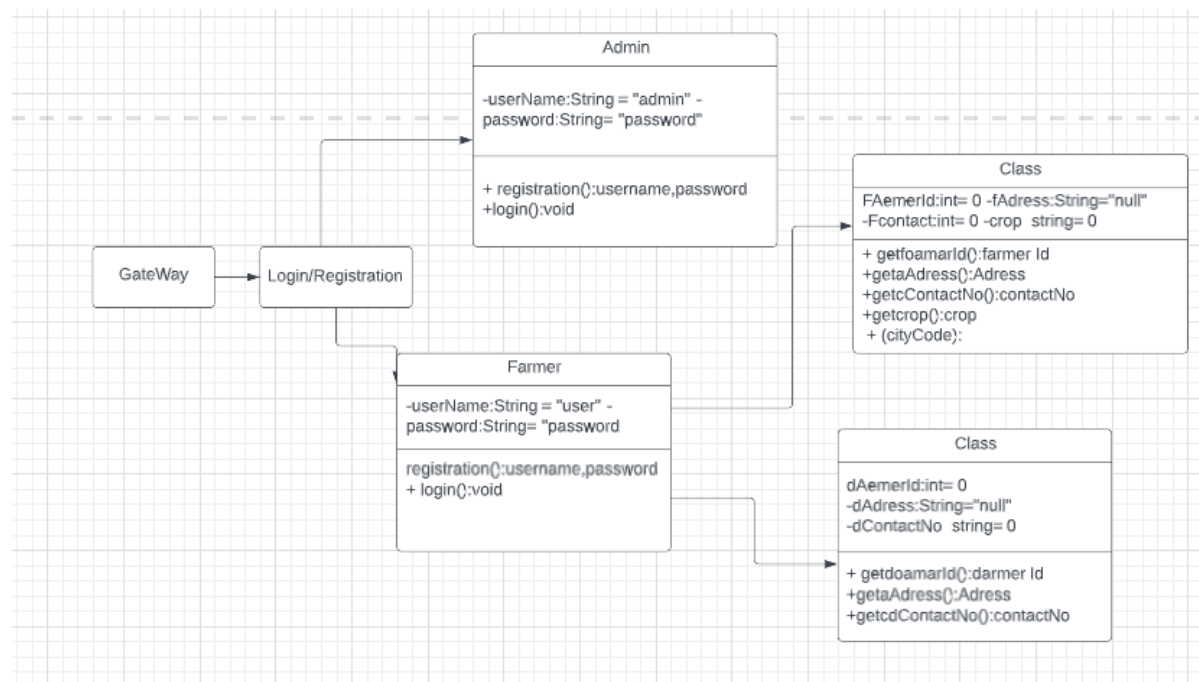- Bank Account Details: Add bank account details for payment transfer.

USE CASE DIAGRAM:

User-case Diagram

Agriculture Crop system

Login

View detail

Deale

Payment

Log out

Farmer

Admin User

Dealer

Class Diagram

Admin

-userName:String = "admin" -
password:String= "password"

+ registration():username,password
+login():void

Class

FAemerId:int= 0 -fAdress:String="null"
-Fcontact:int= 0 -crop string= 0

+ getfoamarId():farmer Id
+getaAdress():Adress
+getcContactNo():contactNo
+getcrop():crop
+ (cityCode):

GateWay

Login/Registration

Farmer

-userName:String = "user" -
password:String= "password

registration():username,password
+ login():void

Class

dAemerId:int= 0
-dAdress:String="null"
-dContactNo string= 0

+ getdoamarId():darmer Id
+getaAdress():Adress
+getcdContactNo():contactNo

CONCLUSION:

ACS is a tool that helps forming people get organized, manage crops details better , Track new technologies more efficiently and save their time. In short– a tool that helps

Software will help you drive your sales and reduce headaches.

Advantages of ACM Easy to use, Good crops reporting, Easy To Maintain.