



# AGRIGOLD

Growing Together, Eating Better

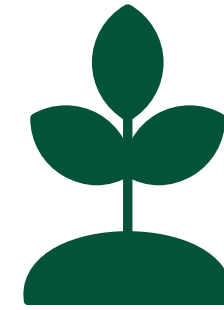
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# Introduction



- Imagine a world where farmers can easily sell their produce at competitive prices, access vital information like weather forecasts and crop suitability, and connect with a wider market.
- That's the vision behind our app. We'll demonstrate how this platform empowers farmers and revolutionizes the agricultural supply chain.
- This app connects farmers directly to buyers, ensuring they receive fair prices for their hard work.
- We'll also explore how this platform provides valuable agricultural information to help farmers increase their yields and improve their livelihoods.

**98%**

**Importance of agriculture  
in the economy**





# Features

**01** Product Categories

**02** Search and Filters

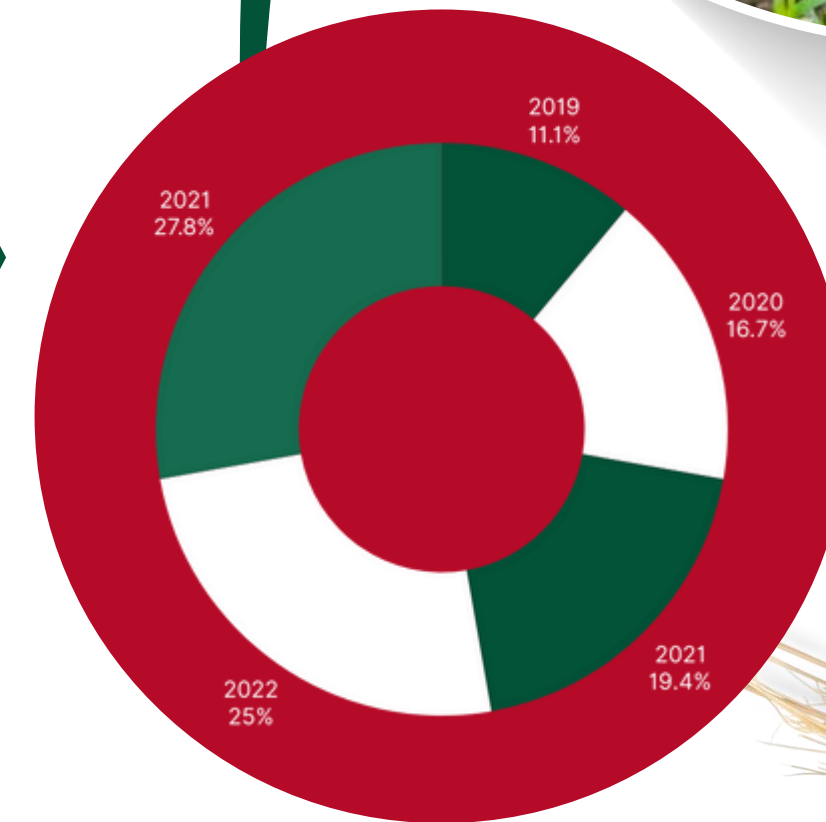
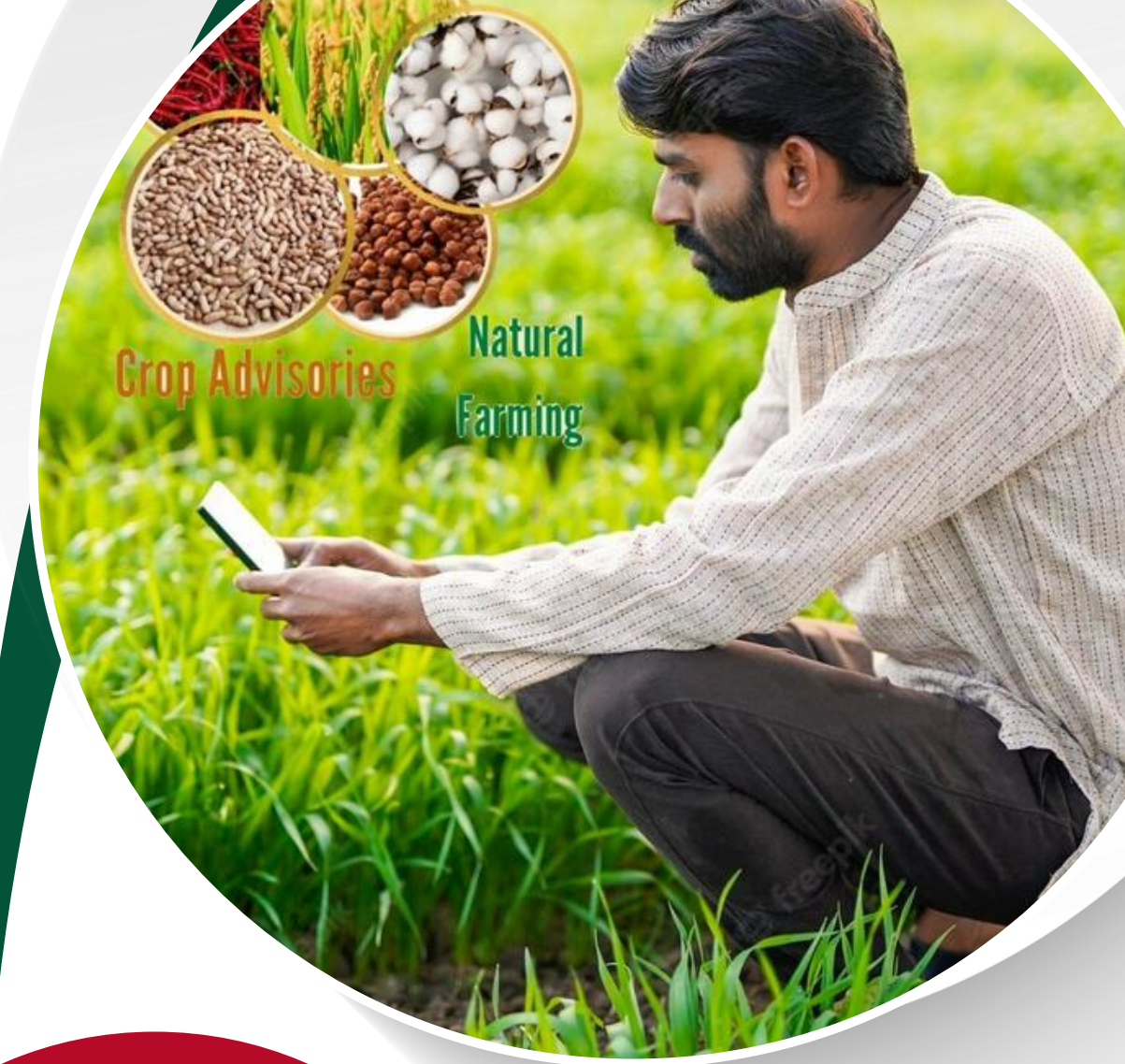
**03** Farmer Accounts

**04** Payment Options

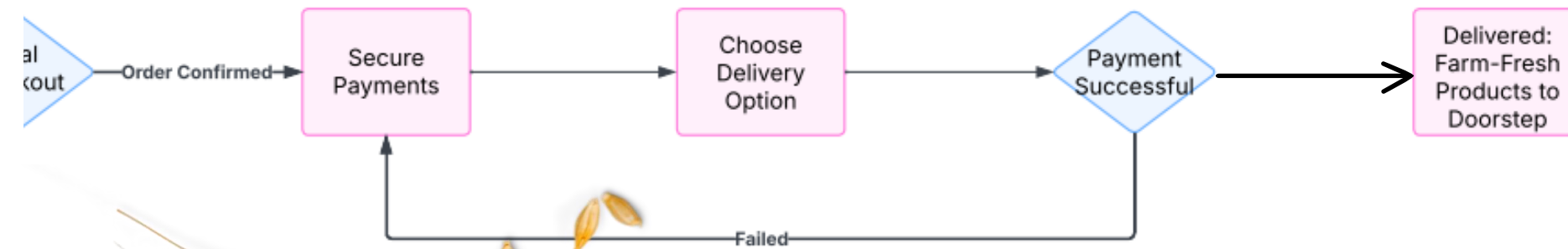
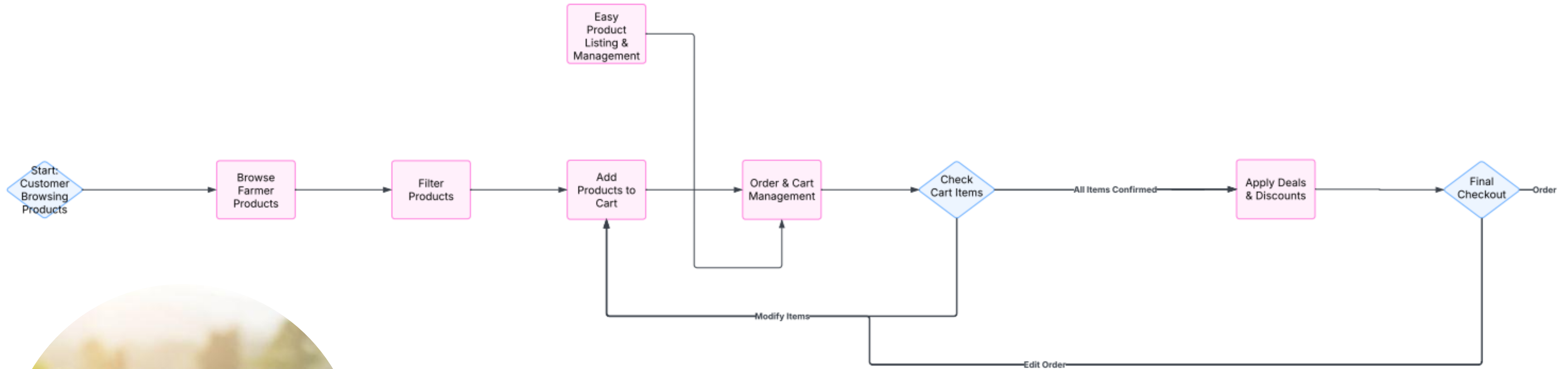
**05** Authentication

**06** Recommendations

**07** Feedback

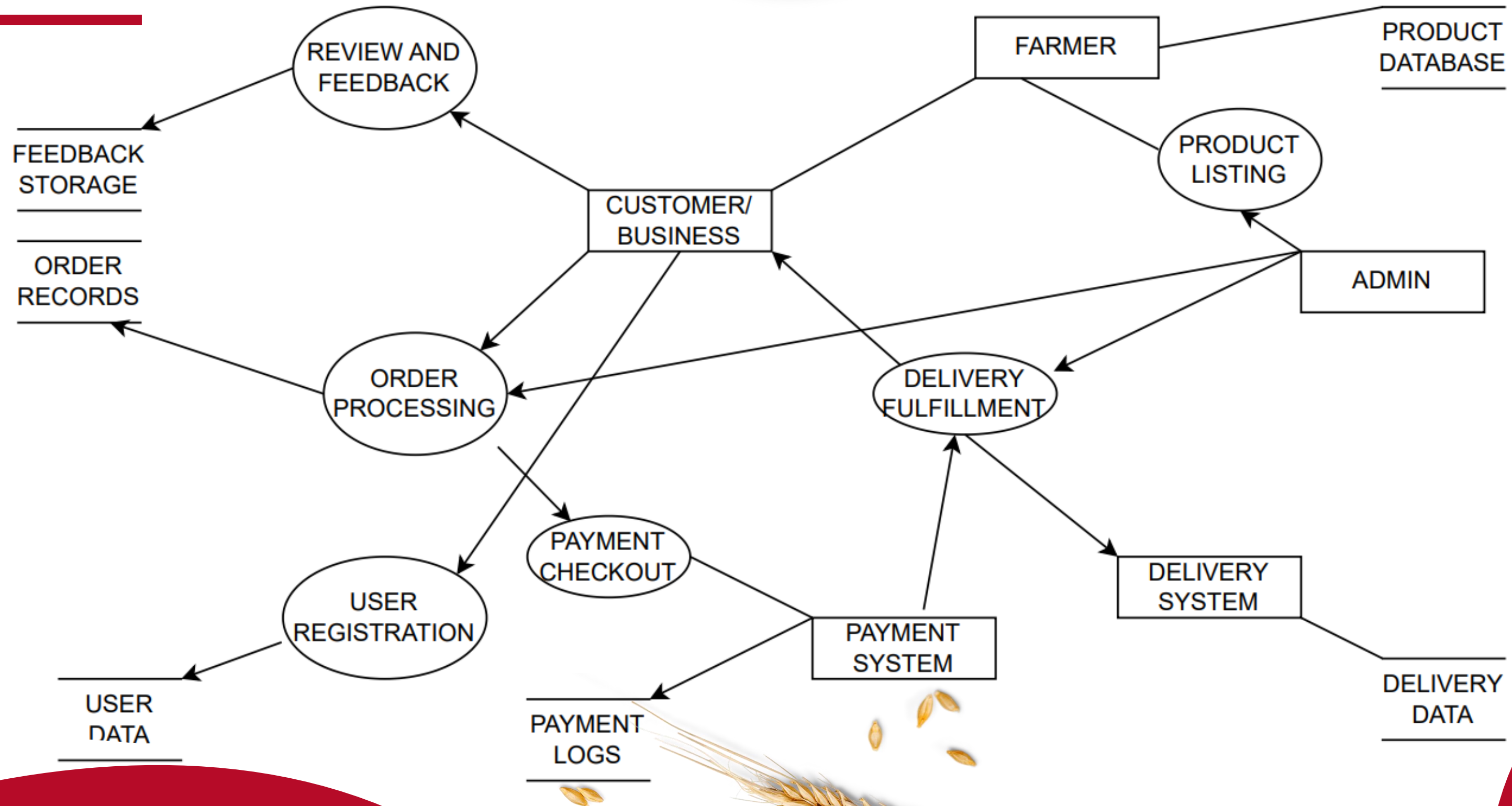


# Flowchart

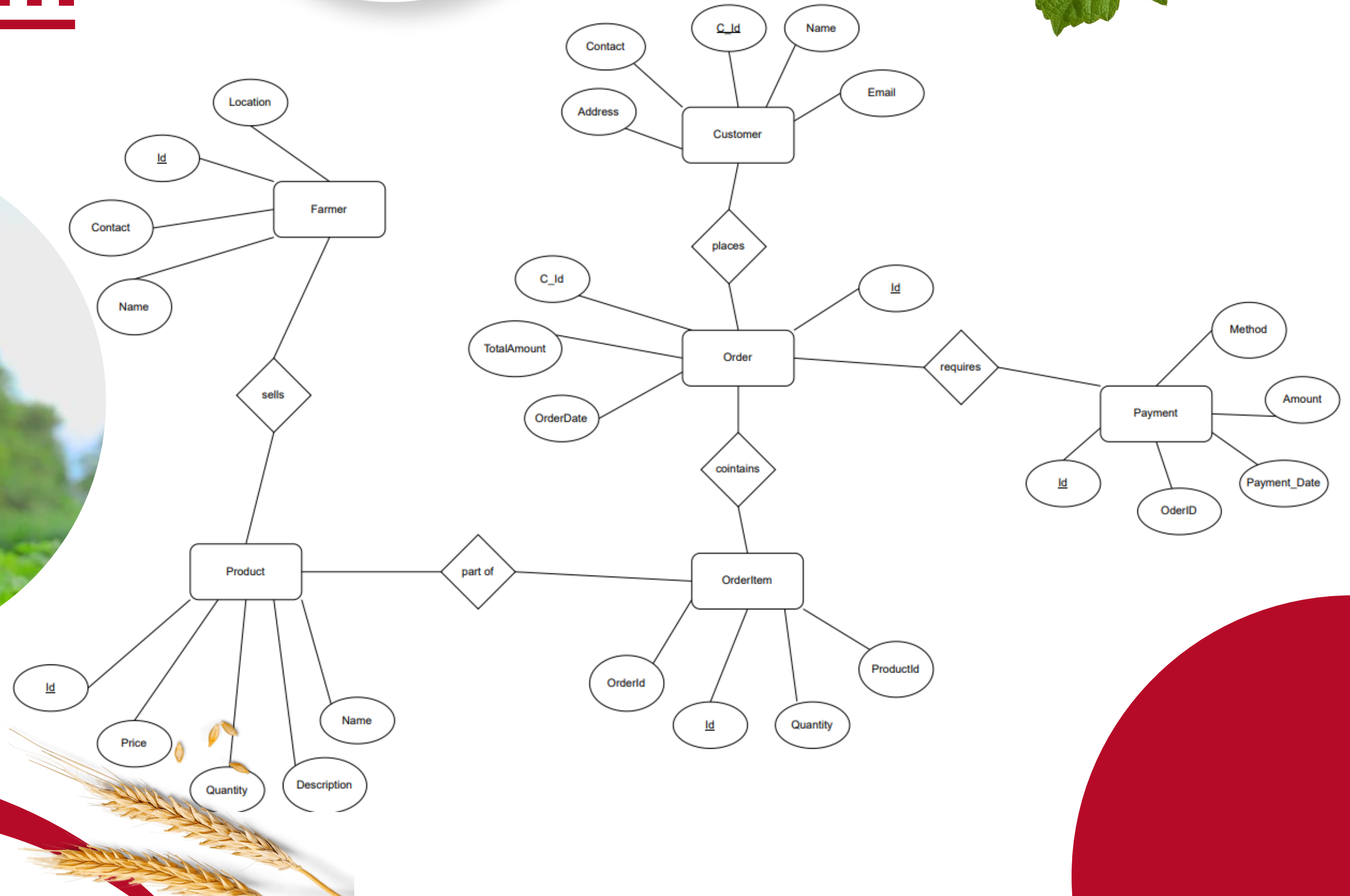
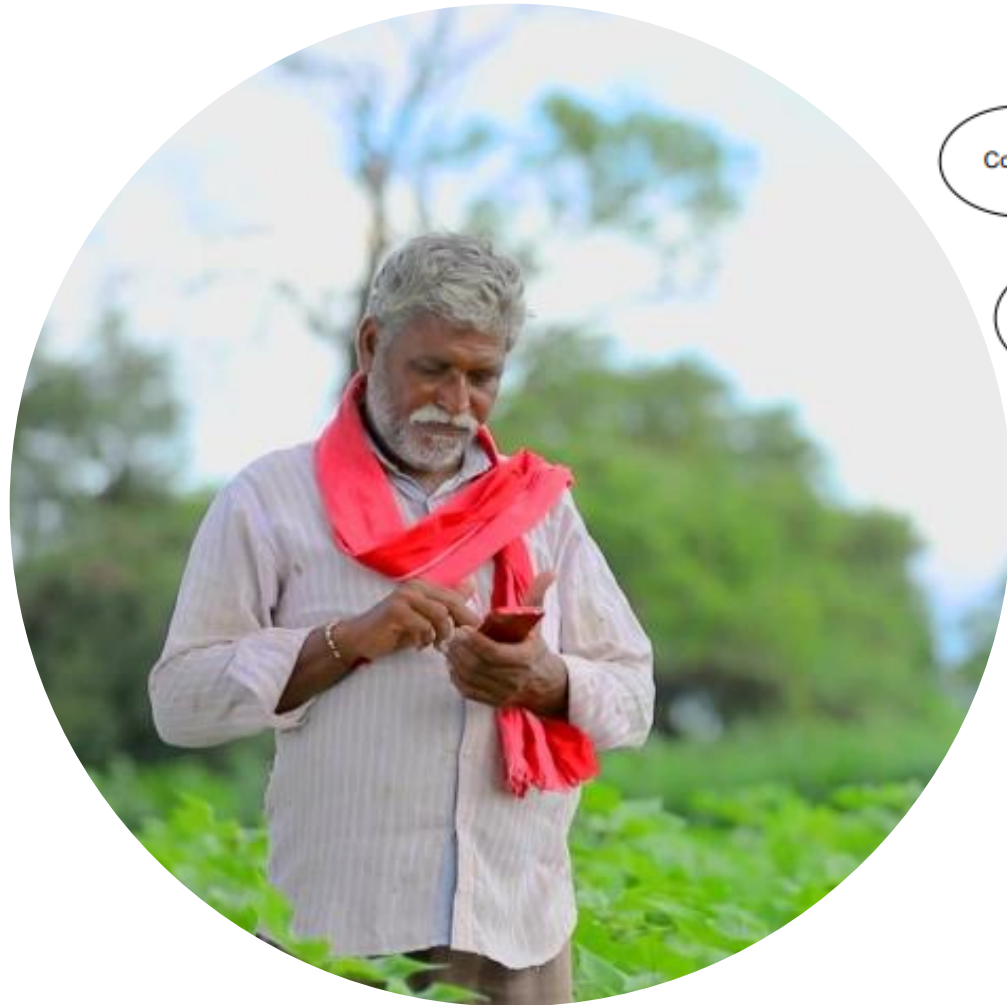




# DFD



# ER-Diagram





# Target Market Analysis

## Identify Target Audience

**01** Farmers  
85%

**02** Retailers  
75%

**03** Users  
99%

- Our market analysis highlights the significant impact of our app on the agricultural sector.
- 85% of farmers benefit by gaining direct access to buyers and fair prices for their product.
- 70% of retailers experience improved supply chain efficiency and better product availability.
- Additionally, 99% of users benefit from fresh, high-quality product at competitive prices.
- This platform revolutionizes the agricultural marketplace, ensuring growth and sustainability for all stakeholders.





# Tech Stack

## Frontend



Android Studio is Google's official IDE for Android app development, offering powerful tools like code editing, debugging, emulation, and UI design.



Java is one of the primary programming languages used for Android development in Android Studio. It is an object-oriented, platform-independent language widely used for building mobile applications, backend systems, and enterprise software.

## Backend



Firebase provides authentication, real-time databases, cloud storage, hosting, and analytics, simplifying backend development and enhancing app performance.



Google API is a set of services by Google that allows developers to integrate features like Maps, YouTube, Drive, and AI into apps, enabling seamless access to Google's powerful functionalities.



# App Development Time-Line

## Gantt Chart

PROCESS	QUARTER 1				QUARTER 2				QUARTER 3		
	Lab1	Lab2	Lab3	Lab4	Lab5	Lab6	Lab7	Lab8	Lab9	Lab10	Lab11
Idea & Planning											
UI /UX Design											
Front-end development											
Back-end development											
Testing and debugging											
Deployment											





# Thankyou



## Repository

[ref\\_ =://github.com/maheshgunturi/AgriGold.git](https://github.com/maheshgunturi/AgriGold.git)

## Know More

<https://www.ijcmas.com/6-11-2017/M.%20Mohan%20Kumar,%20et%20al.pdf>

[https://www.amazon.in/dp/0670091987?ref\\_=cm\\_sw\\_r\\_a\\_pin\\_dp\\_8WT4PXAN724YH9QJ40BS](https://www.amazon.in/dp/0670091987?ref_=cm_sw_r_a_pin_dp_8WT4PXAN724YH9QJ40BS)

