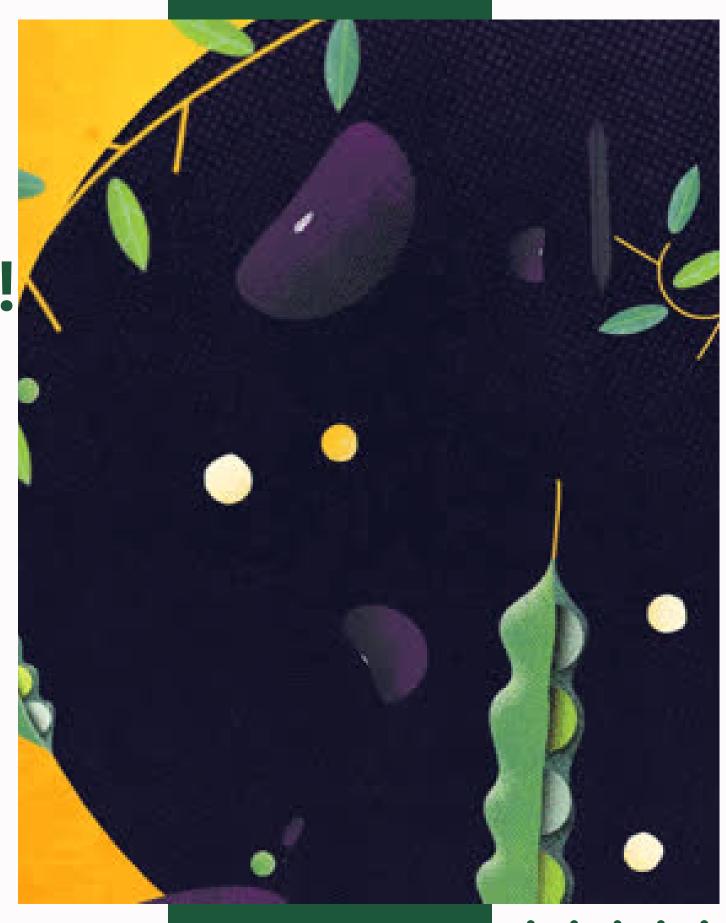
FRESH2HOME(F2H)

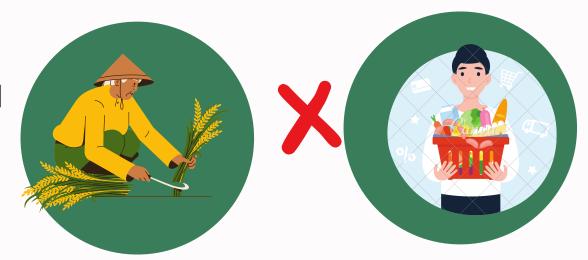
Nature's best delivered fresh!!





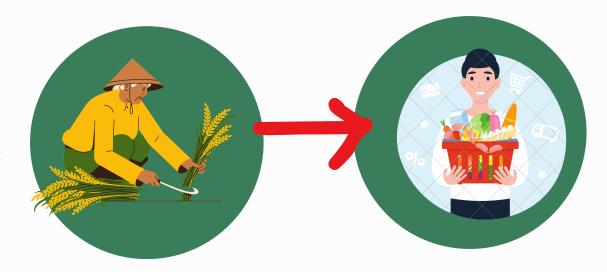
Problem Statement

- Despite the increasing demand for locally sourced, sustainable, and organic agricultural products, small and medium-scale farmers often struggle to access direct market opportunities resulting in significant distribution inefficiencies, reduced profitability for farmers, and limited choice and increased prices of commodities for consumers.
- Maintaining high standards of quality and ensuring the adoption of sustainable organic farming practices pose ongoing challenges. These issues are compounded by the lack of a unified platform that can facilitate direct interactions among farmers, consumers, quality inspectors, and educational bodies.

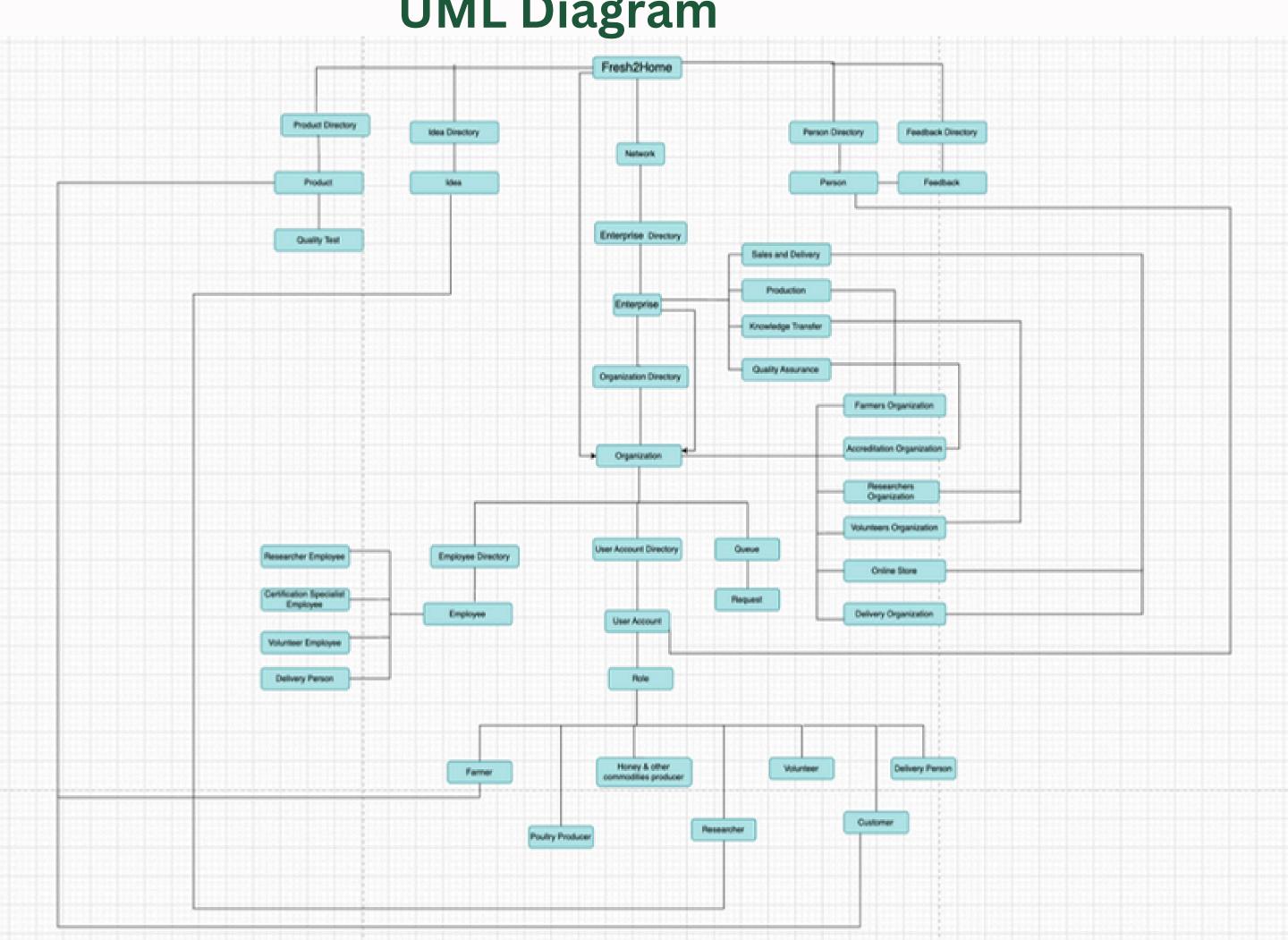


Solution

- Fresh2Home aims to resolve these critical barriers by creating an integrated digital ecosystem that supports diverse local farmers.
- The platform will streamline the distribution process, improve quality assurance through rigorous certification, and promote sustainable practices by offering educational resources and support.
- By bridging the gap between farmers and consumers, Fresh2Home seeks to enhance the safety, well-being, and efficiency of the local agricultural ecosystem, thereby fostering a more sustainable and transparent market



UML Diagram Fresh2Home



PRODUCTION ENTERPRISE

ENTERPRISES





Supports farmers by providing a platform to list their products and access resources for sustainable organic farming.

QUALITY ASSURANCE ENTERPRISE

Responsible for verifying and certifying the quality and safety of agricultural products, deciding their prices before they are listed on online store for customers.

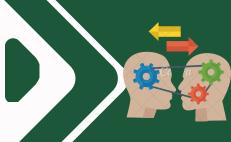


02

KNOWLEDGE TRANSFER ENTERPRISE

03

01



Provides educational resources, volunteering opportunities, and support for sustainable farming initiatives. It facilitates the dissemination of knowledge and best practices in agriculture.

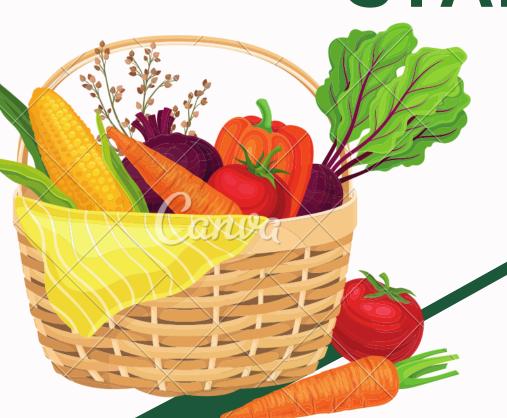
SALES AND DELIVERY ENTERPRISE

Manages the online store, processes orders, and oversees the logistics of delivering agricultural products from farms to customers.



04

STAKE HOLDERS







DELIVERY PERSON



VOLUNTEER



RESEARCHER



CERTIFICATION SPECIALIST



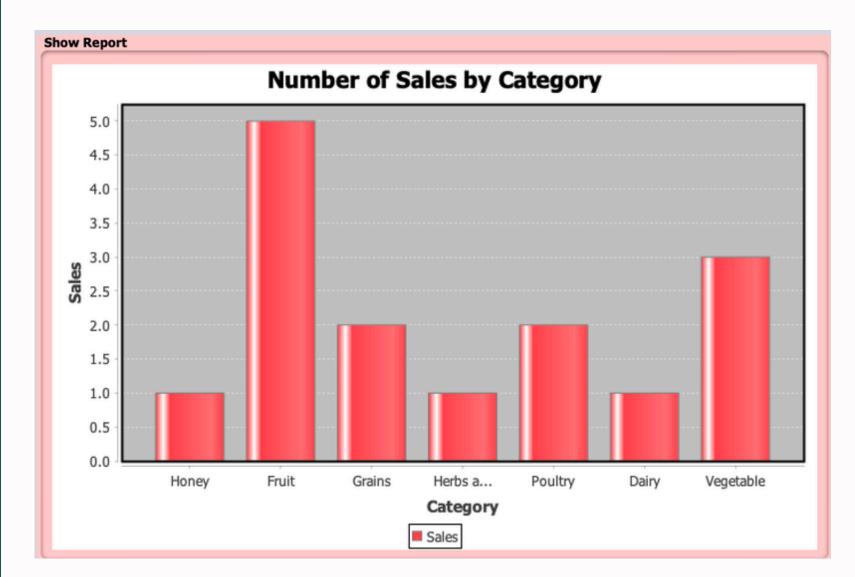
FARMER

Design and Implementation

- The whole UI and backend are separated into two different folders
- Folder hierarchy similar to ecosystem model was followed
- Models was designed separately for different organizations
- All organization work collectively to produce end result
- Developed a robust error handling system that can gracefully handle exceptions and provide useful feedback to the user.



REPORTS







THANK YOU

