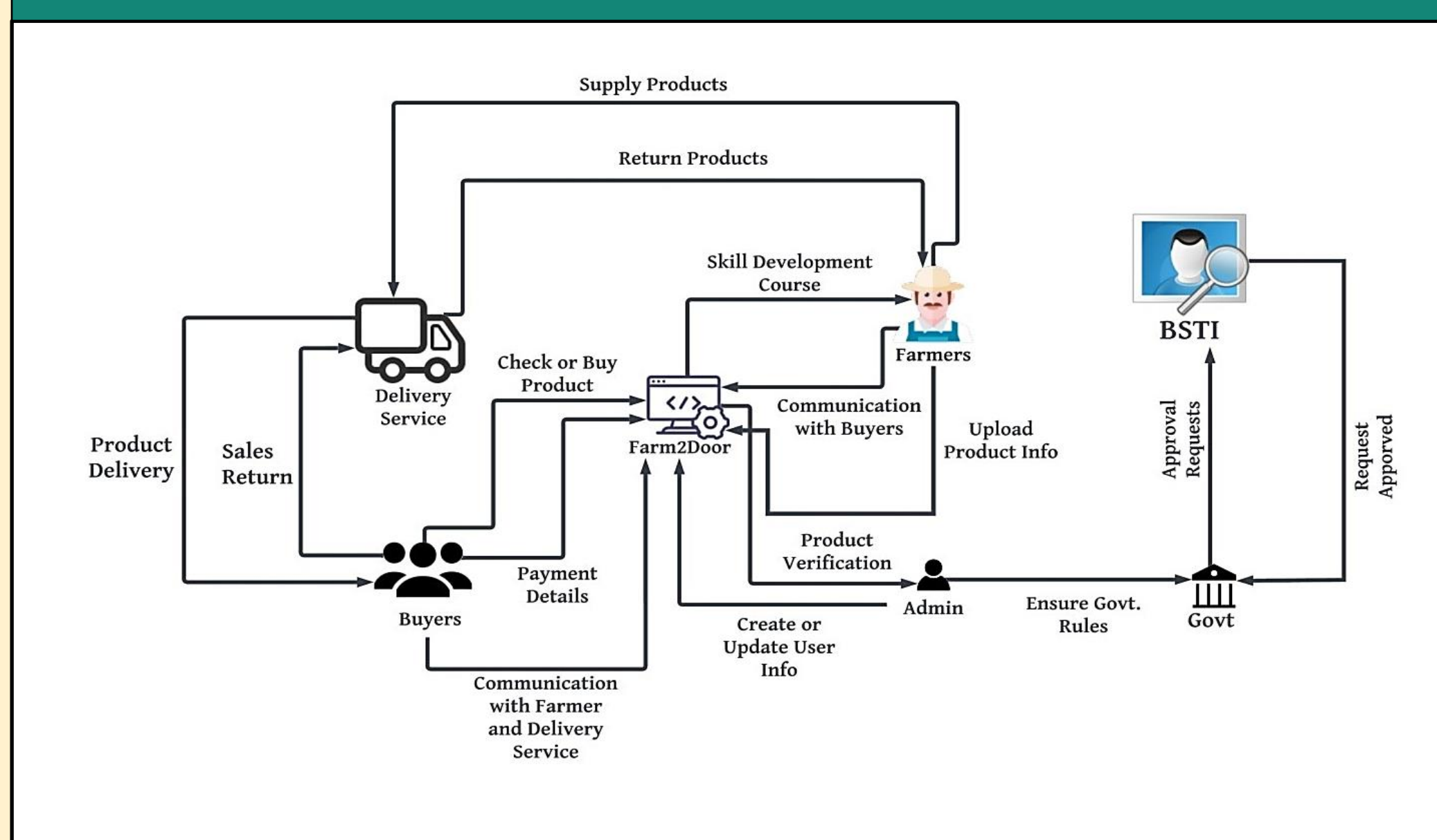# FARM2DO0R
Eat Local. Feel Great.

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Abstract

The suggested system, Farm2Door, intends to create a comprehensive online platform that facilitates effective interactions between farmers and buyers in the agricultural industry of Bangladesh. Farmers can utilize the system's user-friendly features to promote their products, manage their accounts, and contact potential buyers. Buyers can browse available products, place orders, and track the delivery process simultaneously. An administrator function is also included in the system to manage user accounts and oversee product deliveries; as well as have access to all the functionalities of the farmer. Furthermore, individuals can communicate in real-time using a message system. This platform is intended to simplify agricultural transactions, increase collaboration, and improve the trading experience for producers and buyers in the agricultural industry.

Rich Picture

Identifying Problems

➢ **Lack of a centralized platform for farmers to sell their products efficiently.** Farmers in the agricultural regions lack access to a reliable and efficient platform to market their agricultural produce.

➢ **Insufficient knowledge of technological aspects**. The absence of skill development opportunities hindered the growth and competitiveness of farmers.

➢ **Inefficient communication between buyers, sellers, and administrators**. The traditional Agro-market system lacked transparency and real-time communication channels.

Solutions & Opportunities

➢ **Create a user-friendly web application** where farmers can list their crops for sale, and administrators can manage the platform.

➢ **Skill Development Courses**: Offer online skill development courses for farmers to improve their knowledge & and productivity.

➢ **Communication Features**: Enable real-time communication between all stakeholders, including farmers, buyers, sellers, and administrators, eliminating any sort of wrong actions done by middle-order agents in the existing system.

➢ **Returns and Replacements:** Allow buyers to return faulty/ unacceptable products and facilitate returns to farmers.

Identify Functional Requirements

➢ User Authentication and Authorization
➢ Crop Management for Farmers
➢ Skill Development Courses
➢ Communication Features
➢ E-commerce Features for Buyers
➢ Order Processing
➢ Delivery System
➢ Return and Replacement System
➢ Security and Privacy

Conclusion

In conclusion, Farm2Door represents a transformative solution to address the longstanding challenges within the agricultural trading sector. This system aims to redefine the way farmers and buyers engage in transactions by integrating user-friendly features, streamlined communication channels, and a centralized platform. As highlighted in the problem statement, the lack of a centralized and accessible platform has hindered the growth and efficiency of agricultural trading. With a robust marketing strategy, the project aims to reach and resonate with its target audience, fostering early adoption and building a community around the platform.