



# ULAB

---

UNIVERSITY OF LIBERAL ARTS  
BANGLADESH

Project Idea  
**Organic Grocery App**

Course Title: Smartphone Application Development

Course Code: CSE 438

Section: 01

Submitted to:  
Shakib Mahmud Dipto  
Lecturer  
Dept. of CSE, ULAB

Submitted by:

Name	ID
Mir Adis Ali	182014015
Md. Shafiqul Islam Suman	192014036
Dewan Tahmeed Abdullah	181014008
Rafid Bin Sikder	193014028

## **Problem Statement**

Accessing fresh, locally grown produce is challenging for many consumers, while farmers struggle to reach buyers directly and maintain fair prices. Current food distribution methods involve middlemen, leading to higher costs. Consumers often do not know where to find local farmers, hindering their ability to make informed choices. To address this, we need a user-friendly mobile app that connects consumers with local farmers, making it easy to buy fresh produce directly. This app aims to empower farmers to expand their market reach and maintain fair pricing while promoting sustainable agriculture and supporting local communities.

## **Features**

1. Farmer's Profiles: Showcasing their farms, products.
2. Product Listings: Each product listing includes details such as price, quantity, availability, and pickup/delivery options.
3. Location Based Search: The app utilizes GPS technology to provide location-based search results and directions to the nearest farms.
4. Ordering and Purchasing
5. Online Payments
6. Communication and Messaging
7. Order Tracking and Notifications: Users receive real-time updates on the status of their orders, including order confirmations, fulfillment notifications, and delivery/pickup reminders. Farmers can update order statuses, provide tracking information, and communicate any delays or changes to customers.
8. Reviews and Ratings: Farmers can highlight seasonal offerings, promotions, discounts, or special events through the app.

## **Benefits**

- Supports Local Agriculture
- Fresh and Quality Products
- Convenience and Accessibility
- Economic Support for Farmers