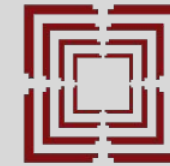


Udgam: A Community-Driven Organic Marketplace

Aditya Dave and AU2140100

ENR497: BTech Engineering Project (Winter 2025)

internal mentor: Professor Sanjay Chaudhary



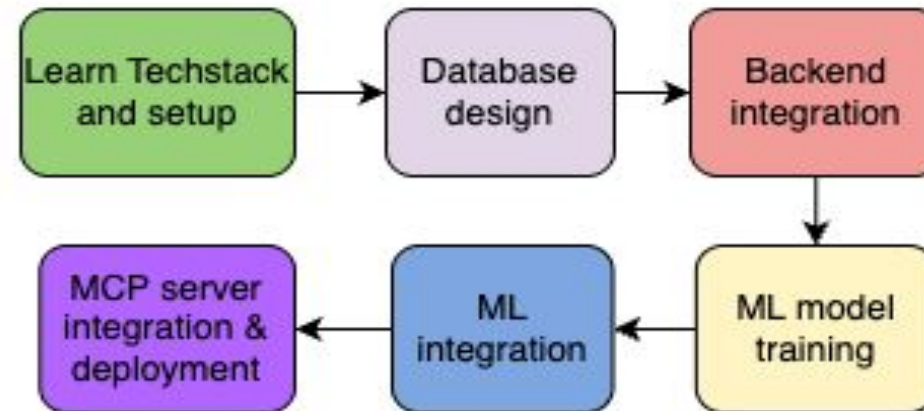
Ahmedabad
University

Introduction

- Connects farmers to consumers.
- Fills gap for small-scale producers.
- Offers early income support.
- Fosters organic farming talks.
- Ensures authentic, sustainable produce.
- Delivers to your table easily.



Methodology



Main Features

- **Community Engagement:** Connects users to share and discuss organic farming, boosting knowledge and collaboration.
- **Marketplace Platform:** Enables farmers to sell products with a smart recommendation system for buyers.
- **Admin & Farmer Dashboards:** Offers admins order management and farmers sales analytics with AI insights.
- **Multilingual News Feed:** Provides translated agriculture news with text-to-speech for accessibility.

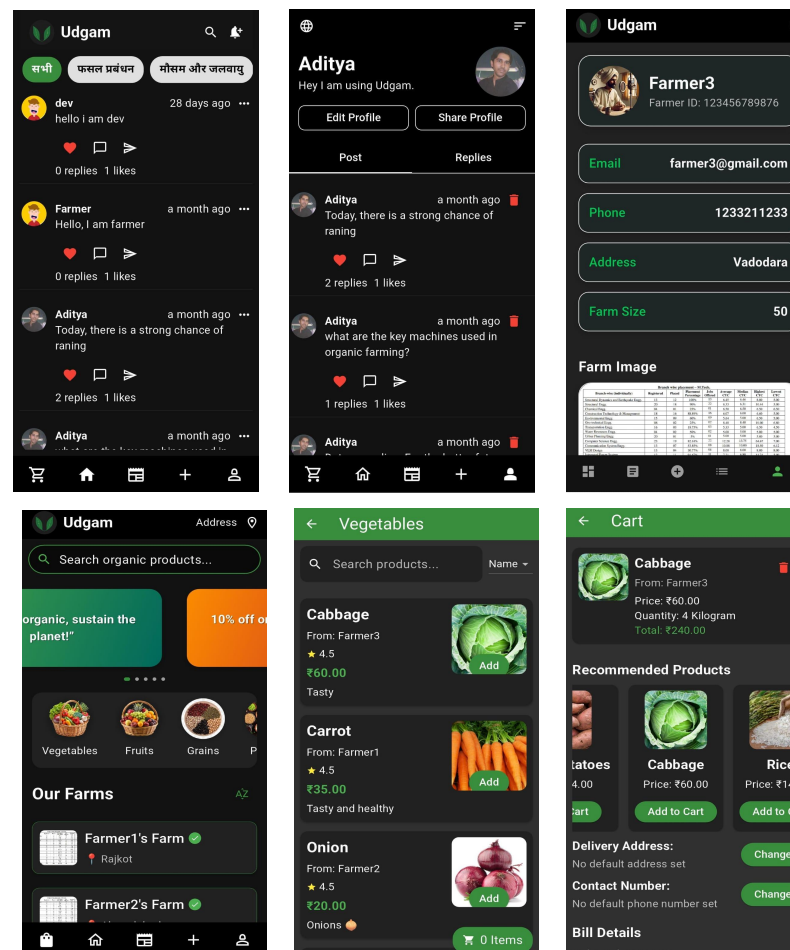
Analysis

FarmRise: Offers weather forecasts and crop advisory for farmers, but lacks community engagement and direct farmer-consumer links.

Kisaan AI: Provides AI-driven farming insights and market data, yet struggles with support for small-scale organic producers.

Jaivikkheti: Connects farmers to retail/bulk buyers via e-commerce, but limited infrastructure hinders scalability.

Results



Contributions

- API development
- ML integration
- Farmer connections
- Expert links
- User-friendly market
- Income boost