



AGRICONNECT

AgriConnect

Addressing Agricultural Challenges in Sri Lanka through ICT

Presented To

ICT4D Presentation

Presented By

Group 03



Our Team



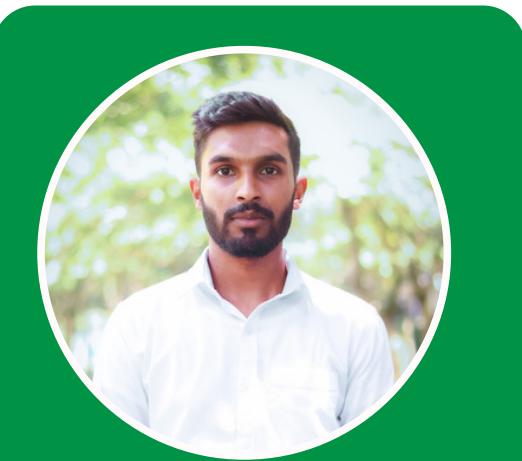
21020116
S.M.W.P.W.
Bandara



21020175
E.W.T.
Dhananji



21020787
R.M.S.D.
Rathnayaka



21020795
R.M.T.P.
Rathnayake



21020949
T.M.K.P.M.
Thennakoon



AGRICONNECT

Problem

01



Problem

Problem Statement

Agriculture is crucial for Sri Lanka's economy, but challenges like limited market access & middlemen who exploit farmers and cause disruptions in crop distribution impact farmers and society.

Impact

These challenges affect farmers' incomes and food security, hindering economic development.

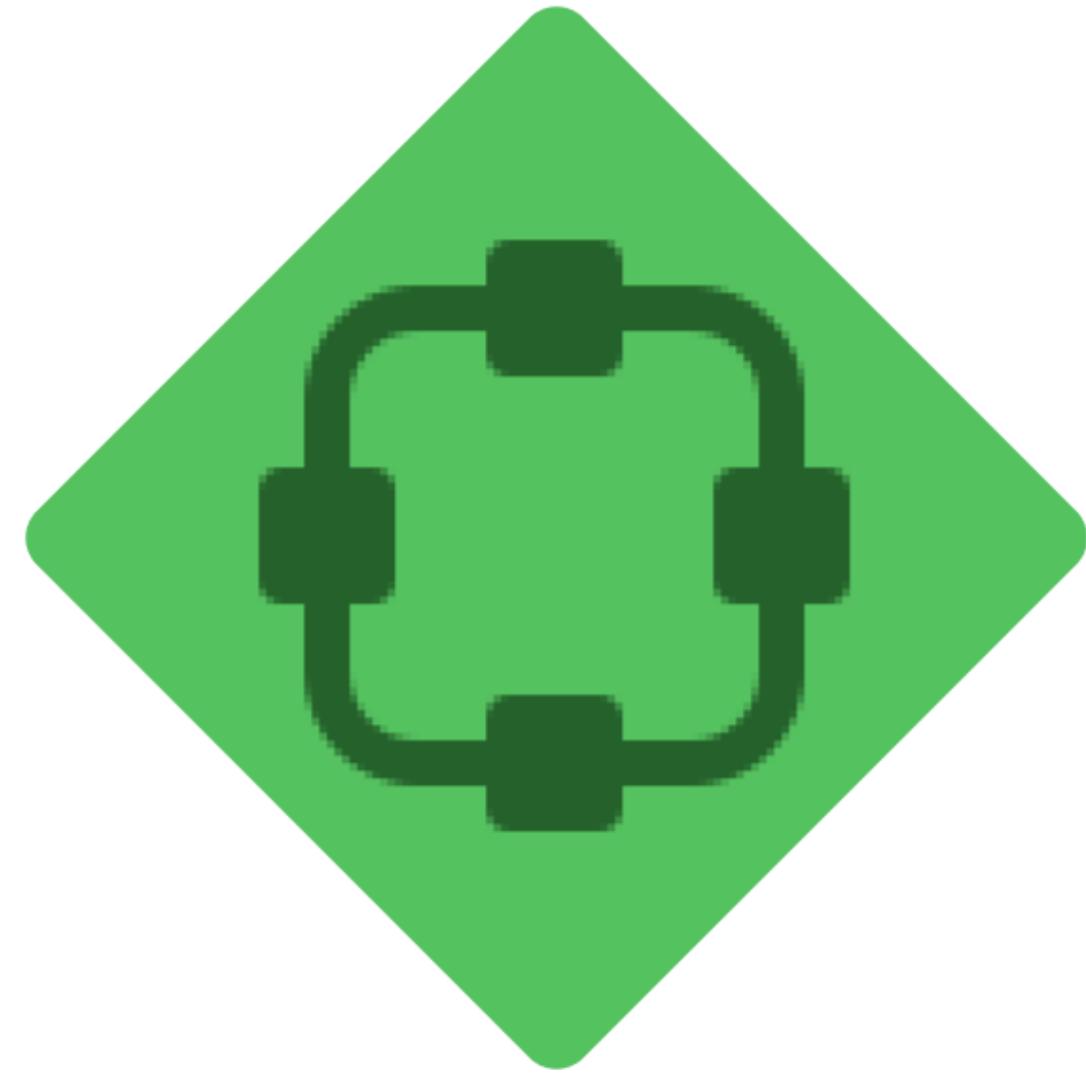


AGRICONNECT

Solution



Solution

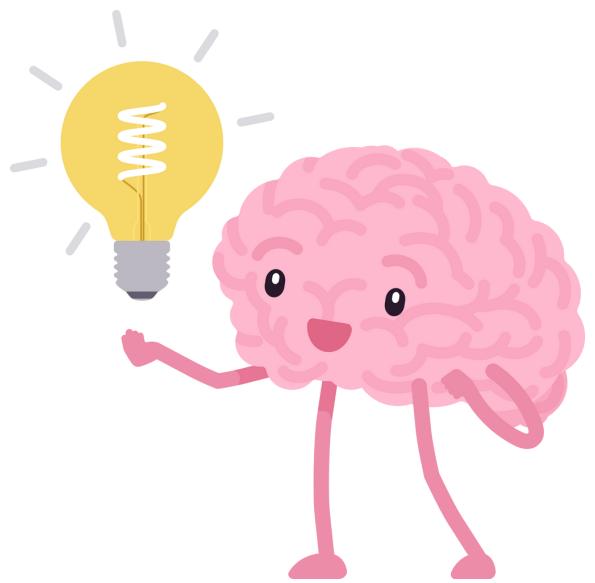


AgriConnect

Solution Cont.

Proposed Solution

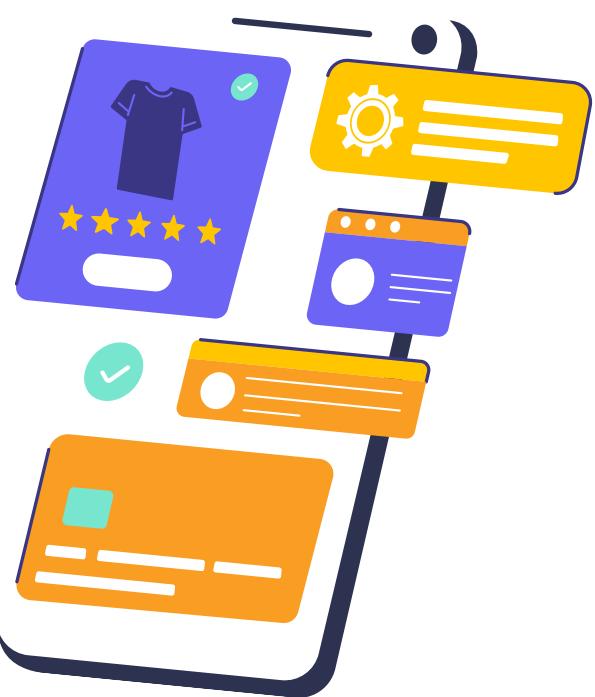
Agriconnect will be developed as a comprehensive platform leveraging ICT to directly connect farmers with consumers, thereby eliminating intermediaries and ensuring fair prices for agricultural products. The platform will integrate various features to address key challenges faced by farmers and promote sustainable development in rural areas.



Solution Cont.

Key Features

- Direct Farmer–Consumer Connection
- Supply Chain Optimization
- Financial Inclusion and Enhanced Farmer Income
- Empowerment and Capacity Building
- Market Diversification and Access to Alternative Markets



Solution Cont.

Benefits

- Streamlined Supply Chains
- Empowerment of Farmers
- Market Diversification and Income Enhancement
- Societal Well-being
- Financial Inclusion and Capacity Building



Solution Cont.

Benefits

- Streamlined Supply Chains
- Empowerment of Farmers
- Market Diversification and Income Enhancement
- Societal Well-being
- Financial Inclusion and Capacity Building





AGRICONNECT

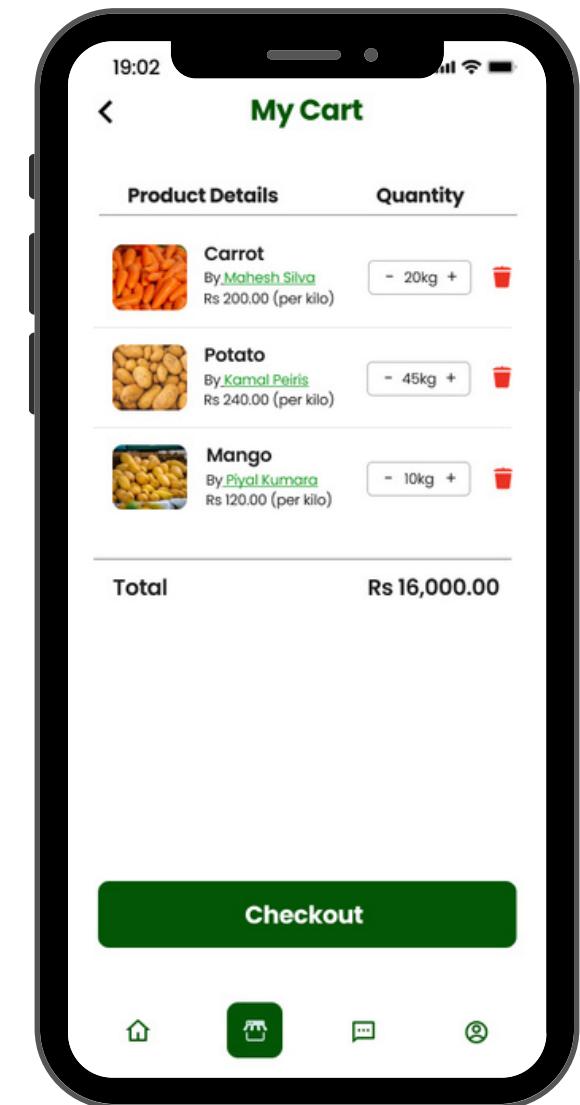
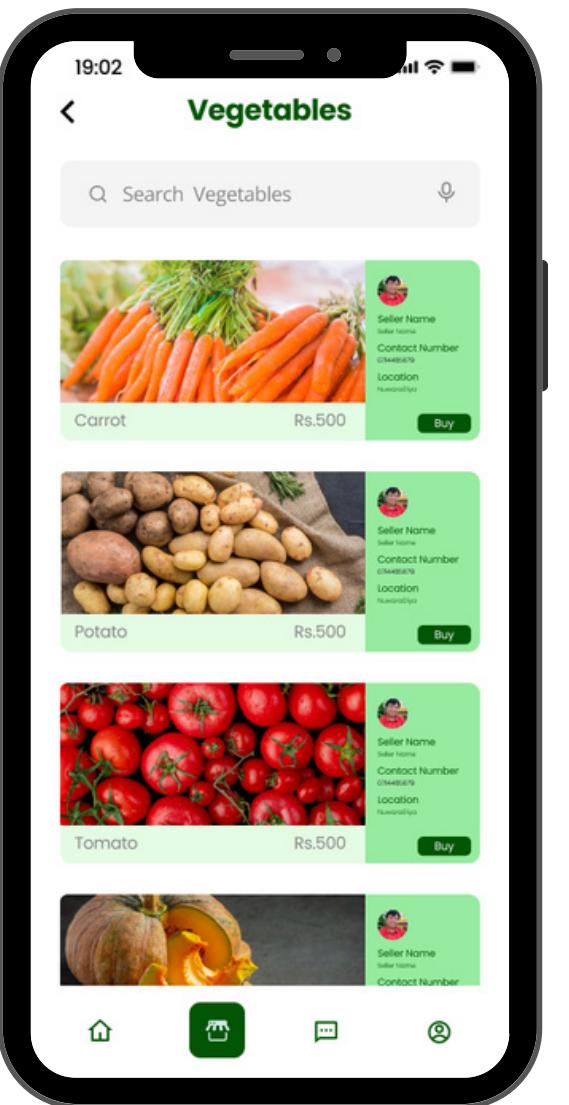
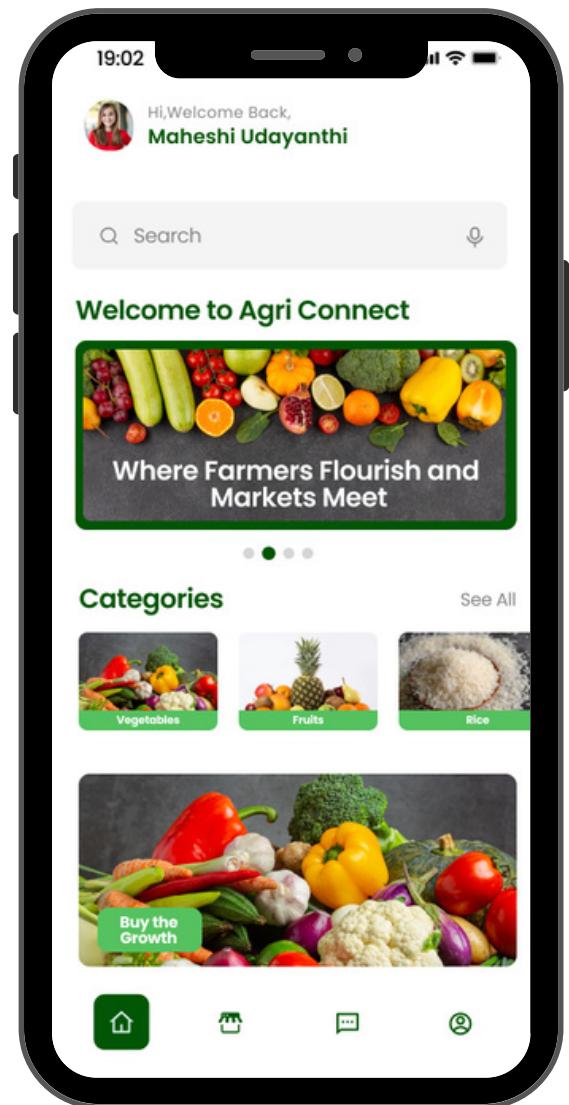
Prototype



Prototype



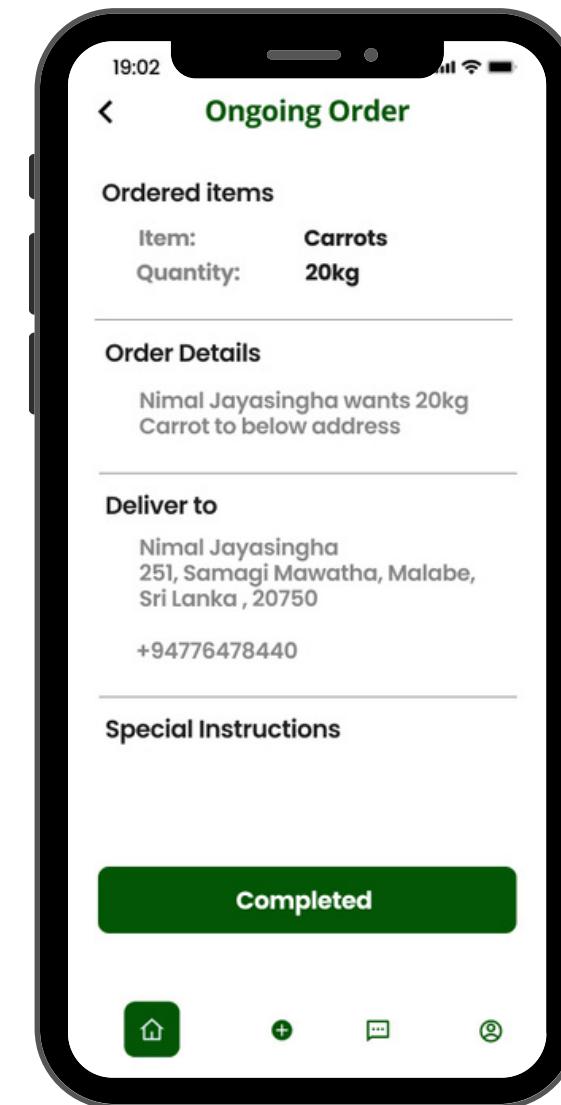
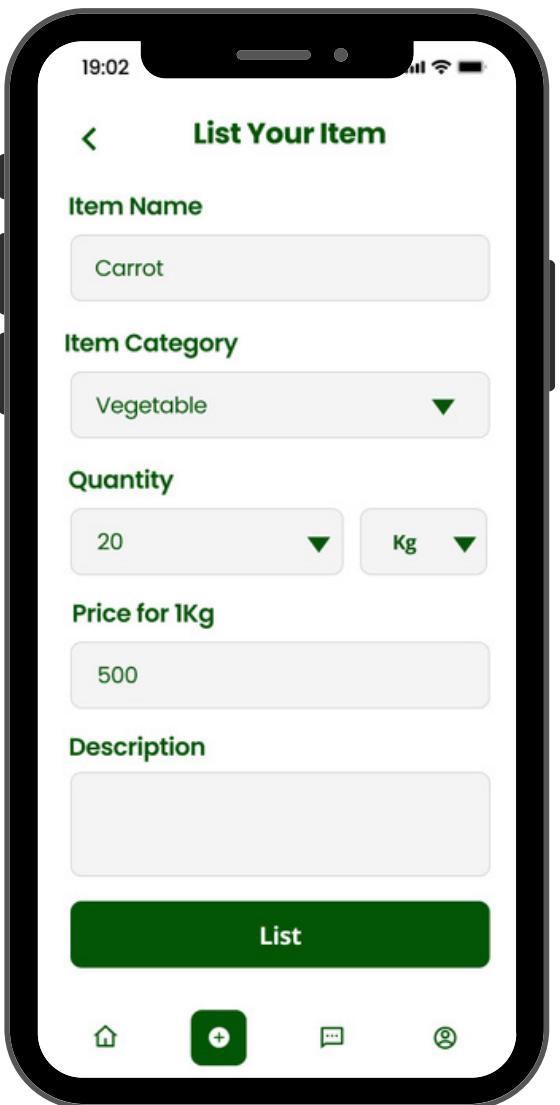
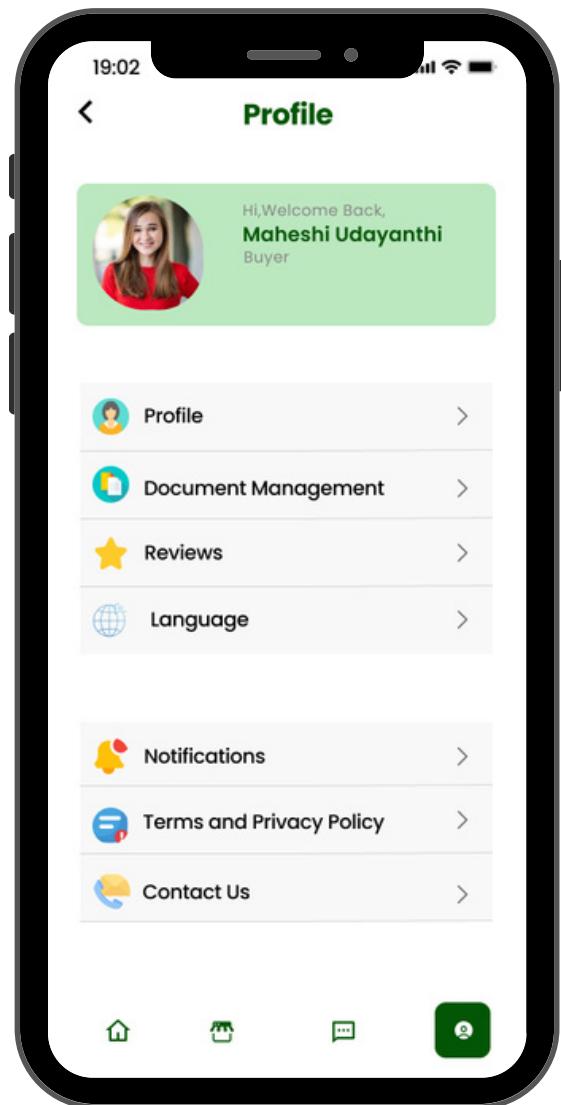
1. User-friendly interface for easy accessibility.



Prototype



1. User-friendly interface for easy accessibility cont.



Prototype



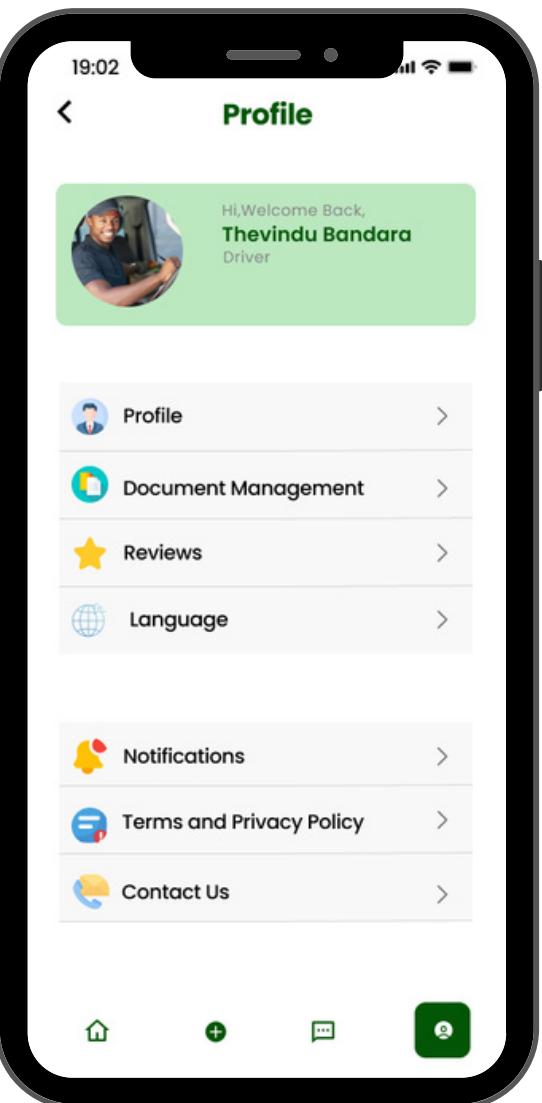
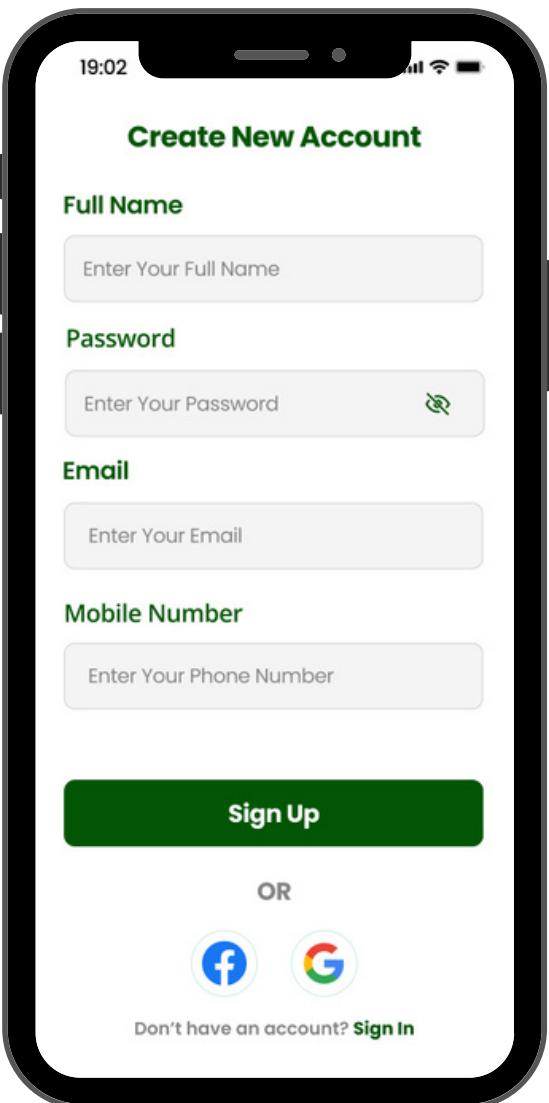
2. Offline functionality to accommodate areas with limited connectivity



Prototype



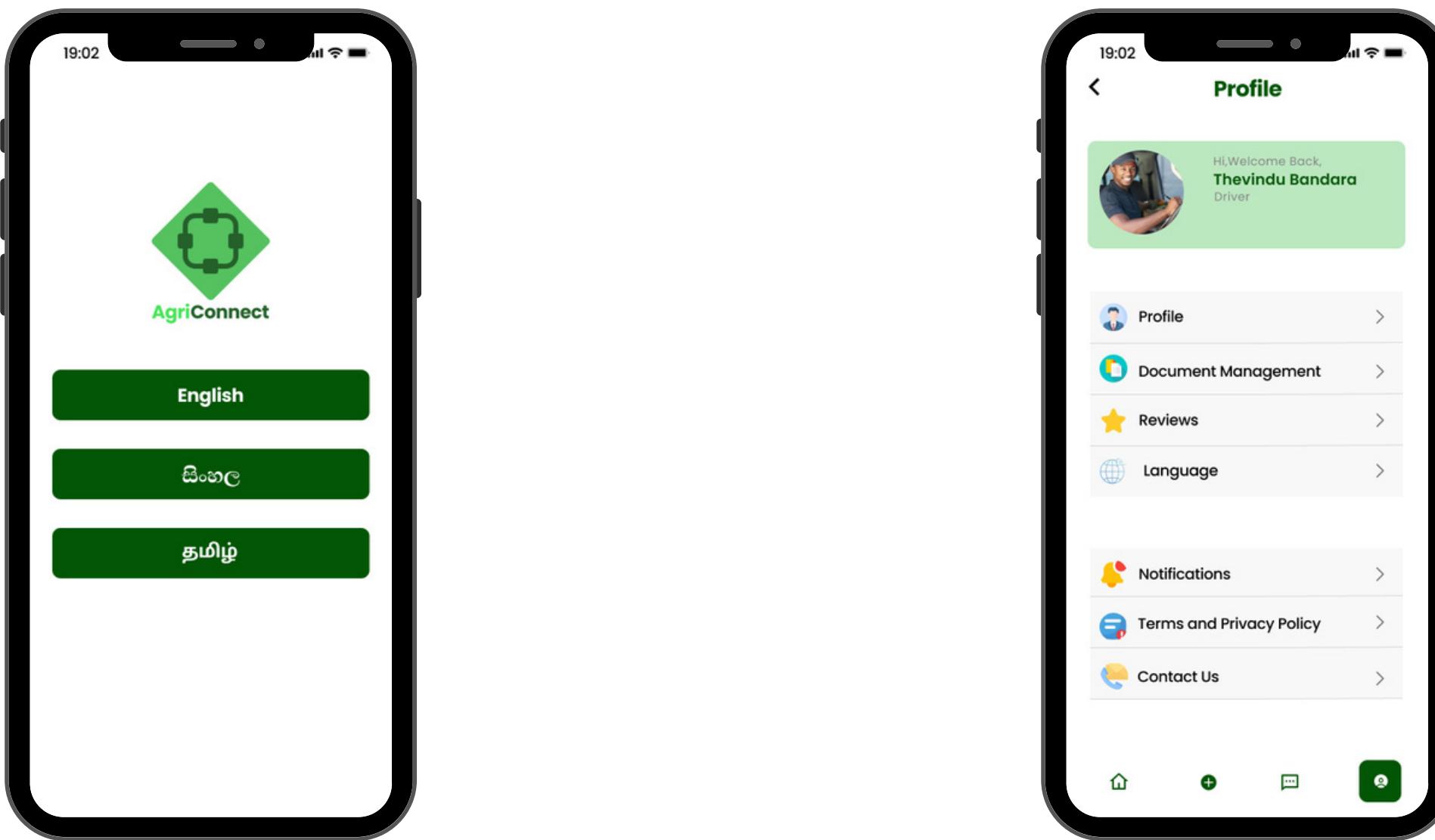
3. Security features to protect sensitive data



Prototype



4. Multilingual support to cater to diverse user groups



Prototype



5. The administrator ensures the smooth functioning and security of the system.

The image displays two side-by-side screenshots of the AGRICONNECT prototype application, showing the 'Settings' screen on the left and the 'Dashboard' screen on the right.

Settings Screen (Left):

- Header:** AGRICONNECT, Search bar, Logout icon.
- Sidebar:** Dashboard, Sellers, Buyers, Delivery Services, Settings (highlighted).
- User Profile:** Wikum Preethika, Admin, Contact Number: 070-1174567, Location: Kurunegala, Email: wikumad@gmail.com.
- Reports Last Updated:** 2024.04.07.
- Password:** Current Password (redacted), Edit button.
- Profile Deletion:** Delete button.
- Buttons:** Log Out.

Dashboard Screen (Right):

- Header:** AGRICONNECT, Search bar, Logout icon.
- Sidebar:** Dashboard (highlighted), Sellers, Buyers, Delivery Services, Settings.
- Statistics:** Total Customers: 500, Total Sellers: 100, Total Income: 10 000 LKR.
- Seller Data:** Seller Name, Location, Telephone Number, Action (View).

Wikum Preethika	Kurunegala	0714589657	View
Kaveesha Hettige	Galle	0714589657	View
Dilanga	Badulla	0714589657	View
- Buyer Data:** Buyer Name, Location, Telephone Number, Action (View).

Wikum Preethika	Kurunegala	0714589657	View
Kaveesha Hettige	Galle	0714589657	View
Dilanga	Badulla	0714589657	View
- User Profile:** Wikum Preethika, Admin, Contact Number: 070-1174567, Email: wikumad@gmail.com.
- Buttons:** Log Out.



AGRICONNECT

Demonstration





AGRICONNECT

Impacts of the Proposed Solution



Impacts of the Proposed Solution

- Enhanced farmer income
- Empowerment of small scale farmers
- Market diversification and opportunity accessing alternative markets





Problems related to real world Deployment



Problems related to real world Deployment

- Infrastructure and Resource Limitations
- Digital Literacy Barriers
- Trust and Reliability Concerns
- Resistance from Middlemen and Intermediaries





Solutions to overcome the Difficulties



Solutions to overcome the Difficulties

- Establishing support networks and regional service centers
- Implementing a customer support system that provides assistance
- Collaborate with farmer cooperatives, and government agencies to endorse and promote the credibility





Thank You



AGRICONNECT