

36%

73%

58%

 47Billion

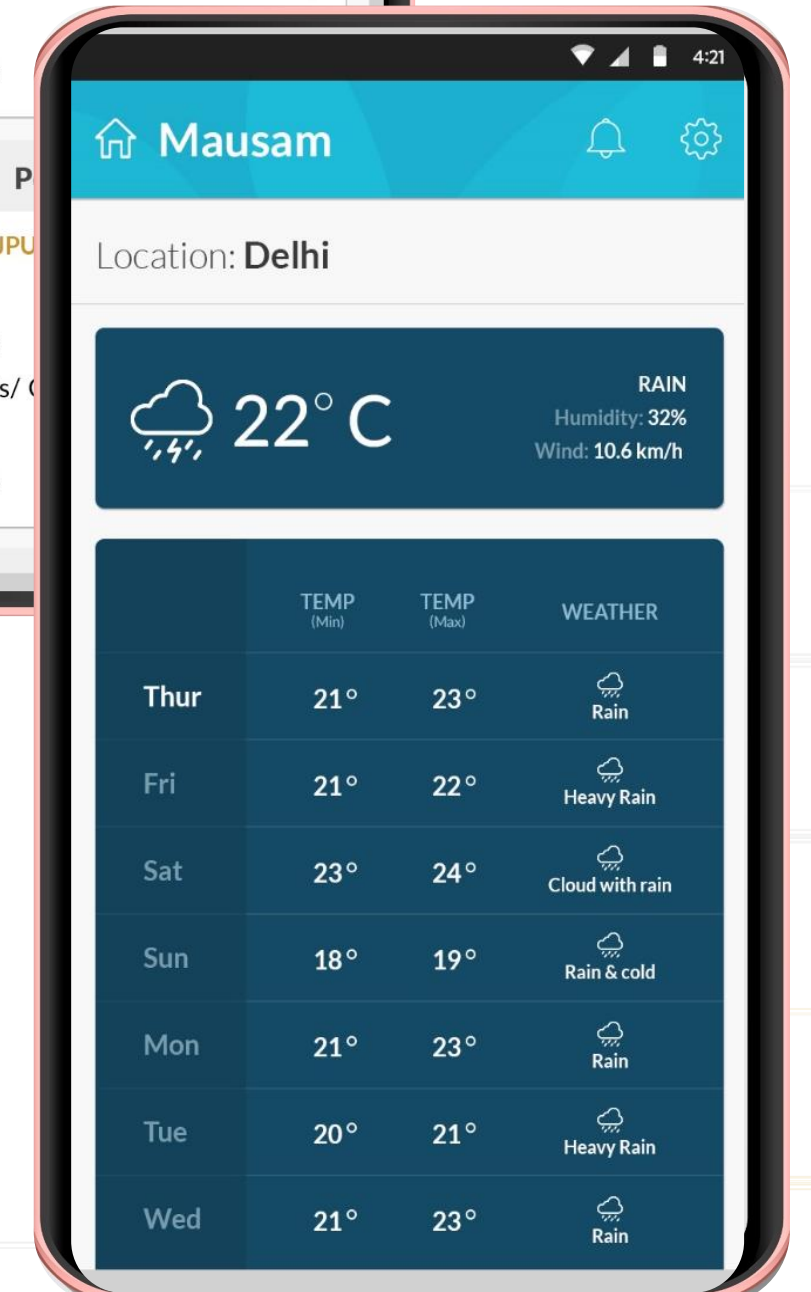
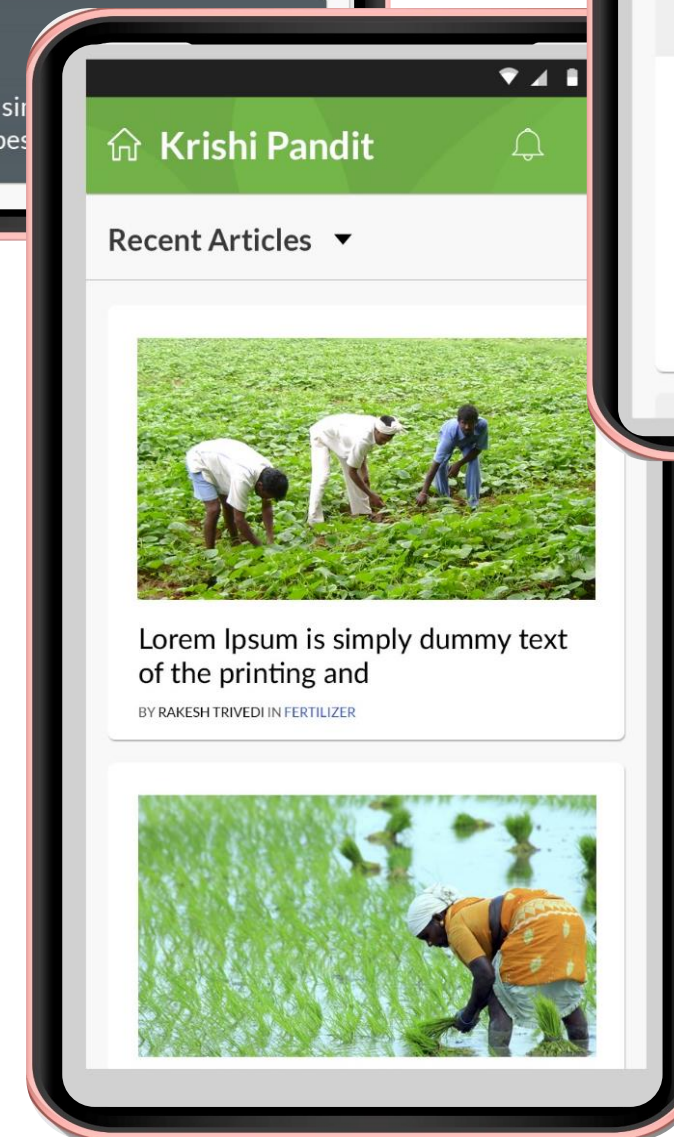
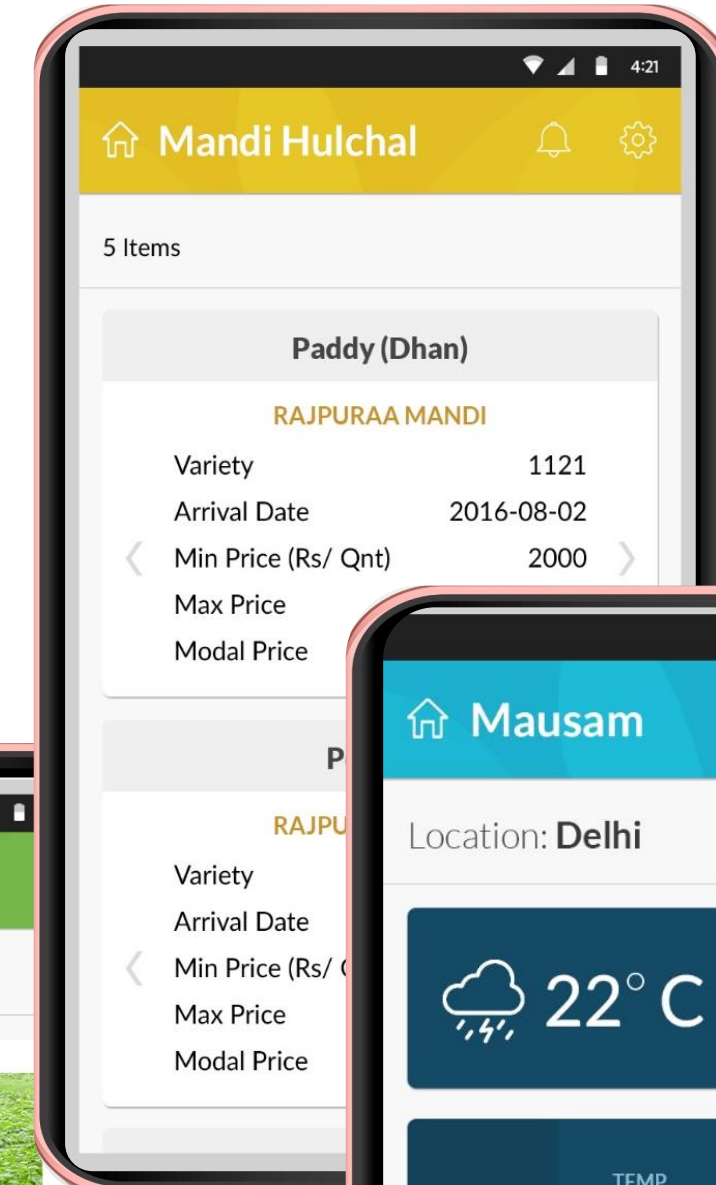
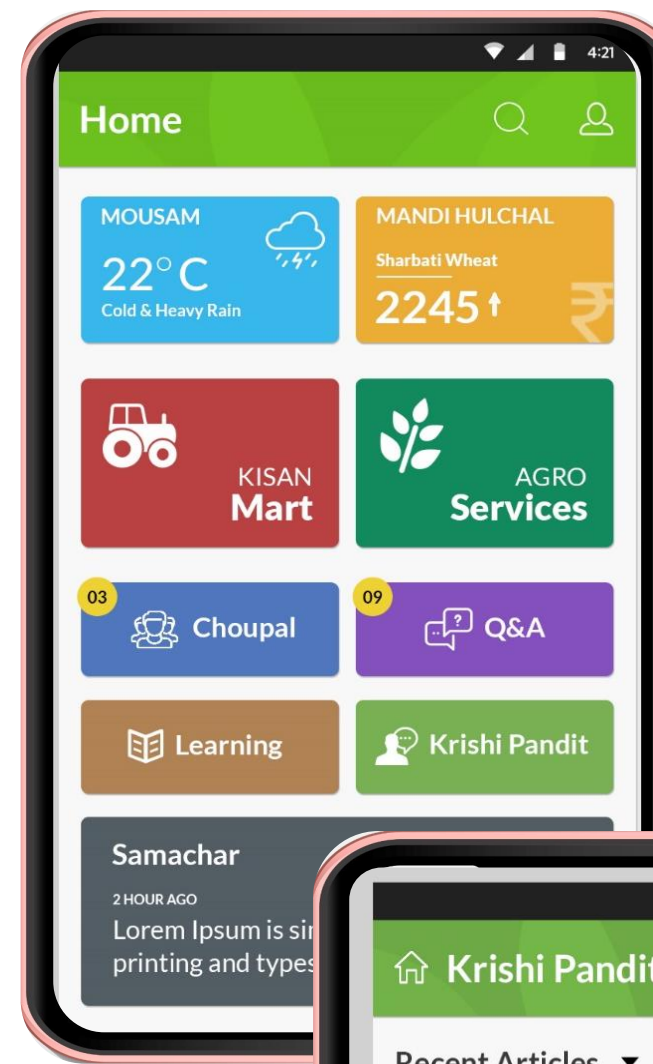
# AGRITECH

**"Our Success Stories"**



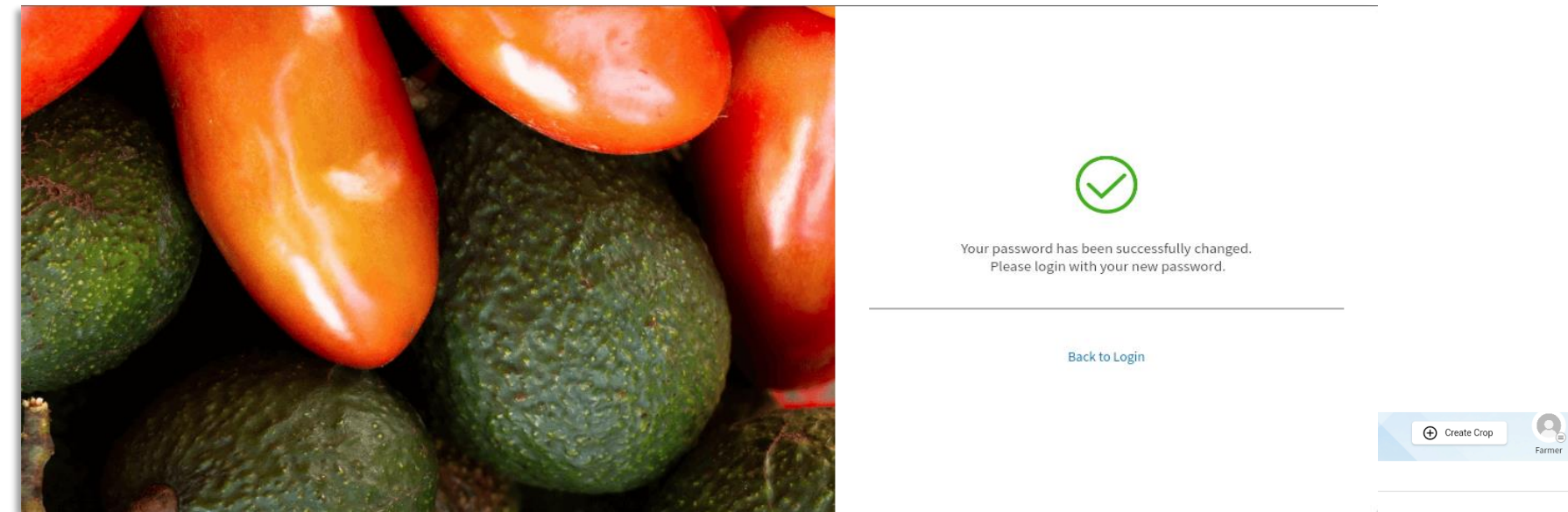
# Smart Outdoor Farming

- Cloud-hosted mobile app & web platform
- IoT induced real-time crop health, nutrient value, soil moisture monitoring and smart irrigation
- Analytics dashboard for deriving insights with nifty graphs ranging from satellite geo maps to trends



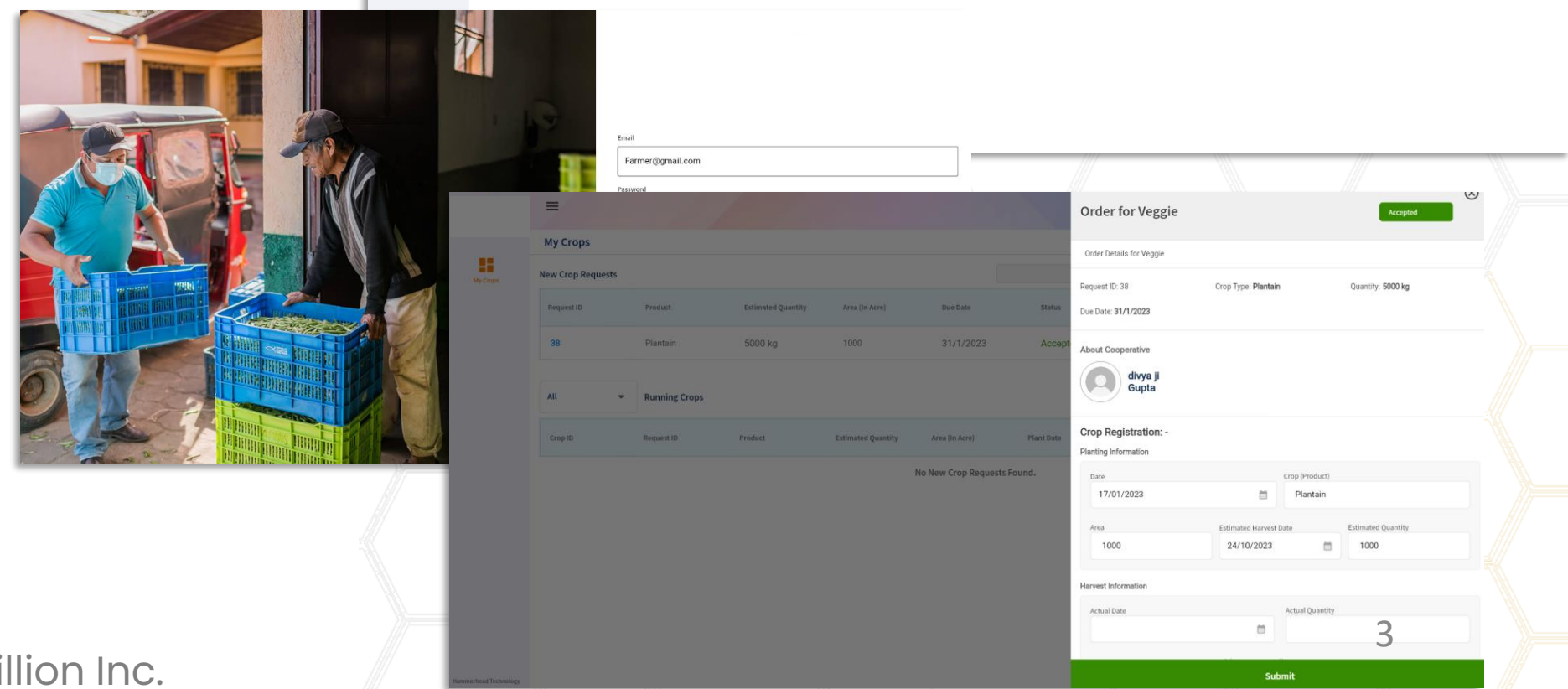
# Real-time tracking of crops & order management

- Web app that enables traceability of crops and order management
- Real-time crops and orders' record tracking
- Inventory management based on track records.
- Cooperatives and farmer engagement portal
- Order booking from farmers and clients for cooperatives
- Real-time order tracking
- Sustainable productivity and supply chain management
- Real-time weather updates for farmers
- Identification of pests and updates for relevant remedies



A screenshot of a "My Crops" dashboard. It features a table titled "New Crop Requests" with columns: Request ID, Product, Estimated Quantity, Area (In Acre), Due Date, and Status. Below this, a section for "Running Crops" contains a table with columns: Crop ID, Request ID, Product, Estimated Quantity, Area (In Acre), Plant Date, Estimated Harvest Date, Due Date, and Status. Two rows are visible in the "Running Crops" table, with the first row highlighted in red.

Request ID	Product	Estimated Quantity	Area (In Acre)	Due Date	Status			
No crop request found.								
All	Running Crops							
Crop ID	Request ID	Product	Estimated Quantity	Area (In Acre)	Plant Date	Estimated Harvest Date	Due Date	Status
41		Plantain	100 kg	1524	16/1/2023	29/7/2024	-	Planted
40	38	Plantain	1000 kg	1000	17/1/2023	24/10/2023	31/1/2023	Completed





# Real-time tracking of fish order management

- Web app that supports the sustainability of fishing and enables traceability of fish orders
- Real-time tracking of records of fish, fishers, vessels, and fishing sites
- Inventory and processed inventory management and maintenance based on track records
- Cooperative coordination and fish transportation assistance
- Real-time order tracking
- Automated supply chain management with real-time updates for every stage

The screenshot displays a web application interface for fish order management. It features a map at the top showing a location in India with coordinates 28°22'37.9"N 80°28'58.4"E. Below the map is a sidebar with navigation options: Inventory, Fisher Registration, Boat Registration, Fishing Point Registration, and Client Order. The main content area is divided into two sections: 'Inventory' and 'Fishing Point'.

**Inventory Table:**

Species	Date	Batch Id	Batch Weight (Kg)	Pieces	Avg Weight (Kg) By Piece	Fisher	Fishing Method	Fishing Point	Boat Name	Bin	Form
Canario	(3600.00 KG)										
wahoo	(3200.00 KG)										
Lusia	(2500.00 KG)										
Robalo	(2667.00 KG)										
Tiburón punta negra	(4000.00 KG)										

**Fishing Point Table:**

Fishing Point	Latitude,Longitude	Map Location	Favourite
Tango Mar	9.6846° N, -85.0111° W	<a href="https://www.google.com/maps/d/viewer?mid=1L_SqROFC30vehCLzUK3YymTh23SGoMw&amp;ll=9.684606000000002%2C-85.01113&amp;z=9">https://www.google.com/maps/d/viewer?mid=1L_SqROFC30vehCLzUK3YymTh23SGoMw&amp;ll=9.684606000000002%2C-85.01113&amp;z=9</a>	No Yes
Montezuma	9.6456° N, -85.0642° W	<a href="https://www.google.com/maps/d/viewer?mid=1L_SqROFC30vehCLzUK3YymTh23SGoMw&amp;ll=9.645636000000007%2C-85.064203&amp;z=9">https://www.google.com/maps/d/viewer?mid=1L_SqROFC30vehCLzUK3YymTh23SGoMw&amp;ll=9.645636000000007%2C-85.064203&amp;z=9</a>	No Yes
Bajo El frijol	10.1219° N, -85.2029° W	<a href="https://www.google.com/maps/d/viewer?mid=1L_SqROFC30vehCLzUK3YymTh23SGoMw&amp;ll=10.121926000000002%2C-85.202911&amp;z=9">https://www.google.com/maps/d/viewer?mid=1L_SqROFC30vehCLzUK3YymTh23SGoMw&amp;ll=10.121926000000002%2C-85.202911&amp;z=9</a>	No Yes
La Ensenada	9.9614° N, -81.4869° W	<a href="https://www.google.com/maps/search/?api=1&amp;query=9.9614,-81.4869">https://www.google.com/maps/search/?api=1&amp;query=9.9614,-81.4869</a>	No Yes
Sneha.fp1	9.9347° N, -84.0875° W	<a href="https://www.google.com/maps/search/?api=1&amp;query=9.9347,-84.0875">https://www.google.com/maps/search/?api=1&amp;query=9.9347,-84.0875</a>	No Yes
Kota	28.3772° N, 80.4829° W	<a href="https://www.google.com/maps/search/?api=1&amp;query=28.3772,80.4829">https://www.google.com/maps/search/?api=1&amp;query=28.3772,80.4829</a>	No Yes

**Fishing Point Registration Form:**

Name: Tango Mar  
Coordinates: 9.6846,-85.0111

Save

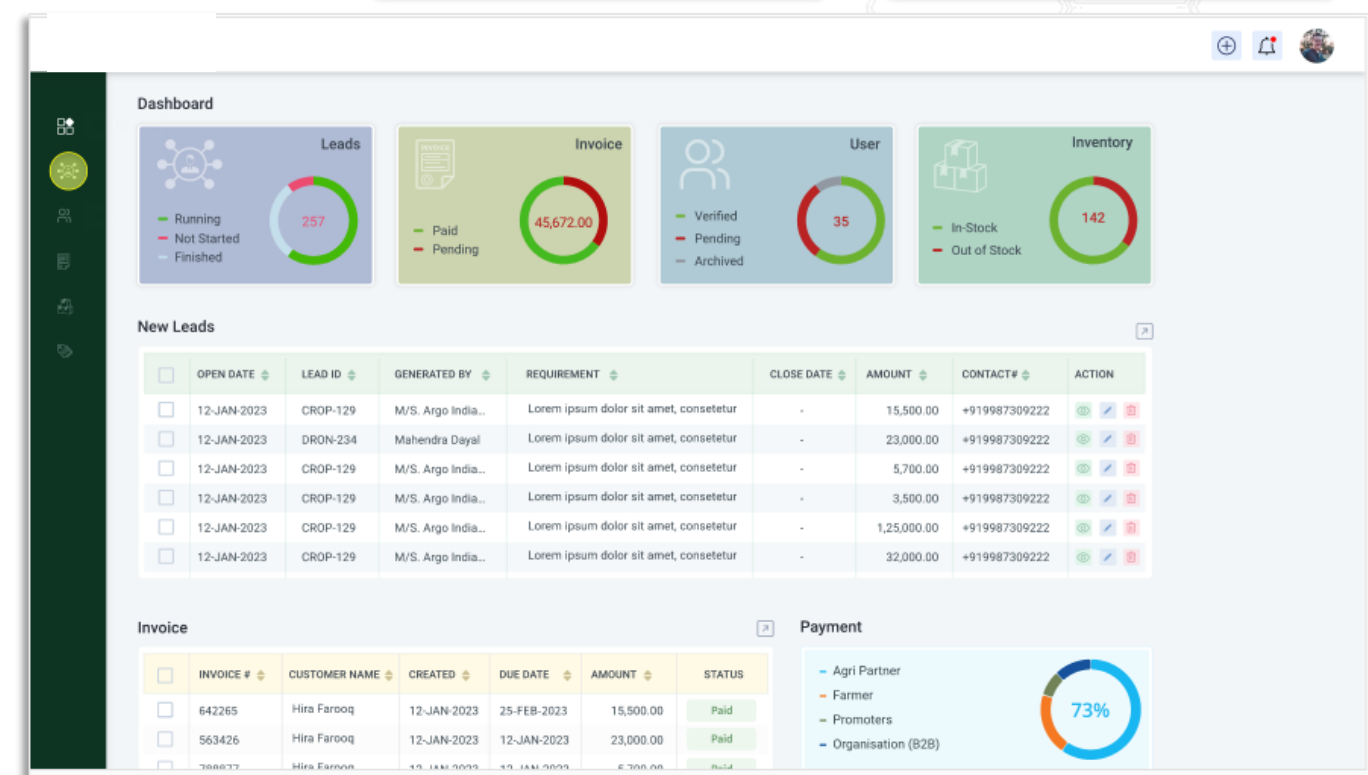
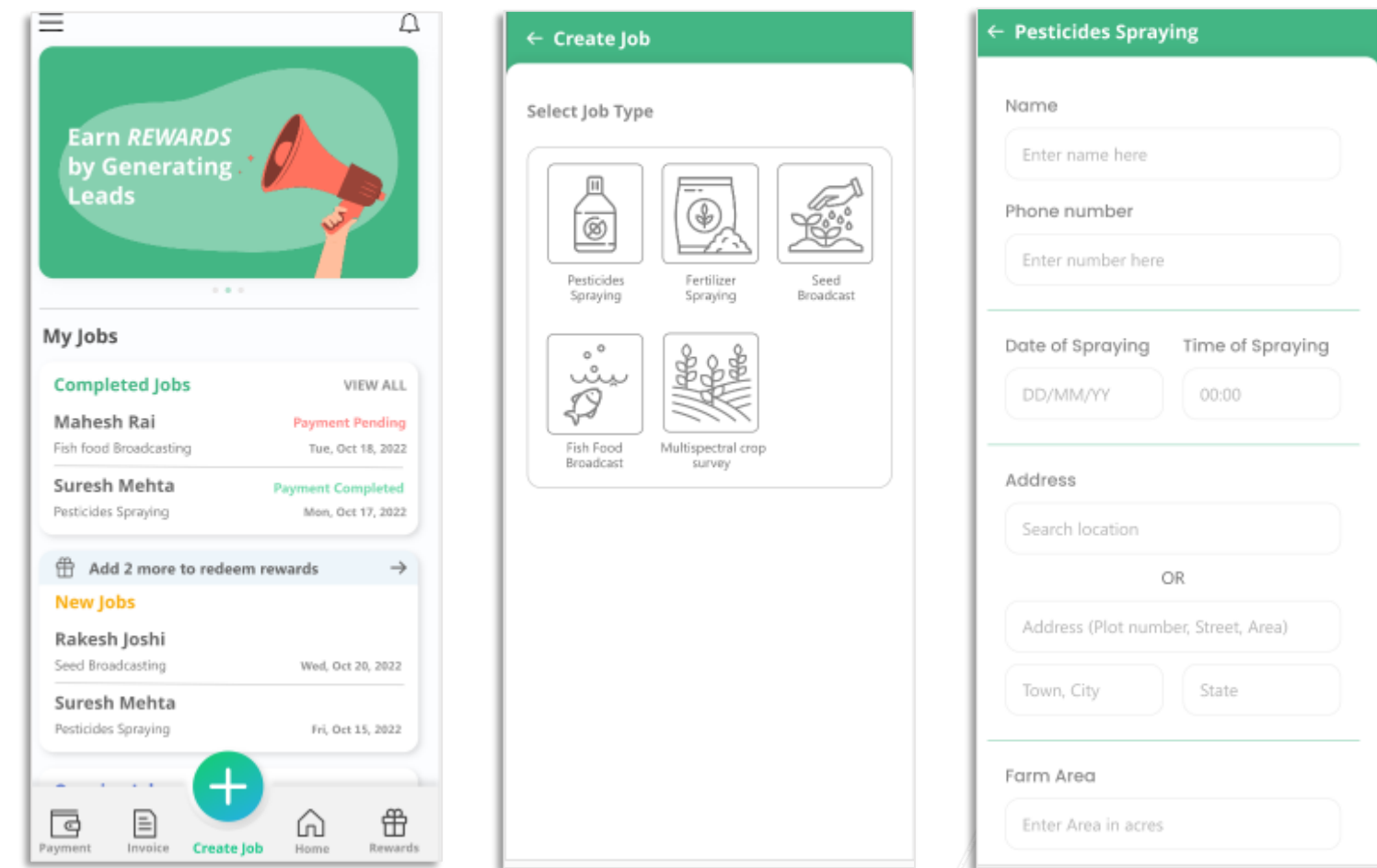
# Water Trading Platform

- The platform is divided into two segments – a mobile app used by farmers to trade water from the water market and an admin panel for tracking current market activities that is current and previous trades
- Transactions involve buying, selling, or leasing a water right, in whole or in part
- Automated trading activities based on the market price calculated based on demand and supply. It differs across regions and types of rights
- Efficient and effective water management solution for areas where drought and water scarcity are severe

The image displays three overlapping screenshots of the Water Trading Platform's admin interface. The top screenshot shows a 'Participants' list with columns for CombCode, No. Of SWN, Market Allocation, Location, Contact Name, Phone Number, Email, Pin, Status, and Actions. The middle screenshot shows a detailed view for 'DUDA-OX', including an 'Activity' table (currently empty), 'CombCode Info' table, and sections for 'Operator Info' and 'Owner Info'. The bottom screenshot shows the 'Add New Participants' form, which includes fields for 'Current Comb Code', 'PIN', 'Status', 'Name for Participation Agreement', 'Well Location(s)', 'Operator Details', and 'Well's'. A sidebar on the left of all screenshots contains navigation links: Dashboard, Market Activity, Bids/Offers, Participants, Transaction History, and Reports.

# Digital Platform simplifying Drone booking for farm practices

- The farmers can use the mobile app to book drones for various tasks such as pesticide spraying, fertilizer spraying, seed broadcast, fish food broadcast, and multispectral crop survey.
- The app can help monitor the booking and task status (Job).
- The second segment is the admin panel, which consists of all the job details, and the real-time monitoring dashboard, which consists of meaningful insights on leads, invoices, users, and inventory utilization.





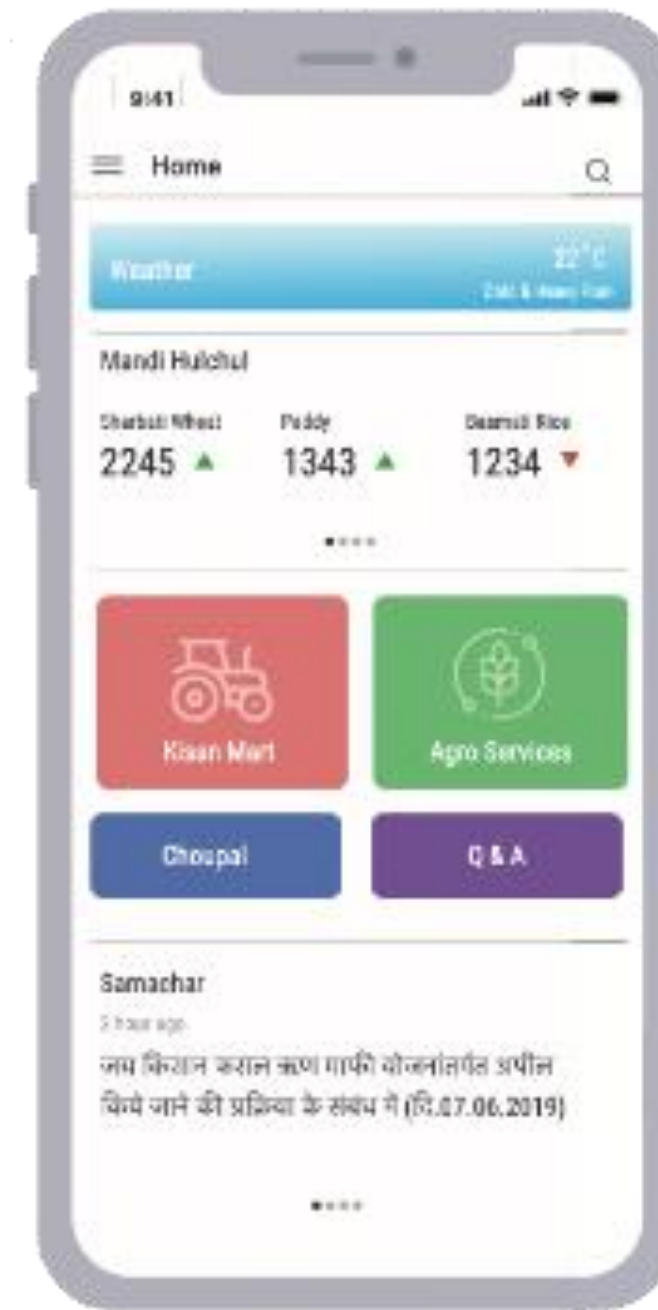
# Precision Urban Indoor Farming

- Real-time monitoring dashboard for indoor, climate-controlled, urban farms with vertical stacks of plants
- Sensors based plant health monitoring and feedback in real-time
- Automated ticket generation based on sensor thresholds
- Real-time visualization of sensor data
- Machine learning derived optimum recipes for multiple varieties of plants based on the feedback loop



# Automated Warehousing Services

- Cloud-hosted mobile app & web platform
- IoT induced real-time crop health, nutrient value, soil moisture monitoring and smart irrigation
- List and book warehouses for grain storage
- Front-end listing of nearest warehouses, booking management
- Payment Gateway Integration
- Space usage and availability tracking





# Technologies



android 



 MQTT



{ REST:API }



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THANK YOU!

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