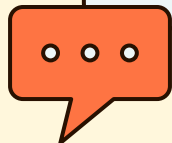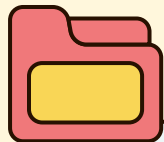# KisanGram

KISANGRAM

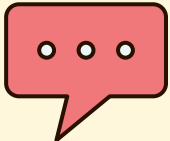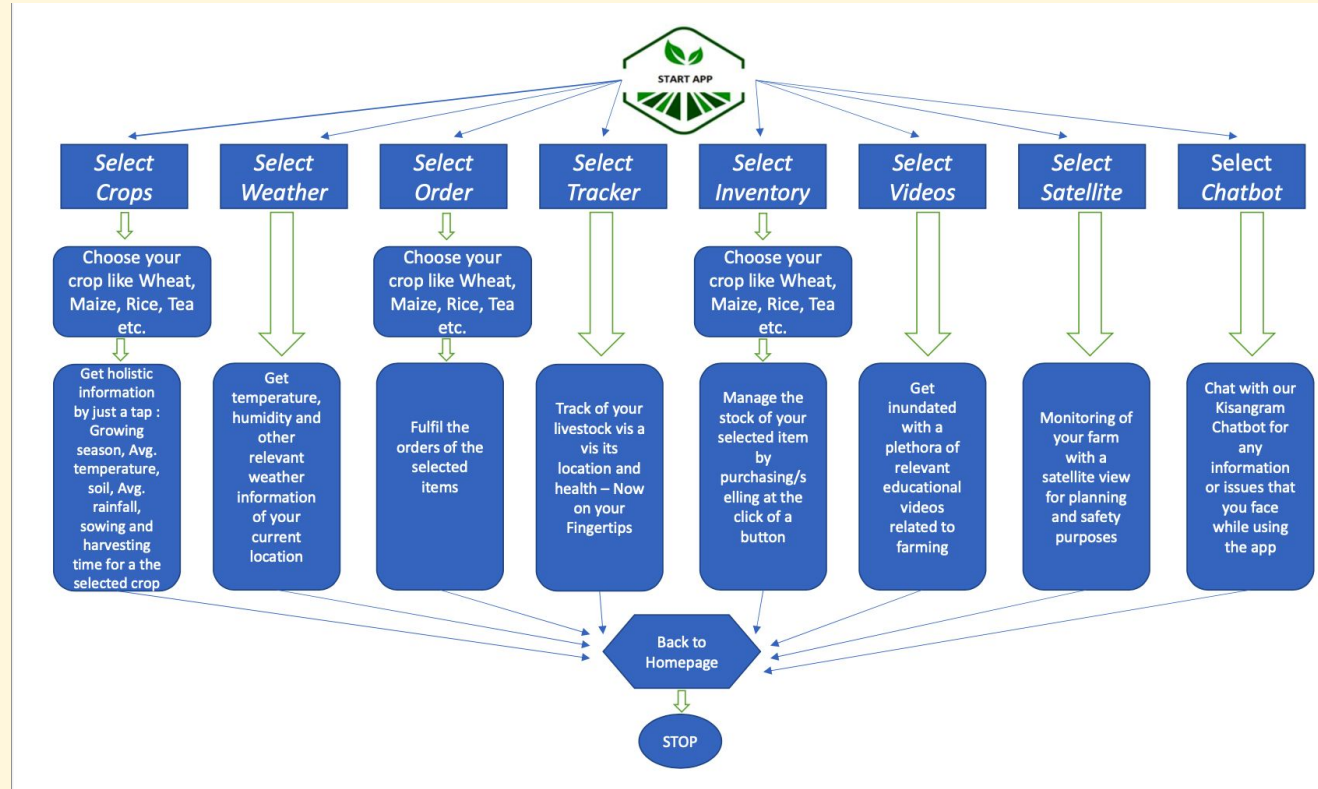One stop solution for all your farming needs

By- Amaira Goel

KisanGram is a complete solution for all your crop production and management needs. It has unique and easy user interface for farmers to use and understand. A key feature is the availability of using the app in hindi language as most of the farmer community of India understands Hindi only.

KISANGRAM

APP Flowchart

START APP

Select Crops	Select Weather	Select Order	Select Tracker	Select Inventory	Select Videos	Select Satellite	Select Chatbot

Choose your crop like Wheat, Maize, Rice, Tea etc.

Choose your crop like Wheat, Maize, Rice, Tea etc.

Choose your crop like Wheat, Maize, Rice, Tea etc.

Get holistic information by just a tap : Growing season, Avg. temperature, soil, Avg. rainfall, sowing and harvesting time for a the selected crop

Get temperature, humidity and other relevant weather information of your current location

Fulfil the orders of the selected items

Track of your livestock vis a vis its location and health – Now on your Fingertips

Manage the stock of your selected item by purchasing/selling at the click of a button

Get inundated with a plethora of relevant educational videos related to farming

Monitoring of your farm with a satellite view for planning and safety purposes

Chat with our Kisangram Chatbot for any information or issues that you face while using the app

Back to Homepage

STOP

KEY FEATURES

Inventory & Orders

Manage your stock and place orders to buy or sell items

Live Weather

Linked to weatherAPI and gives accurate and live weather details

My Crops

Get all the information about your crops at one place

Livestock Tracking

Get an alert if your animals go out of your farm

Satellite Monitoring

Helps you to get a better look at your farm and shortcomings via images

Chatbot

A chatbot created with Dialog Flow to help with navigation for app

Homepage

This is the homepage, the first page when the user opens the app. It has buttons for all the screens along with a side drawer to switch between them.

A key feature is the availability of using the app in hindi language as most of the farmer community of India understands Hindi only.

KISANGRAM

This is a one stop solution for all farming activities and management.

यह सभी कृषि गतिविधियों और प्रबंधन के लिए एक स्थान पर समाधान है।

- Crops (फसले)
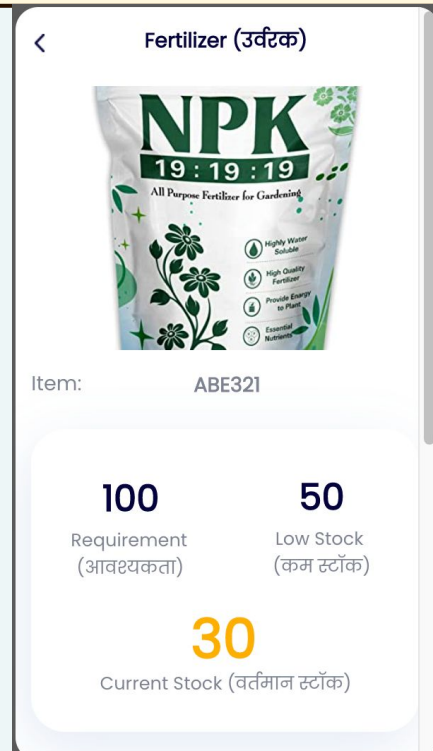- Inventory (माल)
- Tracker (ट्रैकर)
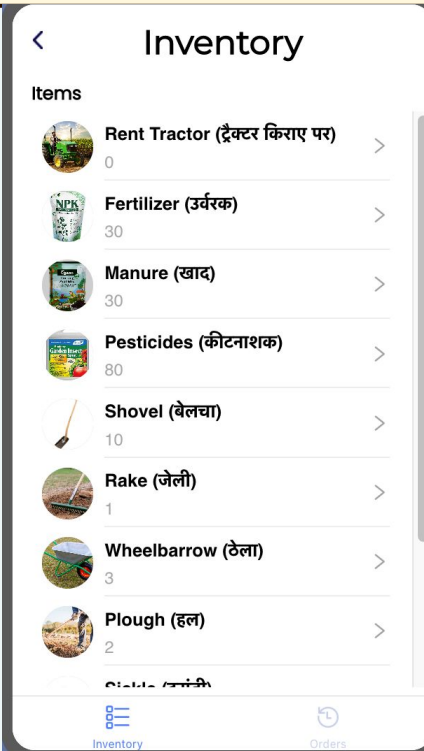- Orders (ऑर्डर)
- Weather (मौसम)
- Videos (वीडियो)
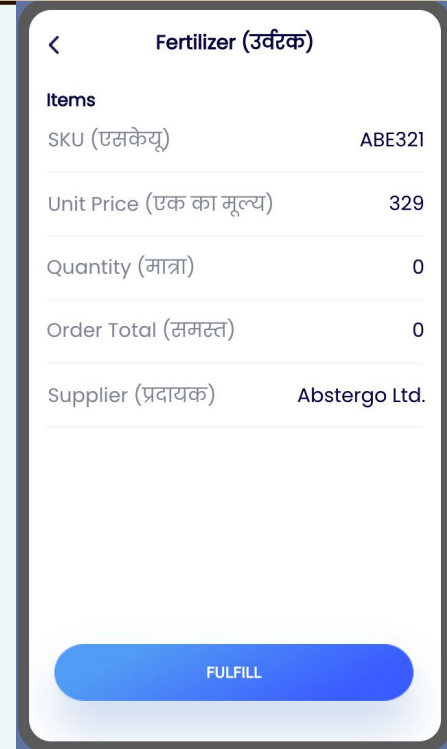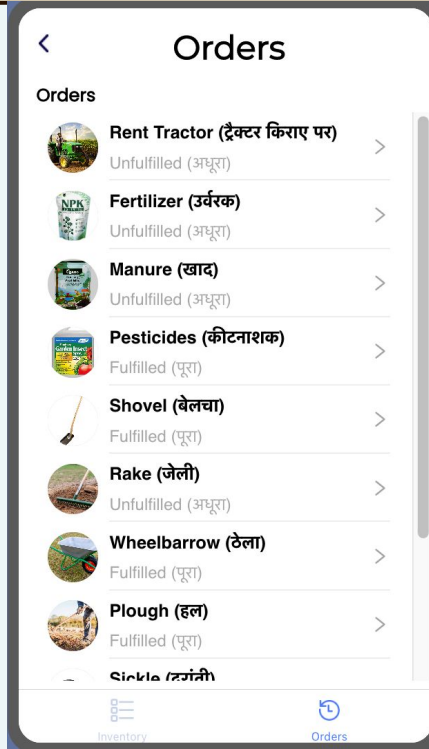- Monitoring (निगरानी)
- Chatbot (चैटबॉट)

Inventory

This is the inventory Page.
On clicking one of the items, it gives you all the information on the current stock, requirement etc.
From this page you can also buy and sell your stock.

Inventory

Items

Rent Tractor (ट्रैक्टर किराए पर) 0	>
Fertilizer (उर्वरक) 30	>
Manure (खाद) 30	>
Pesticides (कीटनाशक) 80	>
Shovel (बेलचा) 10	>
Rake (जेली) 1	>
Wheelbarrow (ठेला) 3	>
Plough (हल) 2	>
Sickle (हंसी)	

Inventory · Orders

Fertilizer (उर्वरक)

NPK 19:19:19 All Purpose Fertilizer for Gardening

Item: **ABE321**

100	**50**
Requirement (आवश्यकता)	Low Stock (कम स्टॉक)

30
Current Stock (वर्तमान स्टॉक)

Orders

This is the orders Screen. Once you have placed the order from inventory screen for the products, you can fulfill it from it. You will also get the information on which product requirement is not met yet.

Orders

Orders

Rent Tractor (ट्रैक्टर किराए पर)	Unfulfilled (अधूरा)
Fertilizer (उर्वरक)	Unfulfilled (अधूरा)
Manure (खाद)	Unfulfilled (अधूरा)
Pesticides (कीटनाशक)	Fulfilled (पूरा)
Shovel (बेलचा)	Fulfilled (पूरा)
Rake (जेली)	Unfulfilled (अधूरा)
Wheelbarrow (ठेला)	Fulfilled (पूरा)
Plough (हल)	Fulfilled (पूरा)
Sickle (हसंती)	

Inventory Orders

Fertilizer (उर्वरक)

Items

SKU (एसकेयू)	ABE321
Unit Price (एक का मूल्य)	329
Quantity (मात्रा)	0
Order Total (समस्त)	0
Supplier (प्रदायक)	Abstergo Ltd.

FULFILL

My Crops

This is the My crops Page. On clicking one of the crops, it gives you all the information on the growing season, avg temperature required, soil, rainfall, sowing and harvesting time.

Crops (फसलें)

Wheat (गेहूं)

Maize (मक्का)

Rice (चावल)

Tea (चाय)

Jowar (ज्वार)

Sugarcane (गन्ना)

Tea (चाय)
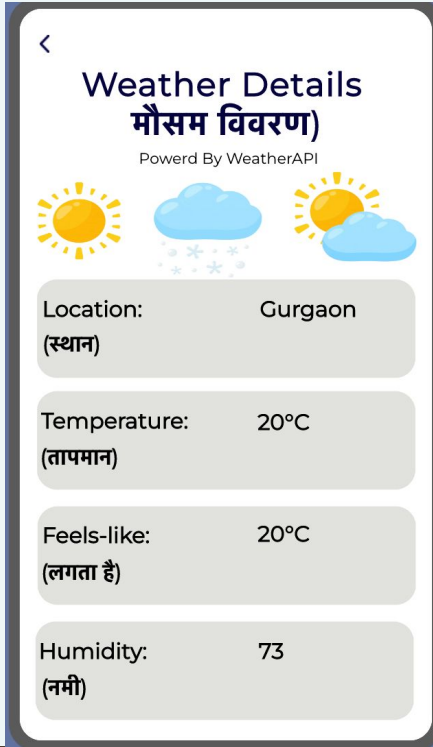
Growing season: (मौसम)	Kharif (खरीफ)
Avg. Temp: (तापमान)	18 - 30°C
Soil (मिट्टी):	Loamy soil (बलुई मिट्टी)
Avg. Rainfall: (वर्षा)	150-600 cm

Weather Details

This is the weather details page. It is connected to WeatherAPI.com. It gives you the current and accurate weather details of the set city which is currently Gurgaon, Haryana.

Weather Details
मौसम विवरण)

Powerd By WeatherAPI

|	
Location: (स्थान)	Gurgaon
Temperature: (तापमान)	20°C
Feels-like: (लगता है)	20°C
Humidity: (नमी)	73

Livestock Tracking

Livestock tracking is a unique feature of our app. It helps you get an alert if your cattle, goats etc. go out of your farm or the set parameter. With location and activity tracking, our wearable trackers can help make sure that all your farm animals are both safe and healthy. For availing this facility, you can buy the trackers from our app.

Livestock Tracking
(पशुधन ट्रैकिंग)

With location and activity tracking, our wearable trackers can help make sure that all your cows, sheep, goats etc. are both safe and healthy.

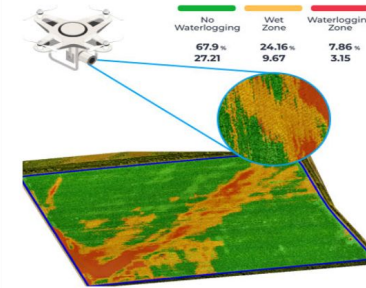Quick and Hassle-free integration

Your cow is here!
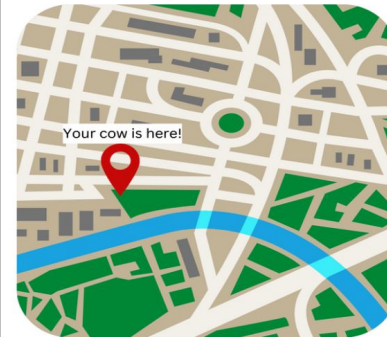
Satellite monitoring

Satellite tracking is a very unique and important feature. This helps you to get a better look at your farm and helps you to work on the shortcomings. This is all shown in the form of diagrams of the farm marking the affected areas. It gives you-1. The satellite view of your farm and its exact perimeter 2. The plants that you are growing and their health 3. The growing stage of your crop 4. The plants in 1 hectare of field 5. The waterlogged areas
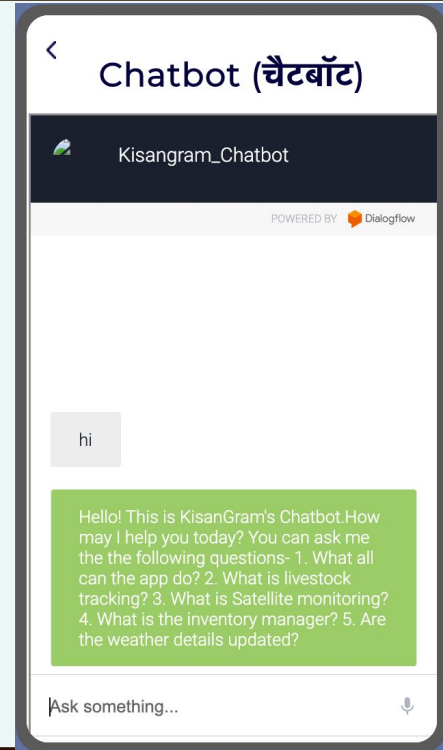

Satellite monitoring
(उपग्रह निगरानी)

No Waterlogging	Wet Zone	Waterlogging Zone
67.9 % 27.21	24.16 % 9.67	7.86 % 3.15

Marked Field: (चिह्नित क्षेत्र)   2.4 Hectares

Plant Name: (पौधे का नाम)   Corn

Growing Stage: (बढ़ती अवस्था)   V3

Chatbot

I have integrated a chatbot for KisanGram app to help the user navigate round the app. It is created using DialogFlow by Google and gives you all the required information about the app.

Chatbot (चैटबॉट)

Kisangram_Chatbot

POWERED BY Dialogflow

hi

Hello! This is KisanGram's Chatbot. How may I help you today? You can ask me the the following questions- 1. What all can the app do? 2. What is livestock tracking? 3. What is Satellite monitoring? 4. What is the inventory manager? 5. Are the weather details updated?
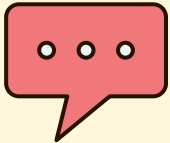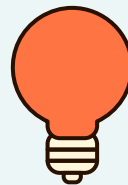
Ask something...

Help Videos

I have included Self-Help videos in both Hindi and English Language to help the farmers of India progress by learning and using simple tips and different tools.

App Video

THANKS!

Hope you liked my work!