

Draft version -

A-Commerce – Functions Overview

Agri Commerce – brings high level of below functions . Aims in promoting native breed/genetics ,preserving the local eco system , a sustainable self independent agriculture economy and a digital open space .

Creating a Digital platform to support the functions and to transform the knowledge across people

Knowledge Book

Livestock development, Integrated Farming, Monsoon Charts, Modern farm practices around the world, Disease Management, New Journals, Government subsidiaries, crop management

Buy and Sell

Dairy and Dairy Products, Poultry Products, Farm Products, Farm Medicines, Cattle Feeds, Cattle Accessories, Grains , Seeds, Farm Equipments, Natural Fertilizers, Farms/lands etc

Service

Bulls near by for mating , Doctors near by , Tractor/Crane service near by, Farm Equipments hire/rent, Mechanics near by, Borewell Machines near by, etc

Events

Events and related news/pictures/videos, Farmers crowd fund, awards, Expert workshops, volunteer meetings, Promoting local eco system, etc

Overview

On a broader view this projects aims in creating a Digital place for agriculture.
The project phase 1 includes various use cases like

- 'Find a mate bull'
- 'Find Native breed cow milk near by'
- 'Market place for cattle feeds, cattle equipments,milk products etc'
- 'Finding Veterinary doctor near by'
- 'Cattle sell/buy'
- 'Cattle Medicines'
- 'Open Source knowledge on cattle farming, integrated farming
- Success stories
- 'Expert videos on cattle growth, controlling diseases' etc,
- Buy country eggs , chicken near by (Cage free, free farmed)

The Aim is to promote 'Natural Farming' , 'Sustainable agriculture' , Healthy products to human consumption by providing a digital space where consumers and farmers benefit.

Beta Launch – Bull and Cow - Scope

- Finding a mate bull

This feature enables users to find a matting bull near by or access to those who can provide service for free or for a cost. Geo location enabled features shows the availability of matting bulls nearby. Farmers can register their bull if they can provide service to others.

- Finding Native cow breed milk near by

This features enables users

- Register in the system to sell native cow milk or/and milk products
- Search for near by native cow milk providers or the milk products

Registration of bulls and cows into the system

- System shall allow the farmers to enter the details of the bull and cow
- Registrations are authenticated with OTP and SMS
- Location of the cows/bulls are verified along with GPS location of the users while registering

Registration of cow

choose bull or cow then separate registration flow for cow and bull

- cow or bull (tick box only one allowed)

For cow

Name of farmer/owner of cow

cow breed

Age of cow

colour

Location

Address

Phone number

Milk available for sale

- Selected from possible values (not free text)
- range of numbers
- from list of possible patterns
- Entered by user and system validates from the locations
- Entered by user
- (SMS verification)
- Yes or No

Photos/Videos -Limit to 5 photos and 2 videos
Email Id

For Bull

Name of farmer/owner of bull
Bull breed - Selected from possible values (not free text)
Age of bull - range of numbers
colour of bull - from list of possible patterns
Location - Entered by user and system validates from the locations
Address - Entered by user
Phone number - (SMS verification)
Available for mating - Yes or No
Photos/Videos - Limit to 5 photos and 2 videos
Email id

#Photos should include a image verification using AI based classification

Doctor Registration

Name of Doctor
Address
Location
Phone Number
Days available
Time available
Fees (Not mandatory)
Email id
Service location range - Mention the km's

Other details to be captured (not from user input but as system information)

Date of registration
Geo location
IP Address
Device type

Market Place

Buy and Sell with categories
- Cattle feed
- Medicines
- Accessories for cattle
- Machineries

Communication/Chat

Interface to allow farmers and consumers to communicate through text messages

Phone number

Not shared in public/private