

ONLINE KRISHI BHAVAN - AGROCOMPANION

Scrum master : Ms. Shelly Shiju George

Submitted by

Binisha C B

S3 RMCA A

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REQUIREMENT GATHERING

Project overview

"Online Krishi Bhavan" is a digital agricultural platform designed to empower farmers and enhance agricultural productivity. This project aims to provide farmers with easy access to essential agricultural information, resources, and government schemes online. It offers features such as real-time weather updates, crop advisory services, market prices, and online procurement facilities. Through this initiative, farmers can make informed decisions, connect with experts, and access financial support, ultimately promoting sustainable farming practices and rural economic development. Online Krishi Bhavan seeks to bridge the digital divide in agriculture, fostering growth and resilience in the farming community.

To what extent the system is proposed for ?

The proposed "Online Krishi Bhavan" system aims to provide comprehensive support to the agricultural sector by offering a wide range of online services. It intends to cover various aspects, including access to agricultural information, expert advice, weather updates, market data, and government schemes. Furthermore, it seeks to facilitate online procurement and financial assistance for farmers.

Specify the Viewers/Public which is to be involved in the System?

- Agricultural officers/staffs
- Farmers
- Agri-Marketers
- Suppliers

List the Modules included in your System?

- Admin
- Officers/staffs
- Farmers
- Services
- Marketing

Identify the users in your project?

- Farmers
- Agricultural officers/staffs
- Marketers
- Suppliers

Who owns the system?

Department of Agriculture & Farmers Welfare

System is related to which firm/industry/organization?

Krishi bhavan – Department of agriculture

Details of person that you have contacted for data collection?

Agricultural officer

Chazhur krishi bhavan

Questionnaire to collect details about the project?

1. Is there any existing website for controlling krishi bhavan activities?

Yes, Currently krishi bhavan activities are controlled through the AIMS portal.

AIMS - <https://www.aims.kerala.gov.in/>

2. What are the limitations of the existing system?

The current system-AIMS portal is mainly for insurance,natural calamity,paddy royalty and government schemes . Most of the activities are done through the krishi bhavan directly. Also different activities are controlled by different sites. Land related activities are done through the RELIS portal, fertilizers and pesticides licencing and related activities through KSWIFT , new projects and schemes are entered through SULEKHA portal.

KSWIFT - <https://keralaagriculture.gov.in/en/kswift/>

RELIS - <https://revenue.kerala.gov.in/>

SULEKHA - <https://plan.lsgkerala.gov.in/formulation/>

3. What are the changes to be brought to the existing system?

Linking all the activities through a single site will be beneficial for both farmers and officers.Controlling marketing of fertilizers,equipments,livestock products through a single site. Gave marketing support to farmers so that they can sell their products as per their needs.

- Disaster preparedness
- Community engagement
- Marketplace integration

4. What information will be required for farmer registration?

Farmers can register with their aadhar number.Other documents required are

- Identity proof of the farmer
- Domicile certificate
- PAN card(optonal)
- Bank account details
- Land record
- Mobile number

5. How will officers and staff members be registered and assigned their roles?

Officers and staffs can be registered using their aadhar number and their krishi bhavan details. Agricultural officer assign roles of the assistant officers and other staffs.

6. What types of training resources and materials will be provided to users, particularly to assist farmers in using the platform?

- Video tutorials
- Voice based assistance
- User guides and manuals in multiple languages
- Webinars and workshops
- SMS and email reminders

7. Farmers may have different levels of technical proficiency. What are the specific usability requirements for the user interface?

Allowing users to prefer their language and notification setting. Allow to resize the text as per the user needs mainly for people with visual impairment

8. How will the platform ensure trust and transparency in marketplace transactions?

Users, both buyers and sellers must complete user verification providing government id. Allow buyers to rate and review sellers based on their experiences. Providing verification badge for sellers who completed their verification. If there is any issues arise that particular buyer or seller cannot make further transactions.

9. How will users provide feedback or report issues with the platform?

Providing feedback form and an option for users to attach screenshots or files if they are reporting a specific problem. Periodic surveys to gather feedback on user experiences.

10. How will farmers and stakeholders engage with each other through the platform?

Providing an option to create communities so that farmers can create communities based on their locality and can join the community. They can communicate with each other, share their experiences, new technologies and marketing techniques.