



A farmer admin collaboration platform

# Meet the team:



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# Problem statement:

Develop an app / web based solution with farmer and admin interface. Admin can create instances of folders and assign farmers to folders depending on regions or crops. Farmers can upload images and data related to whatever is assigned to them. You can make assumptions wherever needed.

# Approach:

- Our approach towards this problem was a web based application based on React.js because of its different frameworks and its flexibility.
- We chose web based application because it can be accessed on both mobile as well as any native browser.

# Introduction:

- Technological innovations may significantly increase the production and efficiency of agriculture, which is the foundation of many economies.
- By offering an intuitive user interface for smooth data interchange and communication, our system seeks to close the gap between farmers and administrators.

# Working:

- Upon accessing the website farmers will have an option to log in into their accounts and access the user dashboard for any sorts of error/warning as well as suggestions for a better yield.
- Our 24 hour costumer service will have the access to admin dashboard in order to issue any sorts of warnings.
- Upon analyzing the images our proprietary algorithm will give suggestions to the farmers based on the geographical climate and images uploaded by them.

# Features:

- Admin dashboard
- User dashboard
- Image uploading
- Warning system
- Suggestion algorithm
- 24x7 support

# Future addons:

- React native based app for android as well as IOS.
- Live weather map.
- Ability to add sensors for more precise data for better recommendations.
- Integration of farmers market place in order to sell the crops or to buy the seeds.
- Social Media for farmers.



**GitHub link:**

[https://github.com/Saaalil/Galti\\_Se\\_IoT](https://github.com/Saaalil/Galti_Se_IoT)