We are looking for answers to the following -

1. Broad vision of what all to achieve

2. Modules/sub parts detailing the implementations

3. What all we can target to build in 5 weeks

## Broad Vision

1. Crowd sourced hyper local weather predictions
2. Crowd sourced hyper local pest activity
3. Crowd sourced Agri insights: eg selection of seeds suited to a particular climate, reducing the risk of crop failure - [Tricot](https://www.scidev.net/global/agriculture/news/citizen-science-helps-farmers-adapt-to-climate-change.html)
4. Crowd sourced and government released Agri updates - [FarmChat](https://www.ictworks.org/farmer-chatbot-india/)
5. Finance planning for farmers (see [here](https://www.microsoft.com/en-us/research/publication/digitizing-monetary-ecologies-intended-and-unintended-consequences-of-introducing-a-financial-management-app-in-a-low-resource-setting/))
6. Loan management (see [here](https://www.microsoft.com/en-us/research/publication/prayana-a-journey-towards-financial-inclusion/)), deliver credit, insurance, pensions services (see [here](https://esoko.com/portfolio/protecting-smallholder-families-with-microinsurance/)).
7. Agricultural planning for farmers (monthly, half yearly, annually)
8. Farmers’ Cooperative platform
9. Pricing info in various local/regional markets (crowd-sourced/retrieved from channels)
10. Ability to broadcast warnings
11. Local Language Support
12. Full offline SMS/USSD based information retrieval and uploading
13. App integration with USSD/SMS platforms
14. Voice support(?)
15. WhatsApp support (?) – Explore WhatsApp for business
16. Integration with local banks for updates on credits, policies etc
17. Integration with govt meteorology/agricultural dept for dissemination of info
18. Inspiration from Chinese Super-App applications ([WeChat for rural users](https://www.cgap.org/sites/default/files/researches/documents/Brief-Chinas-Alipay-and-WeChat-Pay-Dec-2017.pdf))
19. Digital money integration (?) - [details](https://www.microsoft.com/en-us/research/publication/working-digital-money-cash-economy-collaborative-work-loan-payment/)
20. Social Media for farmers - see [here](https://www.microsoft.com/en-us/research/publication/krishipustak-a-social-networking-system-for-low-literate-farmers/)
21. E-governance track - grievance redressal for farmers (?) - see [here](https://www.microsoft.com/en-us/research/publication/ict-enabled-grievance-redressal-in-central-india-a-comparative-analysis/)
22. Reminders for various agri/finance/weather related activities
23. Book appointments with (?)