



FarmerHut

Connect. Learn. Grow.

A minimal app designed for Farmers and people in agriculture industry where they can connect collaborate and learn together.





Problem Statement

- Collaboration
- Learning

I chose these as the problem area, and created a solution for the problem I identified in the agriculture sector.

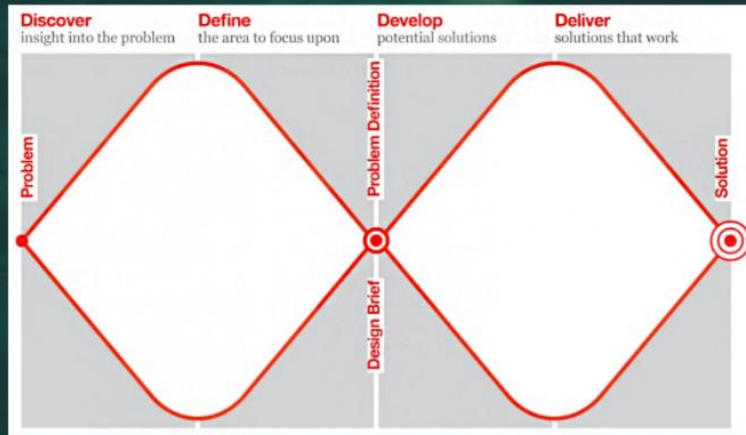
Agriculture sector is every now and then seeking help from the government and people of India every now and then, their condition is certainly not the best when compared to farmers from some other well-to-do countries. Continuous presence of middlemen, lack of knowledge about available facilities and schemes, illiteracy, lack of capital, etc. are some of the problems that need to be worked on.



Process Planning

“PEOPLE IGNORE DESIGN THAT IGNORES PEOPLE.”

I proceeded with planning the design keeping this quote in mind



After a lot of brainstorming, I identified a huge problem in the agriculture sector. It is not hidden from the world that farmers are really facing issues here, so I wanted to do something for farmers. This is how I came up with FarmerHut. I think there is definitely a need of properly educating farmers and making them to collaborate with each other. I stuck to the Double Diamond approach for the designing process.



Interviews

I had a short questionnaire session with my family friends and neighbours because unfortunately I didn't have any native village or a farmer in the family.
Here are some of the major insights that I recieved:

"The actual conditions are worse than any of us can think of."

"Not all farmers face the same issues, some are illiterate, some lack capital, some lack proper information, some are fooled by the smarter."

"Government does provide numerous facilities but it doesn't reach to all the needy"

"Spreading of fake rumors by notorious elements in the society worsens their condition even more"

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Ideas Compilation



- Community Tab
- Learning Tab
- DigiLocker Integration
- Articles
- Mentoring
- Gamification
- Minimal UI
- Accessibility
- Connect to nearby farmers
- Easy to reach



FarmerHut

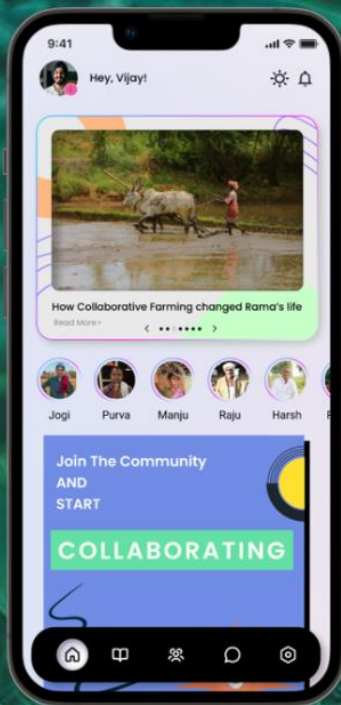


- platform to collaborate
- come together
- find guidance
- Learn together
- find customers
- build a community
- socialise
- go digital
- connect to the world
- adapt to smart farming
- collaborative farming



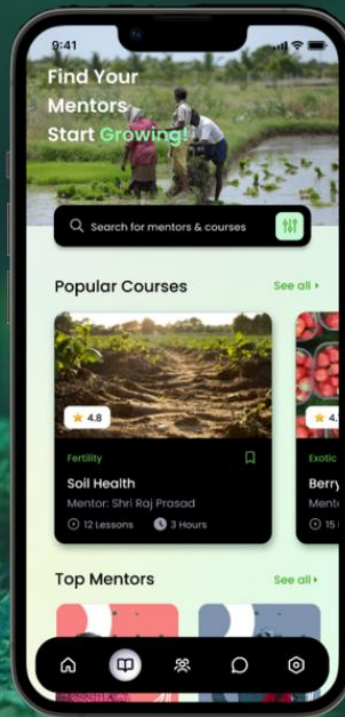


Final Designs



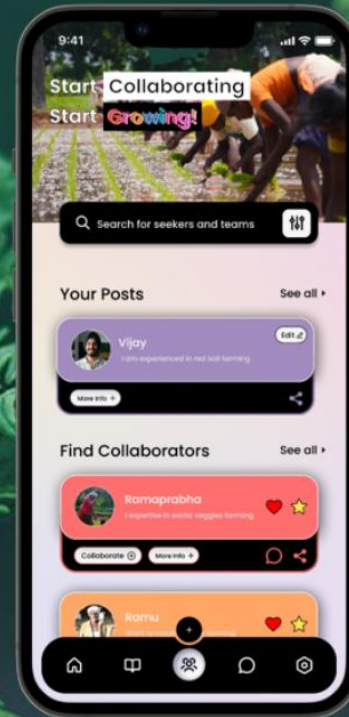
Home Screen

This tab consists of articles, User stories, and intro to other features of app



Learning Screen

This tab features a vast variety of courses offered by us and our affiliated mentors

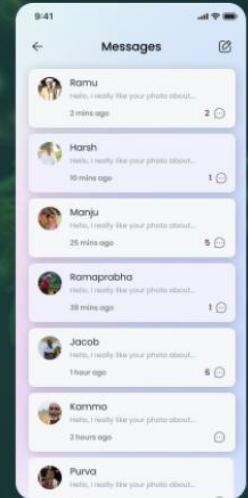
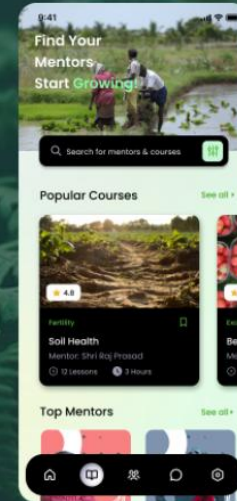
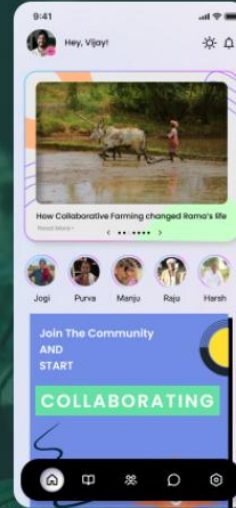
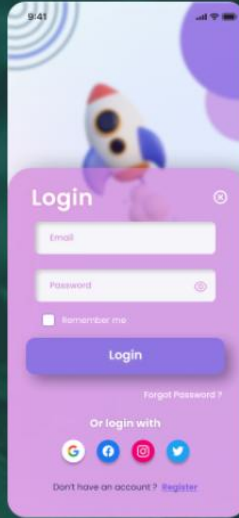


Colab Screen

On this screen a user can build communities and connect with other people



Some App Screens



[view](#)



What's Next?

- *Our utmost priority is initial users feedback, we want to take inputs and implement necessary changes as per user needs.*
- *After alpha and beta testing, keep improve the app so that it can handle a wider range of users.*
- *Keep bringing out new features to imrove the usability and functionality without making the app complex.*
- *To add more accessibility features like TalkBack and integrate Maps to create community hotspots.*
- *Gamification features are well in the pipeline coming out soon. I'm a gamer myself and I think gamifying processes results in higher interests.*



Conclusion

FarmerHut is an App where Farmers can Connect, Learn and Grow together!

This app provides moral education, informs farmers of their rights and government schemes they can avail. What they can do to improve their yield and answer whatever doubts they have in their minds. This app's only aim is to help the needy farmers.

This was a small demo of what all can be done if someone really wants to bring change. I believe this app would be able to provide a platform to farmers where they can come and learn together then find the right people to work with and create astonishing results.

In the end I just want that this creation reaches to the needy and can make their lives better.

This is a small effort from my side trying to help out farmers of india and of the world(in future).

Some Important Links:

- Presentation (Please Visit the presentation once)
(<https://view.genial.ly/621255862f13e80018d05bbc/presentation-farmerhut>)
- Youtube (<https://youtu.be/EiLUrTWWEq0>)
- Figma Prototype
(<https://www.figma.com/proto/5D3pueiQLbhTI0pn7zSb7A/FarmerHut-App?page-id=0%3A1&node-id=13%3A507&viewport=241%2C48%2C0.18&scaling=scale-down&starting-point-node-id=40%3A820>)
- Final Submission (<https://drive.google.com/drive/folders/1DCse7bukCUrLSz-7fQtIYys6TmWdVnBk?usp=sharing>)