AgriSmart

Smart Solutions for Climate-Resilient Agriculture

Leveraging Technology to Mitigate Climate Change Impacts

Meet The Creators

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Project Manager/Developer

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Creative Designer/Developer

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Technical Executive

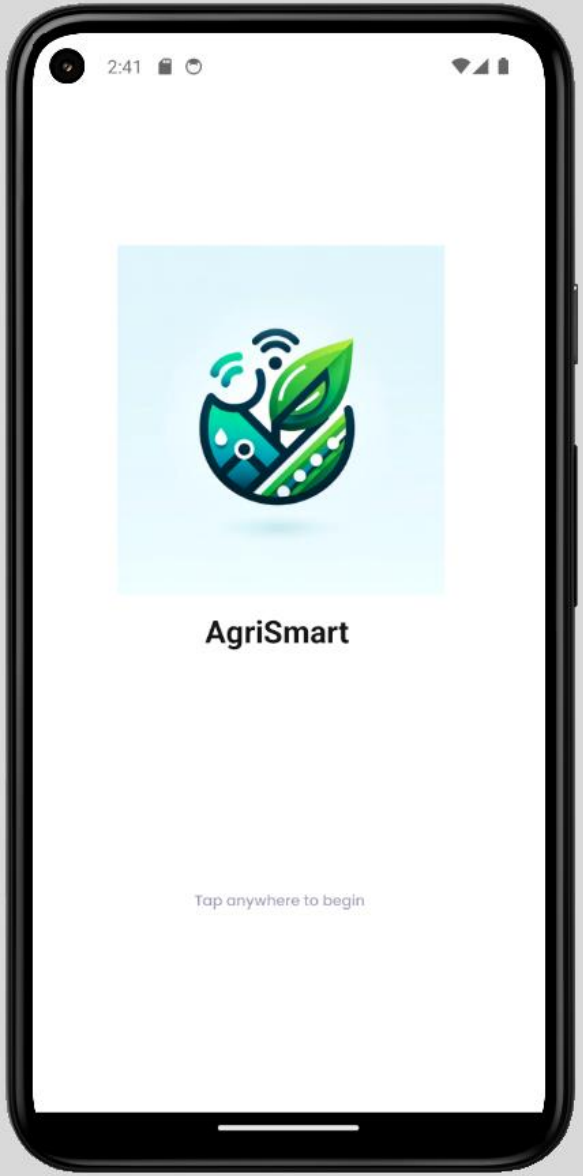
'Together, our diverse skill sets and shared passion for promoting efficient agricultural practices drive us to create an app that empowers users to optimize their farm operations"

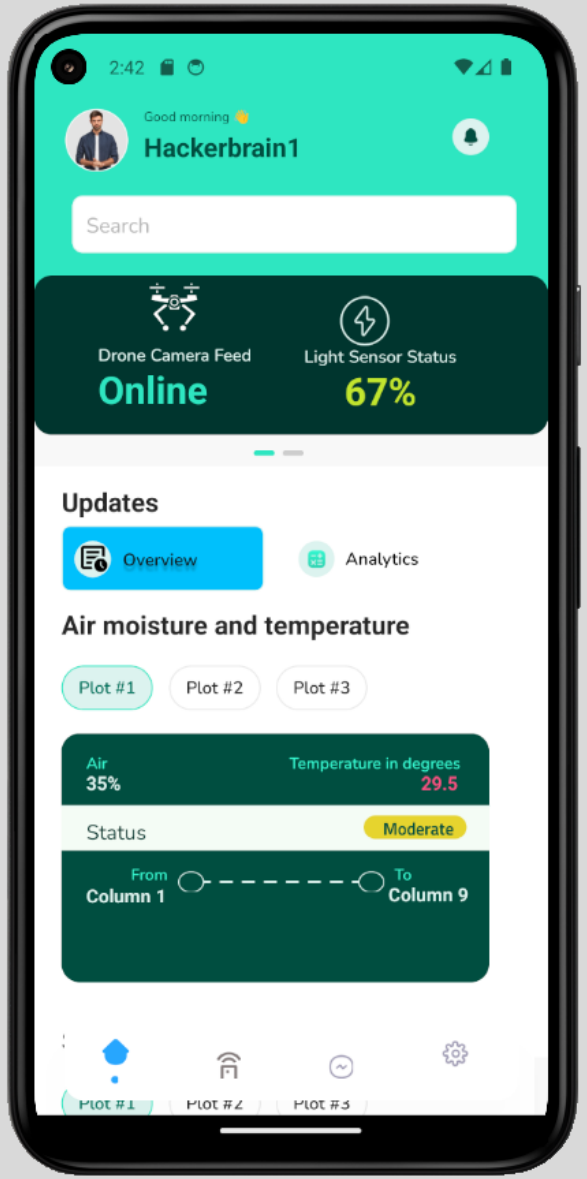
Our Defined Problem Statement

"Farmers faced challenges in monitoring and managing crop health, soil conditions & environmental factors, leading to suboptimal yields and resource use"

Our Solution

AgriSmart is an innovative application that aims to help tackle climate change through the use of **precision agriculture, sensor integration, crowdsourcing and automated systems.**



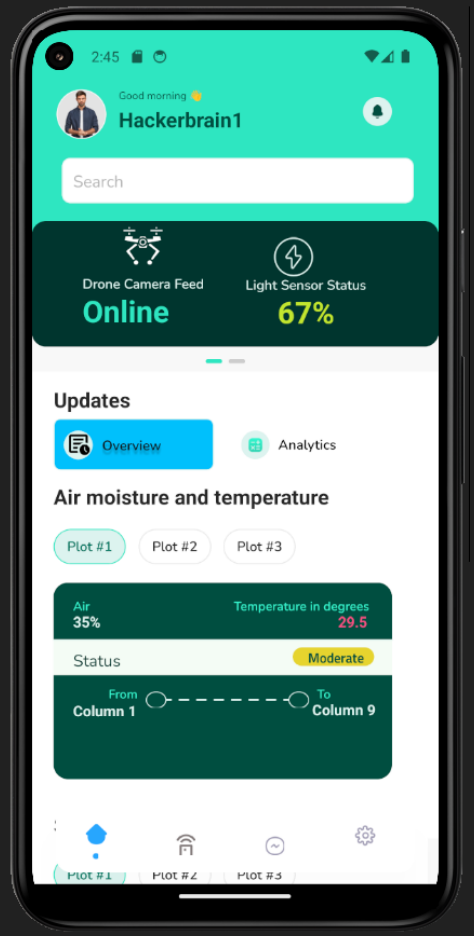


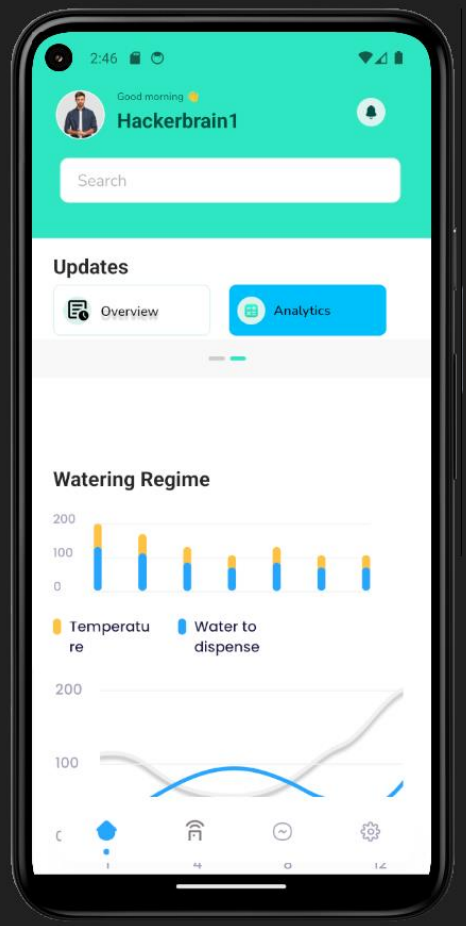
On the other hand, farmers are among those most affected by climate shifts. As Earth warms and floods and droughts occur more often, yields are declining, and farming is becoming more difficult in many places. Estimates show that climate change may reduce global agriculture productivity by 17% by 2050.

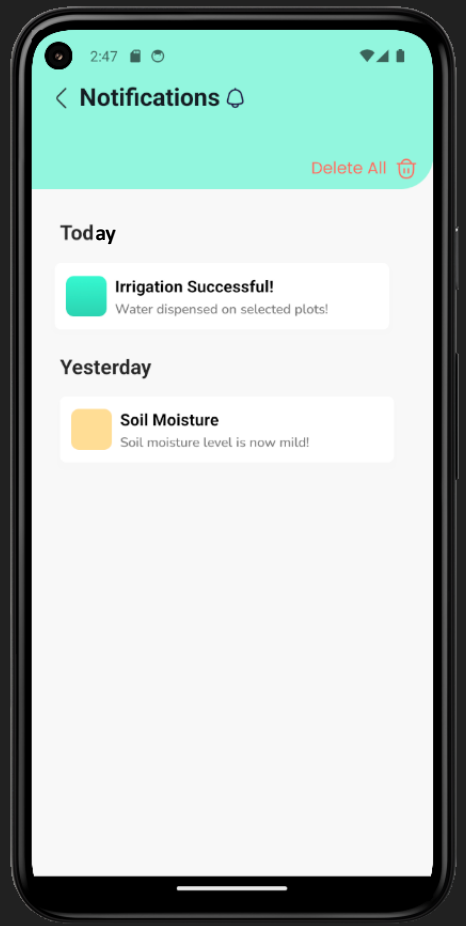
Research suggests that technology should play a major role in making farming more sustainable, without sacrificing productivity or farmer's incomes, and with precision agriculture being a large part of the solution. The World Economic Forum estimates that, if 15-25% of farms adopted precision agriculture, global yield could be increased by 10-15% by 2030, while greenhouse gas emissions and water use could be reduced by 10% and 20%, respectively.

Why precision agriculture is essential in combating climate change

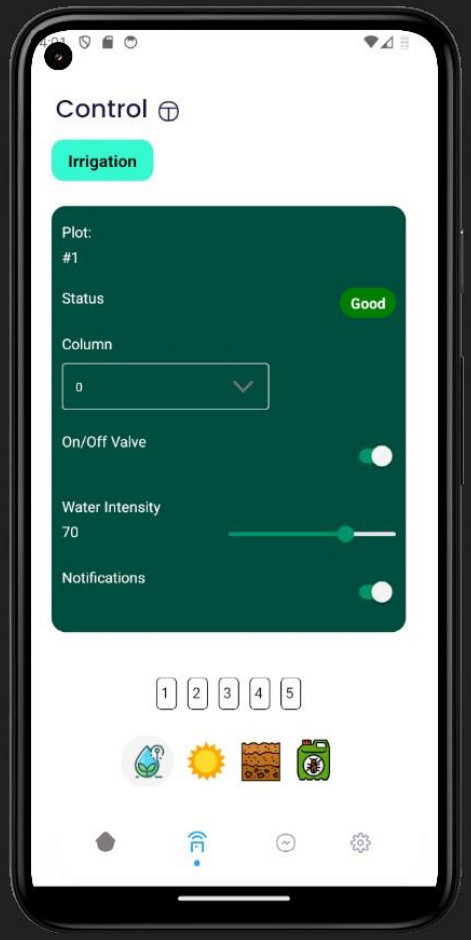
Feature: Management Dashboard

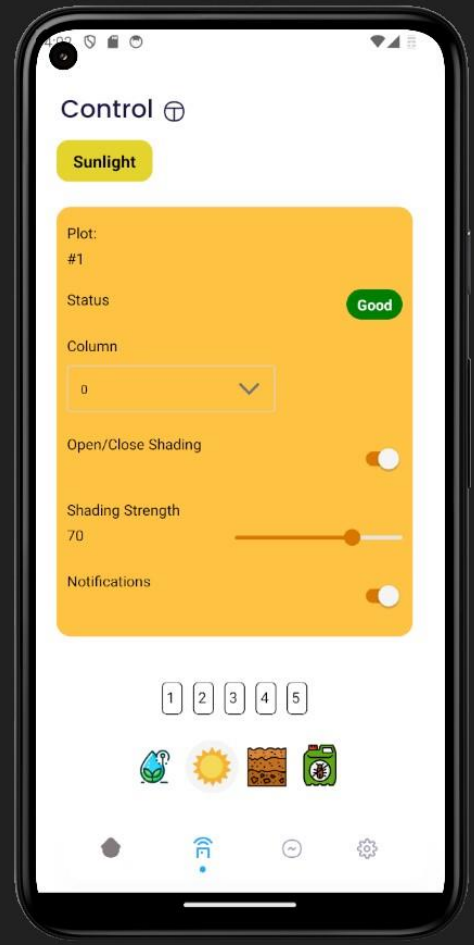




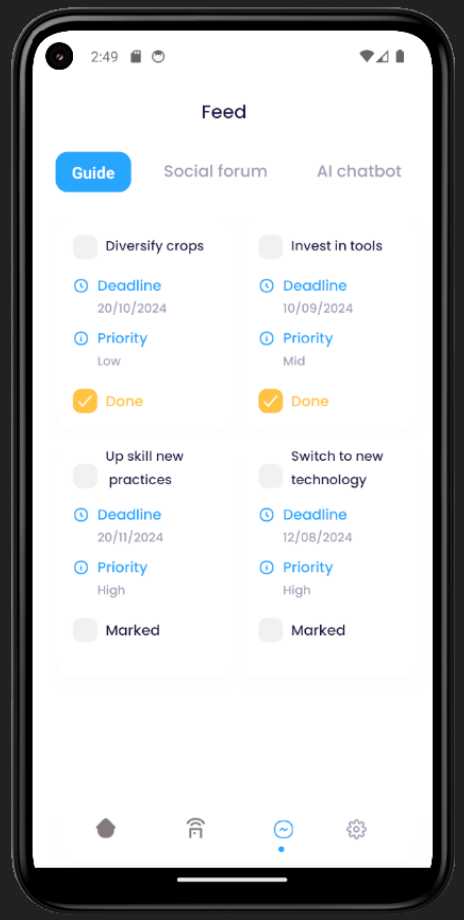


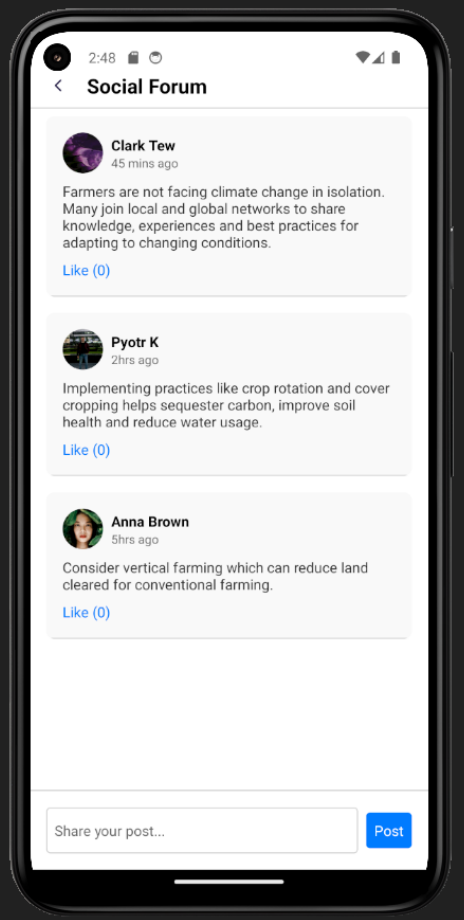
Feature:
Automated Variable Precision Control

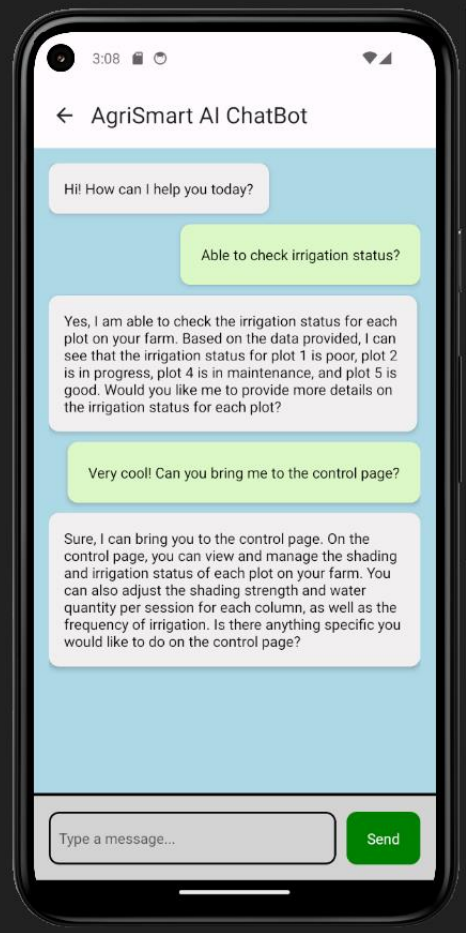




Feature: Social Forum and AI Chatbot







Thank You - QNA

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