Ibtida
THE START
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Problem:

Agriculture contributing 23% to the country`s GDP, is consuming 97% of Pakistan`s natural freshwater resources. Pakistan ranks 14 out of 17 extremely high water-risk countries and at the same time, wastes one-third of its water resources.
Solution

Development of an organization focused on providing services and conducting research to protect, preserve and sustain freshwater resources, especially in agrarian areas.
Aims and Objectives:

- Increase farmers' knowledge about the soil, crop, and water needs of the land to reduce water usage.
- Raise awareness about the water scarcity issue and how it will impact agriculture.
- Research new ways to incorporate technology in Pakistan's agricultural dynamics.
- Collaborate and Connect with others to find new and better sustainable agricultural solutions.
Services

• Creation of an App integrating GIS and AI to help farmers better understand their farm`s soil and their crops to prevent excessive use of water.
• Connect farmers with the right organizations, NGOs, and industrialists to help incorporate efficient and advanced technology in the farming processes.
• Initiate an interactive training session to promote better water management strategies.
• Find ways to incorporate efficient and modified technology in Pakistan`s agricultural system.
• Translate relevant literature in the local language for the farmers.
• Find better alternatives in place of traditional agricultural farming.
Thank you