

# SpacegARden

Instagram: @spacegarden2020



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#### **Problem**

COVID-19: After the pandemic, people's lives are complicated, especially for the subsistence of farms and scarce economic and technological resources.

Food supply chain Supermarket shelves remain stocked for now. But a protracted pandemic crisis put a strain on the food supply chains. The shipping industry is already reporting slowdowns because of port closures. **Small farmers** in developing countries don't have access to free user-friendly technology to help improve crop yields.

## Inspiration

Social networks, the internet and of course smartphones are today very powerful tools that we want to take advantage of to make life easier for **people**.

Augmented reality (AR) and the NASA datasets make this project possible.

### **Solution**

# Data NASA - GLADS 'Soil Moisture'

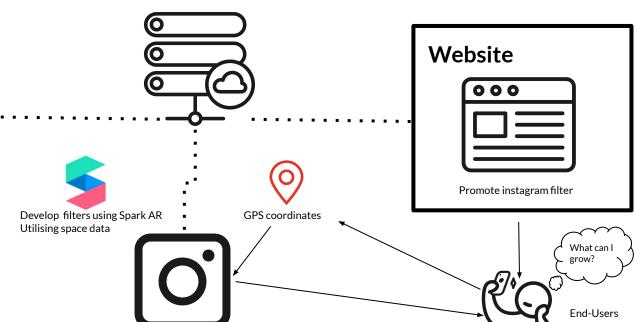


Scientific agriculture papers



- Help choose ideal plants to grow in user location
- -Guidelines on when to water and harvest plants using soil moisture, temperature and sunlight

#### Farming model





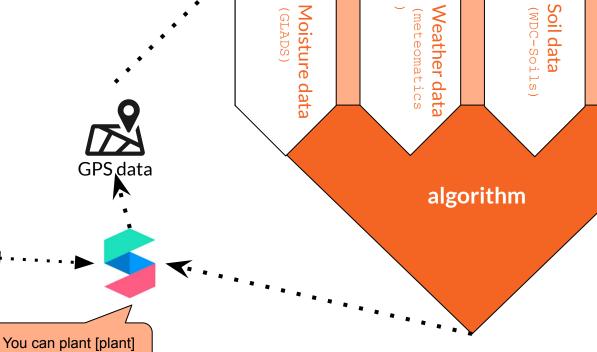
"Bringing space data to masses through Instagram filters and inspiring next generation of Urban Farmers" -

Space-gARden



Processing Data

here in [month]



inquiry

Plant

requirements

## Post-Hackathon Roadmap

#### **Improve**

Utilise data from feedback to help support local government improve decision making in supporting

