AGRI CONNECT

Team Name: BackPropg
Theme: Agriculture

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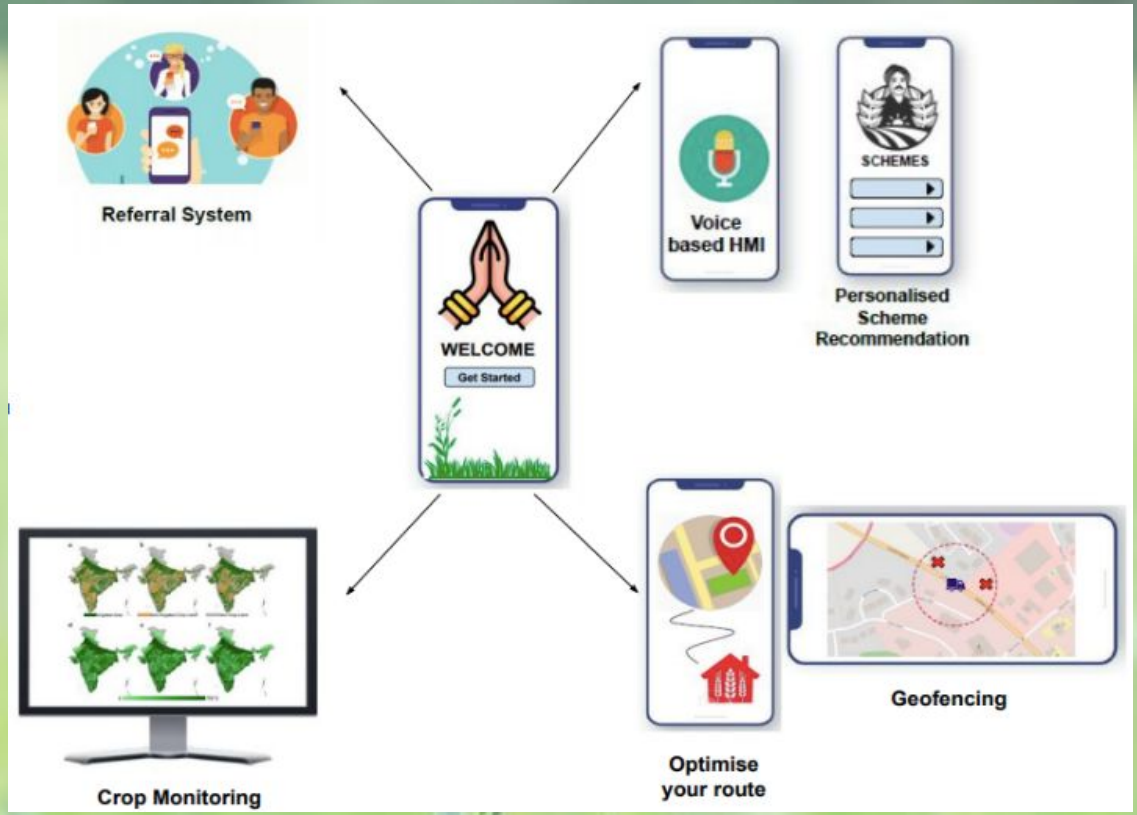
IDEA OVERVIEW

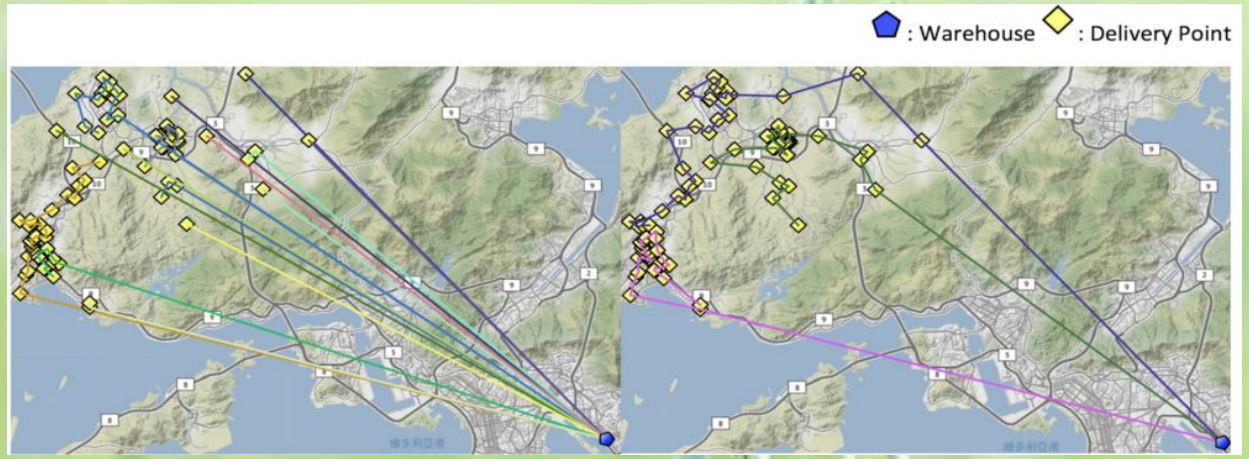
AGRI CONNECT



AGRI CONNECT

IMPLEMENTATION/SOLUTION

- **User Experience and Awareness of Various Schemes:**
  - Personalized Recommendation System + Voice HMI
  - Web Crawler
  - Referral System
- **AgriLogistics Loss:**
  - Route Optimization + Geofencing

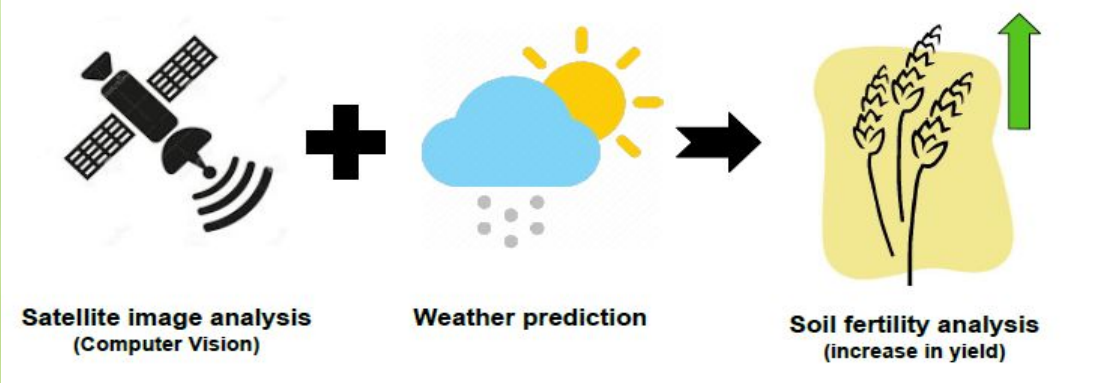


(Without Clustering)

(With Clustering)

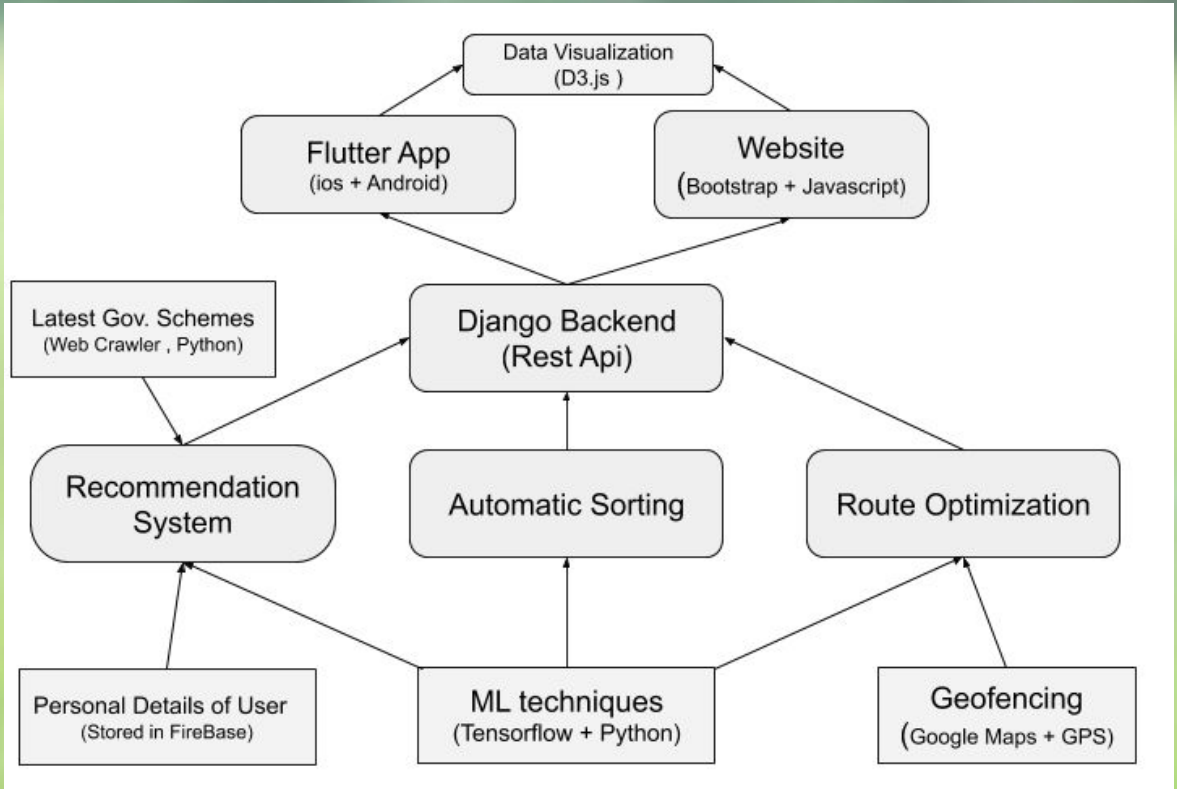
- **Increase in yield:**

  - Satellite Image Processing for soil analysis + Crop Monitoring :



AGRI CONNECT

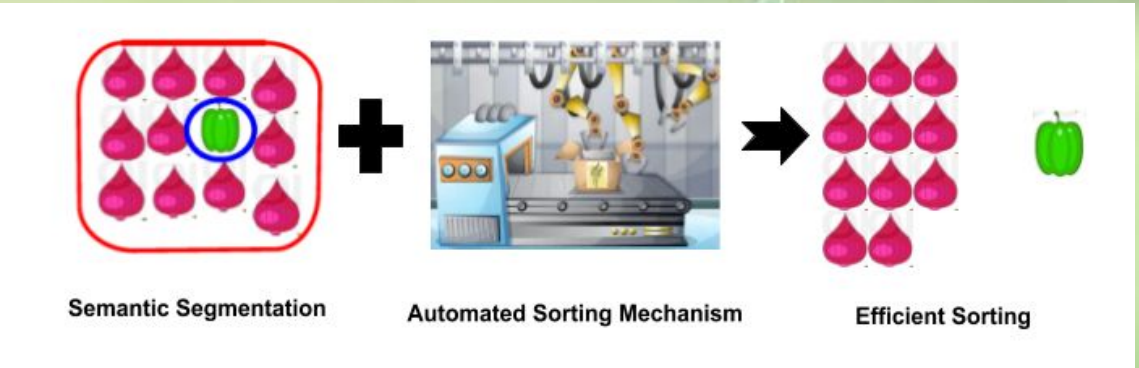
TECHSTACK



FUTURE SCOPE

- **Recommendations shall improve with an increase in data.**
- **The data collected by our system can be used for gaining insights about popular schemes among the stakeholders and figure out the obscure factors that affect the agricultural produce.**
- **Making a more secure and fully functional system that has integrated payment portals for exchange of products between stakeholders and for acquiring loans.**
- **Dedicated hardware for automatic sorting.**

- **Decrease Manual Sorting:**
  - **Automatic Sorting** (Image Segmentation)



- **Analysis:**
  - **Crop Yield in a particular region/over a span of years.**
  - **Agricultural expenses of various states.**