

Development Plan

Below is the road map of development and deployment plan for next **3** months

Development:

1. Design the app to support analysis
2. Image recognition engine to analysis satellite images
3. GPS and satellite image mapping engine
4. Expert data analysis for the system and diseases
5. Deployment

Plan:

1. The app will first be tested in a small area with 20 farms under observation of an agriculture scientist.
2. Initially we will target to provide analysis for diseases in the crop and possible resolution
3. Post this activity we will launch the app for a Tehsil.
4. And finally in district to capture crop analysis for entire district
5. At each district level we will take help from Krsishi Vigyan Kendra to provide information to each and every farmer for the resolution

App Features:

1. Disease detection
2. Disease resolution
3. Infection detection
4. Infection resolution
5. Soil treatment and analysis
6. Seed selection
7. Yield improvement plan for each crop.
8. Weather factors and impact on crops.

Advantage:

1. The entire app will be image based, hence farmers will find it easy to use
2. Very less data entry points in the app.
3. Auto GPS detection
4. Yield improvement for crops

5. Fast and effective propagation of information related to crop and analysis

3 Month project timeline

	Month 1 August								Month 2 September								Month 3 October			
Plan																	1st week	2nd week	3rd week	4th week
Design and development	App deign and development																			
Farm testing														Test app in farm						
Tehsil Testing															Tehsil Testing					
District Testing																District Testing				