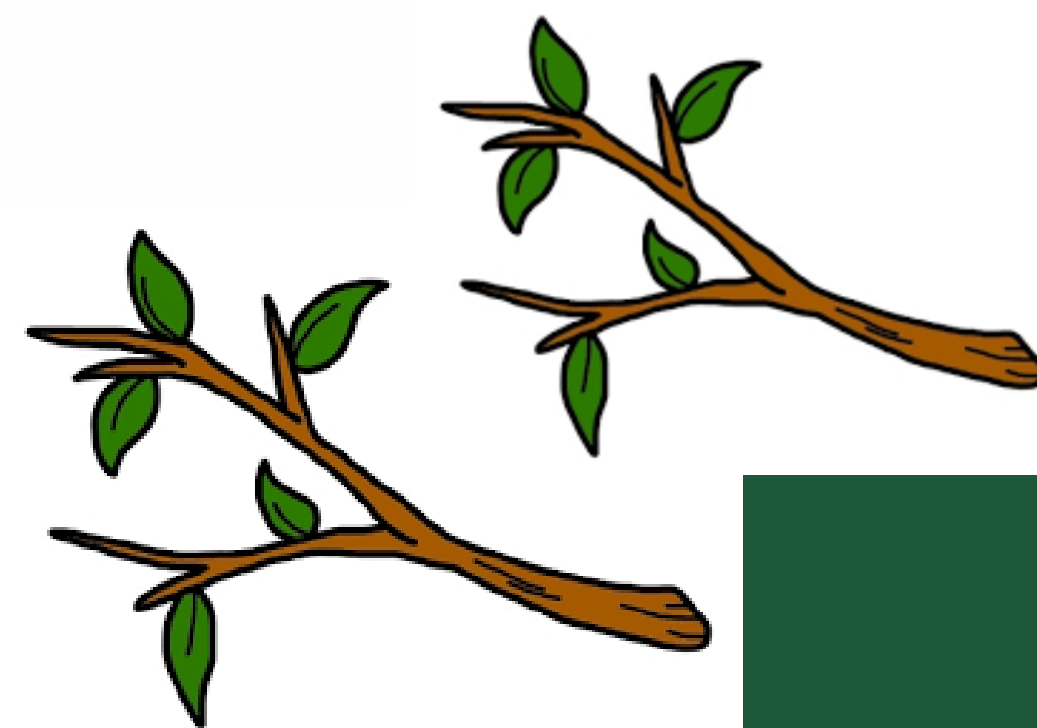
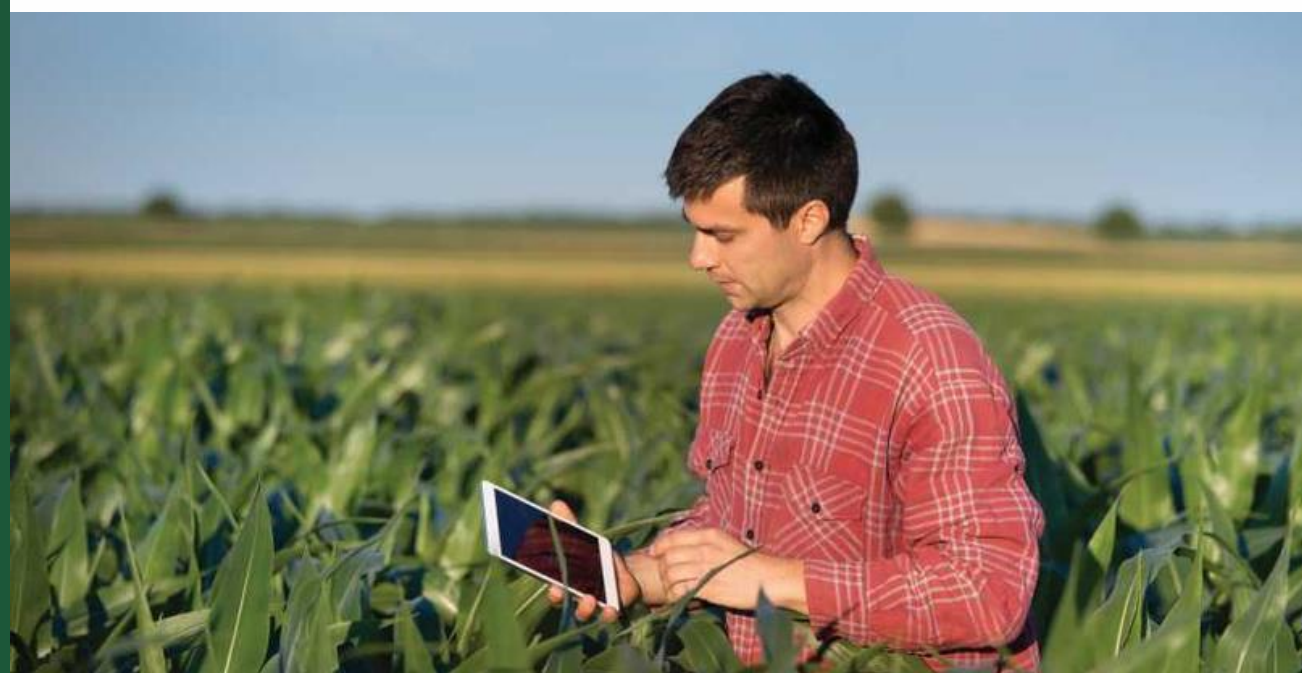


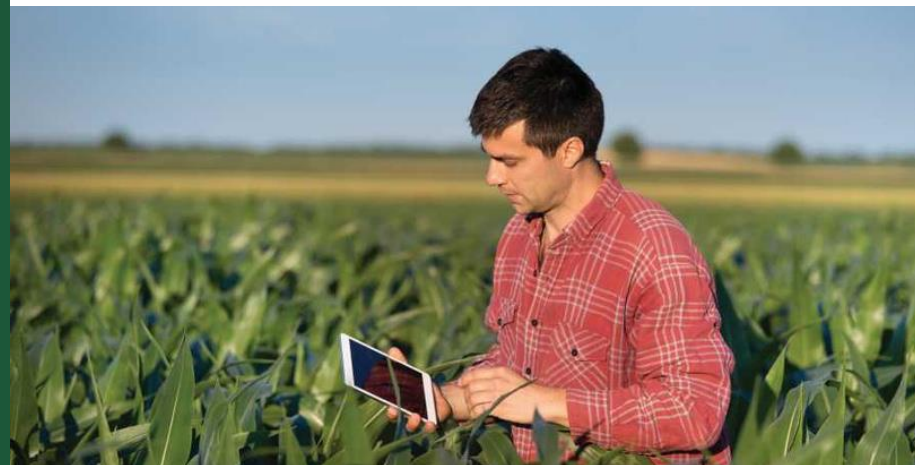
Working For Farmers

KRISHI DESK



Working For Farmers

KRISHI DESK



Team Members

1.Pritam Gupta Jitu

Id:011202301

2.Tanzid Ahsan

Id:011201295

3.Protap Additto Datta Arco

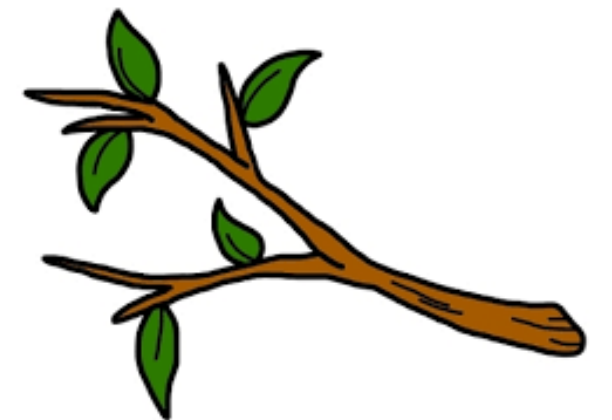
Id: 011201410

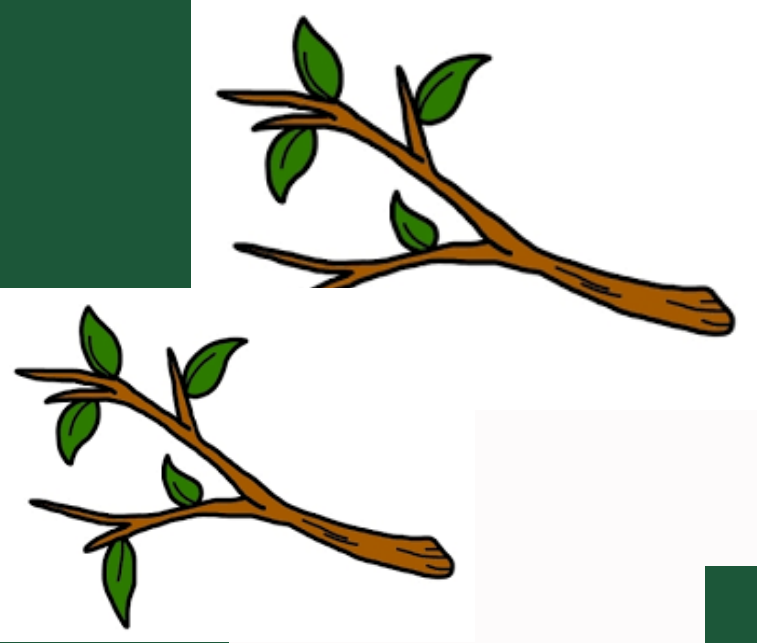
4.Md. Jony Khan

Id:011201222

5.Md. Shamim Bin Nur

Id:011191092





Content

01

- Problem Idea

02

- Problem Motivation

03

- My Solution

04

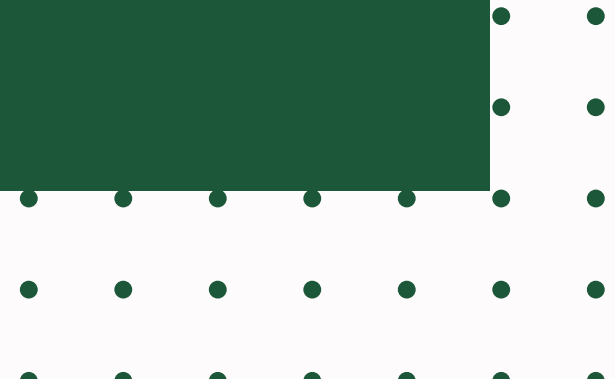
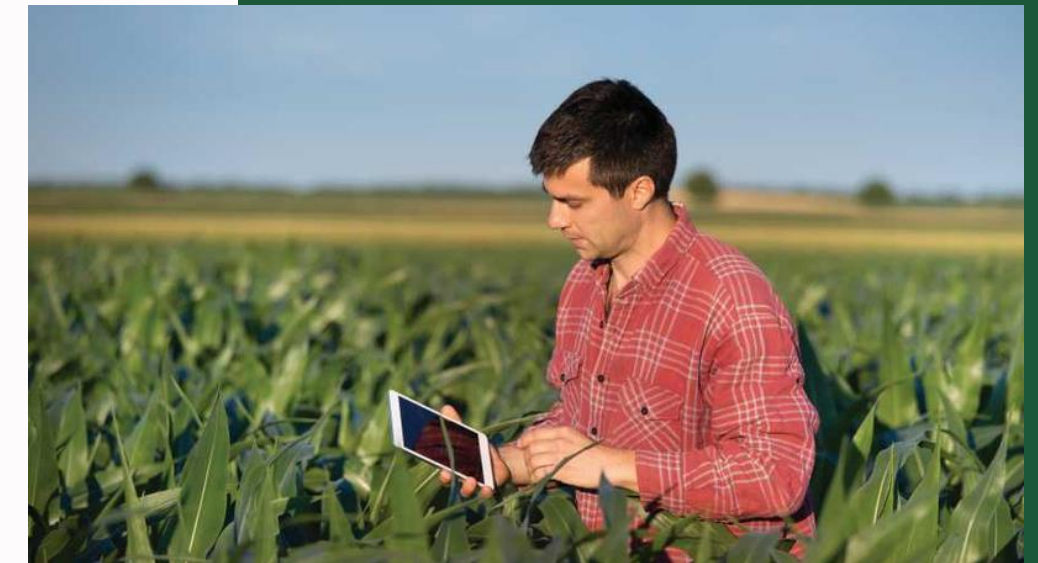
- How will our proposed system interact with the Human?

05

- Dataset

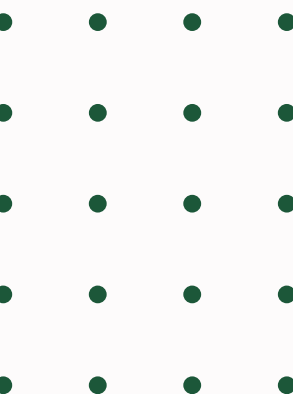
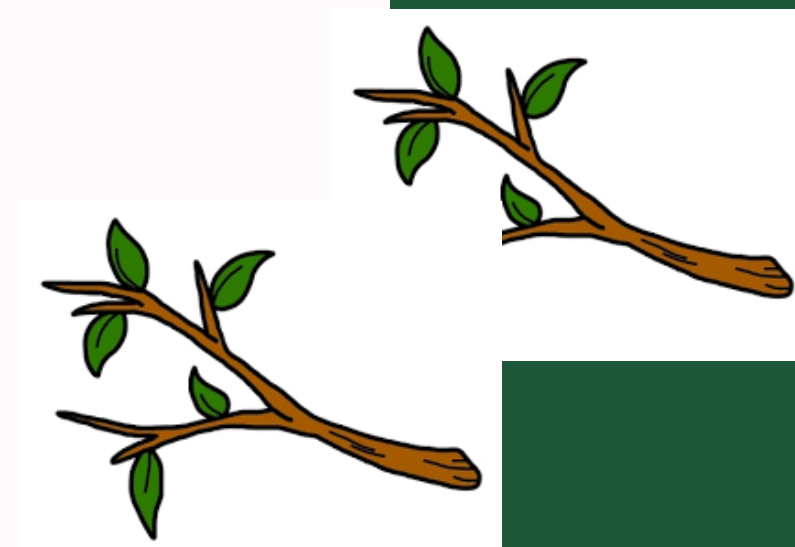
06

- Human Feedback



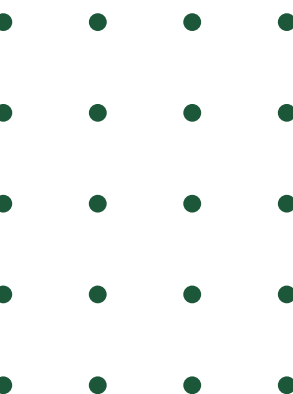
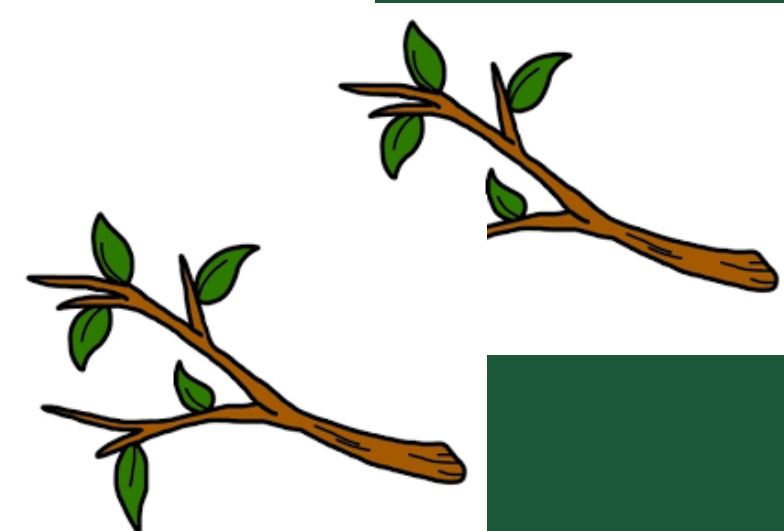
Problem Idea

- Our Farmers face a lot of problems when they want to detected the diseases of trees and their plants
- Now most the educated people are involved with farming
- Application based detection is the most effective way to detected the diseases of plants



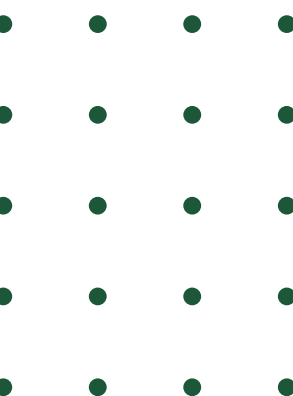
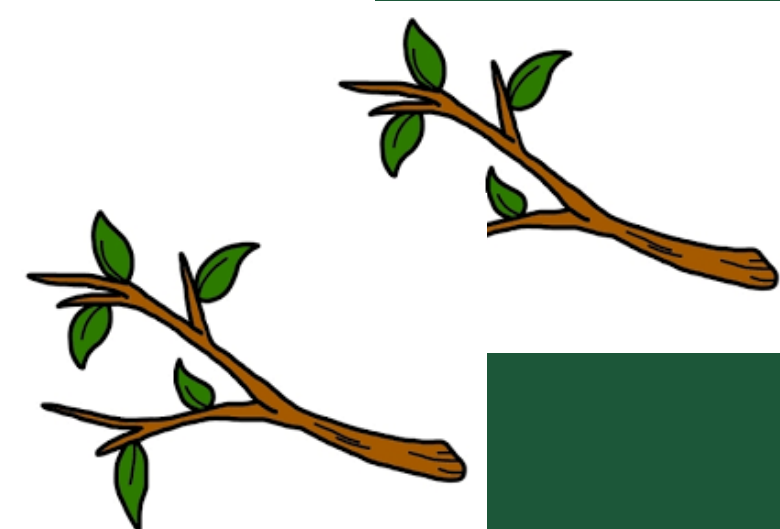
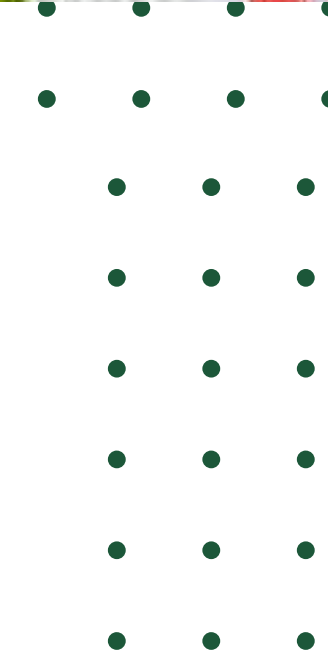
Problem Motivation

- Want to Digitalize our Agricultural Sector
- Try to Reduce hassles of farmers
- For the problem of detecting diseases it may cause of great loss every year so try to reduce this by digitalized this sector



Our Solution

- Take photo of affected crops
- If it match with any diseases it will show the name of diaseas
- User friendly for both educated and uneducated farmer
- Try to reduce the vast lost of crops
- Without digitalizing farming sector eill hamper more



How will your proposed system interact with the Human?

- Our target users are both educated and uneducated farmers
- It easy to use because here we use some logos and Bangla themes also
- User-friendly for both educated and uneducated farmer
- Here also arrow to follow the steps
- Try to involve voice system
- There also use alarm system



Dataset

- Using shows like "হৃদয়ে মাটি ও মানুষ" and many other platforms of agriculture.
- As we are working with farmers so google survey is not affective so we are now collecting data from farmer.
- Most of the farmer are want to interact with this.
- After completing all survey it will show in details



Survey

Basic Questions

- **Type of farming**
- **Total land**
- **Main Corps**
- **Different diseases**
- **Education**

Section 1: Your Farm - Cropping, stocking, field size and soil type
All of your answers in this section are important, as they may affect the way that you manage your hedges.

1 **County** - Please give the county in which your farm is located.

2 **Farm size** - What is the total area of your farm? ha How many fields does your farm have?

3 **Cropping** - Please give the area grown for each of these crops. Please tick if any crop, or part crop, is organically grown.

	Ha	Organic		Ha	Organic		Ha	Organic
Combinable crops - winter sown	<input type="text"/>	<input type="checkbox"/>	Short leys	<input type="text"/>	<input type="checkbox"/>	Softtop fruit	<input type="text"/>	<input type="checkbox"/>
- spring sown	<input type="text"/>	<input type="checkbox"/>	Field vegetables	<input type="text"/>	<input type="checkbox"/>	Woodland/	<input type="text"/>	<input type="checkbox"/>
Permanent grass/long leys	<input type="text"/>	<input type="checkbox"/>	Other arable	<input type="text"/>	<input type="checkbox"/>	farm forestry	<input type="text"/>	<input type="checkbox"/>

4 **Stocking** - Please tick if any of the following are main or important enterprises on your farm.

Dairy ☐ Beef ☐ Sheep ☐ Pigs ☐ Poultry ☐ Horses/ponies ☐ Other livestock ☐

5 **Field size** - Please give the approximate size of your fields.

Largest ha Smallest ha

6 **Soil type** - Please tick the main soil type on your farm.

Clay ☐ Sand ☐ Silt ☐ Peat ☐ Loam ☐ Chalk ☐

Section 2: Your Hedges - Description

7 What proportion of your field boundaries are hedges?

<25% 25-49% 50-74% 75-100%

8 Please give the approximate percentage of your hedges in the following height ranges.
(Measured from base of main woody stems to uppermost shoots, even if some plants grow from side of a bank).
If you trim your hedges give the average height after trimming. **These should add up to 100%.**

<1.0 m 1.0-1.4 m 1.5-2.4 m 2.5-3.9 m 4.0-10.0 m >10.0 m

9 Please give the approximate percentage of your hedges in the following width ranges.
If you trim your hedges give the average width after trimming. **These should add up to 100%.**

Less than 1.0 m wide 1.0-1.4 m 1.5-2.5 m 2.5-4.0 m >4.0 m

10 Please give the approximate percentage of your hedges in the following categories. **These should add up to 100%.**

Mainly hawthorn Mainly blackthorn Mainly hazel Mainly beech Other species Mixed

11 Please estimate the average percentage of gaps in your hedges. <5% 5-10% >10%
Gaps include lengths of hedges where there are only non-woody species, such as grasses, brambles, thistles, bracken and willowherbs. Also include gaps that have been fenced. Do not include gateways.

12 Which of the following species are also commonly found in your hedges? **Tick as many as occur.**

Hedge bindweed	<input type="checkbox"/>	Dogwood	<input type="checkbox"/>	Field maple	<input type="checkbox"/>	Honeysuckle	<input type="checkbox"/>	Wild privet	<input type="checkbox"/>
Old man's beard/ Clematis	<input type="checkbox"/>	Gorse	<input type="checkbox"/>	Elm	<input type="checkbox"/>	Elder	<input type="checkbox"/>	Bramble	<input type="checkbox"/>
Ash	<input type="checkbox"/>	Oak	<input type="checkbox"/>	Wild rose	<input type="checkbox"/>	Sycamore	<input type="checkbox"/>	Holly	<input type="checkbox"/>

13 Which of the following descriptions best describes the hedge bottoms on your farm? **Please choose one only.**

Most are dominated by arable weeds such as cleavers or sterile brome ☐

Most are dominated by coarse grasses and grassland weeds such as nettles or thistles ☐

Most are dominated by grasses, with wildflowers ☐

Section 3: Hedge Management - What do you do?

14 How often do you trim your hedges? Please give the percentage in each category. **These should add up to 100%.**

Yearly 2-yearly 3-yearly 4-6 years 7-12 years Not trimmed

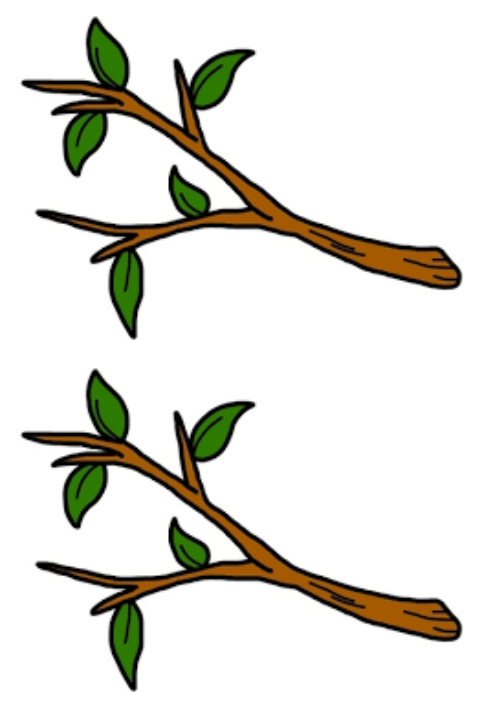
If your hedges are not trimmed do not complete questions 13 to 19. Please go to Question 20.



Human feedback

- During field survey farmers are giving some effective feedback
- It will be helpful for their work.
- A well educated farmer said that "it will effective for digitalizing the agricultural field"
- Farmers think it will also help them to identify the problems easily .
- As a result it will help them to save their crops & reduce loss





Thank You

