

Presented By:  
Agri Innovators

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# SMART CROP ADVISOR

“Smarter Crops, Bountiful Yields”



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# Welcome Message

## Introduction

**"In the vast landscape of agriculture, farmers face myriad challenges from unpredictable weather patterns to pest infestations. Navigating these obstacles is crucial for sustaining crop yields and ensuring food security. Today, we explore innovative solutions to revolutionize farming practices and address the pressing issues in agriculture."**





# The Problems !!

## Agriculture



### Plant Diseases

- Threat from fungi, bacteria, and viruses
- Affects crop health and food supply

### Pest Infestation

- Invasion by insects, mites, rodents, and birds
- Disrupts the agricultural ecosystem and transmits diseases



### Insect Attacks

- Varied modes like chewing, sucking, and tunneling
- Compromise crop structure and impede growth



# The Solution

## Introduction



01

## Smart Crop Advisor

### Concept Introduction:

- Revolutionizing farming with the Smart Crop Advisor.

02

## Objective

### Real-time Solutions:

- Provide farmers with timely, data-driven solutions.

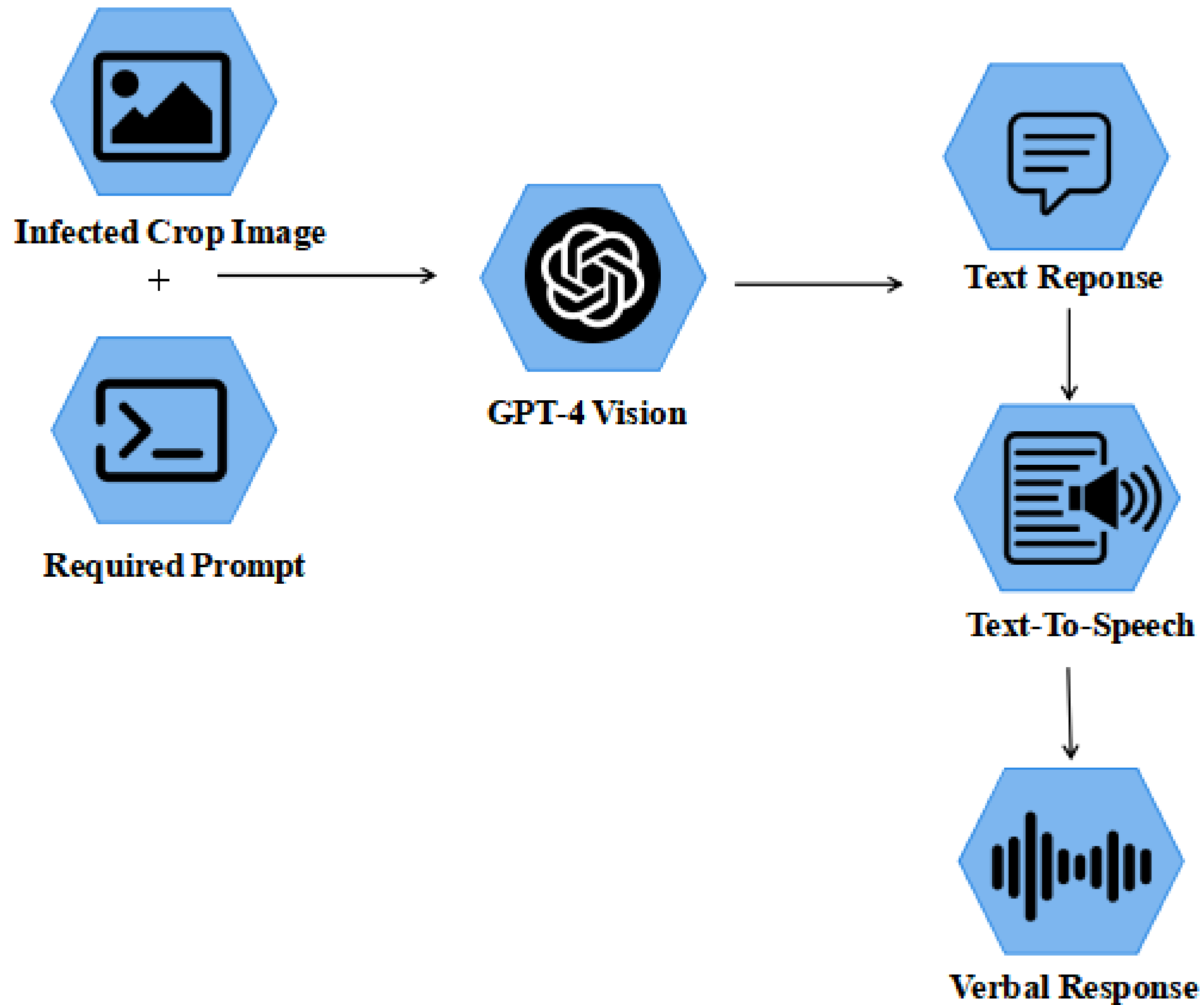
03

## Key Features

- **GPT-4 Vision Analysis:**
  - Harness the power of GPT-4 Vision for precise image analysis.
- **DALL-E API Integration:**
  - Seamlessly integrate Assistants API for comprehensive recommendations.
- **Text to Speech Accessibility:**
  - Enhance accessibility through Text to Speech, making insights available to all.



# Workflow





# Demo

## Smart Crop Advisor

The logo for Crop Smart, featuring the words "Crop" and "Smart" in white on a dark blue background, with a green leaf icon integrated into the letter 't' of "Smart".The logo for Crop Smart, featuring the words "Crop" and "Smart" in white on a dark blue background, with a green leaf icon integrated into the letter 't' of "Smart".

Select Model Type

- GPT-4 Vision
- DALL-E
- Text-to-Speech (TTS)

Enter a text prompt:

identify the disease in this image.

Upload an image:

Drag and drop file here  
Limit 200MB per file • JPG, JPEG, PNG

Browse files

Anthracnose.jpg 1.8MB

Generate Result

Select Model Type

- GPT-4 Vision
- DALL-E
- Text-to-Speech (TTS)

Enter a text prompt:

The image you've provided shows a plant leaf with symptoms that could be consistent with a fungal infi

Upload an image:

Drag and drop file here  
Limit 200MB per file • JPG, JPEG, PNG

Browse files

Anthracnose.jpg 1.8MB

Generate Result

0:08 / 0:47

The plant in the image appears to be affected by a type of leaf spot disease, whi



## The Team Behind Us



**Muhammad Arham**  
**MERN Stack Developer**



**Hassan Gulzar**  
**Next Js Developer**



**Noor Khokhar**  
**Full Stack AI Developer**



**Asia Hassan**  
**Front-End Developer**



**Aadil Memon**  
**Embedded Systems Engineer**





**THANKS!**