



# Project planning

This is a textbox...

🕒 60 minutes to prepare

📝 This is a textbox...

👤 This is a textbox...

1

## Introduce the project

Define what you hope to achieve with this project. Complete this section and share with project stakeholders before you meet to set expectations and clarify the purpose.

🕒 20 minut

Project name

To save the crop using iot from External environment

project goal

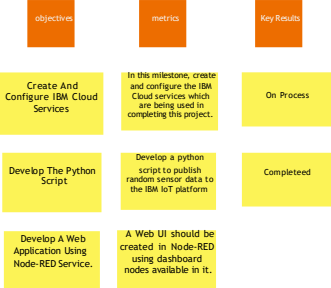
we use pic microcontroller ,buzzer

PIR sensor,GSM module,laser diode

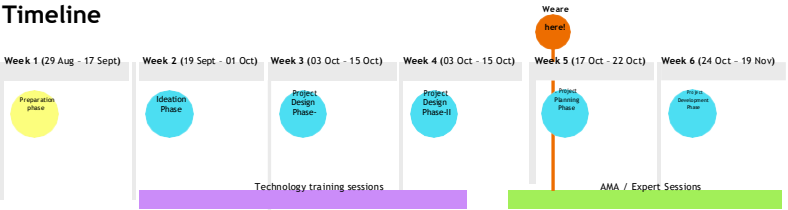
### Project vision

My vision for this project is to create a Smart crop protection system for farmers to save the crop from external affected environment and protected from the insects

## How will we measure success?



## Timeline



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## Identify the project team

Define who will be part of the team what their roles will be. Pick a responsibility matrix (RACI or DACI) and assign roles.

🕒 10 minutes

	Workstream 1	Workstream 2
<div>Responsible</div>	Karthick.R	<div>Literature survey and empathyMap</div> <div>Technology stack</div> <div>Proposed solution</div> <div>IoT cloud</div>
<div>Accountable</div>	Sivasakthi.K	<div>Problem statement</div> <div>solution architecture</div> <div>IBM Watson</div> <div>Problem solution Fit</div>
<div>Consulted</div>	Santhosh.S	<div>Customer experience Map</div> <div>Web application UI</div> <div>Node red simulation</div> <div>Web app development</div>
<div>Informed</div>	Jaikanth.R	<div>Python script</div> <div>development</div> <div>Publishing data</div> <div>IBM Watson</div>

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## The 4 whats

Answer the 4 questions to fill in the details of your project plan.

🕒 15 minutes

What do we have?

We protect the crop from External environment

What do we have?

What necessary ingredients for your project do you already have?

What are we missing?

What necessary ingredients for your project do you still need?

What could block us?

What road blocks might we run in to so we can be prepared for them?

What will this cost?

How much time, resources, budget, etc. do we need?

What will this cost?

It would take around four months to complete the installation, and it will range from around five to six thousand.

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## Define the deliverables

<https://logeshwarim.atlassian.net/>

🕒 15 minutes

### Key items that need to be completed for the project:

Solution Architecture	Problem Solution Fit	Ideation	Prepare Empathy Maps
Technology Architecture	Project Development - Delivery Of Sprint-2	Functional Requirement	Customer Journey map
Sprint Delivery Plan	Literature Survey On The Selected Project & Information Gathering	Prepare Milestone & Activity List	Data Flow Diagrams
Solution Architecture	Project Development - Delivery Of Sprint-1	Project Development - Delivery Of Sprint-3	Project Development - Delivery Of Sprint-4

High

### Core and desired project deliverables:

Deliverable	Level of effort	Impact	Priority	Driver	Target delivery date	Risks*		
Preparation Phase	10%	High	Medium		29 Aug - 17Sept	Low		
Ideation Phase	5%	high	Medium		9 Sept - 01 Oct	Medium		
Project Design Phase-I	10%	high	high		03 Oct - 15 Oct	High		
Project Design Phase-II	15%	high	high		17 Oct - 22 Oct	High		
Project Planning Phase	20%	high	high		24 Oct - 19 Nov	Medium		