



Research paper outline

Brainstorm and organize your ideas for an academic research paper

- 🕒 30 minutes to prepare
- 👥 30+ minutes for the collaborative activity
- 👤 2+ people recommended

The purpose of the Research paper outline template is to provide a space for planning that you can revisit throughout the long process of writing an academic research paper or essay.

Use this as a place to get started and build a high level outline. Visually aggregate sources and notes, and brainstorm themes and arguments, and then make connections between the resources and arguments you are making. With the flexible nature of the mural canvas you can revisit the mural throughout your process to easily experiment with a different structure or leave notes for yourself.

Share the outline with your co-authors or reviewers early in the process so they can provide feedback and have insight into your process.

➔

Before you start

A little bit of preparation goes a long way with this session

🕒 2 minutes

1 TOPIC

SmartFarmer - IoT Enabled Smart Farming Application

2 TEAM ID

PNT2022TMID09965

TEAM LEAD

GOKUL K

TEAM MEMBERS

AJMAL KHAN R

AKASHKUMAR K

ARFATH E

1

Problem Statement

🕒 3 minutes

PROBLEM

Farmers suffer massive losses as a result of not predicting the weather conditions accordingly. Farmers cannot remain on the field 24 hours aday. As a result, we suggest an automated crop protection system from animals

2

Research brainstorm

Your initial thoughts to direct you to which resources to search for, tags, themes, other researchers in the field

🕒 2 minutes

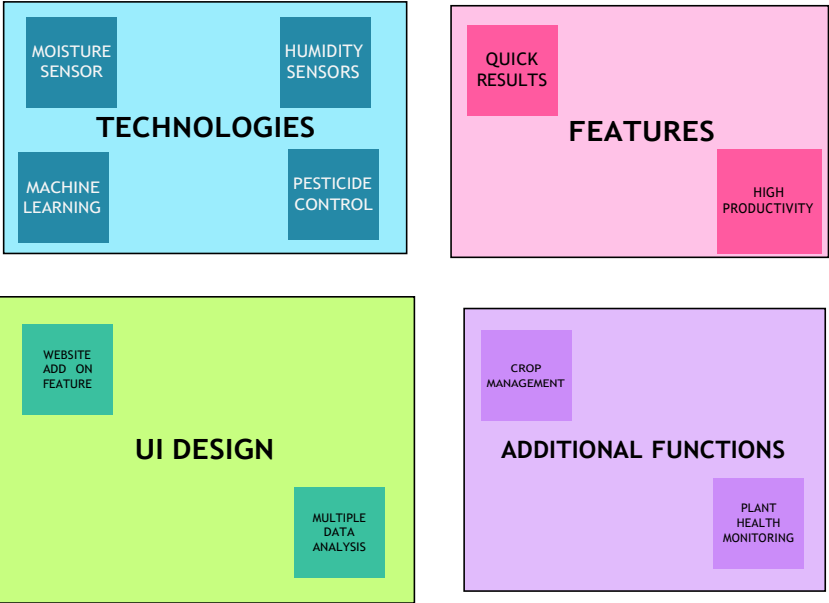


3

Resources

Space to collect general resources - different mediums, podcast, articles, your documents

🕒 5 minutes



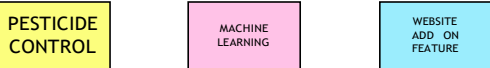
4

High level themes

Brainstorm the themes & arguments you would like to make. Then bring over the applicable resources you will use as evidence

🕒 3 minutes

1 Themes



2 Arguments

Use this space to think of arguments for each theme you came up with!



5

Visualize your outline

Organize your themes & evidence into a high level structure for your paper

🕒 15 minutes

Conclusion

This system also helps farmers to monitor the soil moisture levels in the field and also the temperature and humidity values near the field. The motors and sprinklers in the field can be controlled using the mobile application.