1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

PROBLEM

How might we help people to track the daily news?

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

Encourage wild ideas.

Defer judgment.

Listen to others.

Go for volume.

If possible, be visual.

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing

Jeevitha C

Aesthetic UI Design

Visualize and display in real time

Responsive UI

Clear instructions

Celebrating our team and their achievements

Efficient and smooth working controller

Indhumathi B

Mobile notification functionality

Easy to use

Collaborating with government

Easy to share the results

Perform regular inspections

User Security

Jeevajothi D

Listen for a hiss or whistling noise

Stay updated with latest news

Use a natural gas detector

monitoring services

Daily and weekly reports on mobiles

High sensitivity to propane and less sensitivity to other gases

Kanishka K

Vibrate an alarm buzzer

Dark mode and light mode UI

AC-DC convertor as a voltage source

Keep Employees happy

LPG Sensors detects

Arduino UNO turns on the LCD and buzzer

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

User Interface

- Aesthetic UI Design
- Dark mode and light mode UI
- Responsive UI
- Clear instructions

Core Functionalities

- Mobile notification functionality
- Easy to use
- Enable to make Quick diagnosis
- Easy to share the results
- Stay updated with latest news
- Visualize and display in real time

Marketing

- Collaborating with government
- Use a natural gas detector
- Daily and weekly reports on mobiles
- Perform regular inspections
- Listen for a hiss or whistling noise
- monitoring services

Reward System

- Keep Employees happy
- Celebrating our team and their achievements
- Awards and some cash prices
- Increases their salaries

Security

- LPG Sensors detects
- AC-DC convertor as a voltage source
- User Security
- Depends on LPG and Natural gas

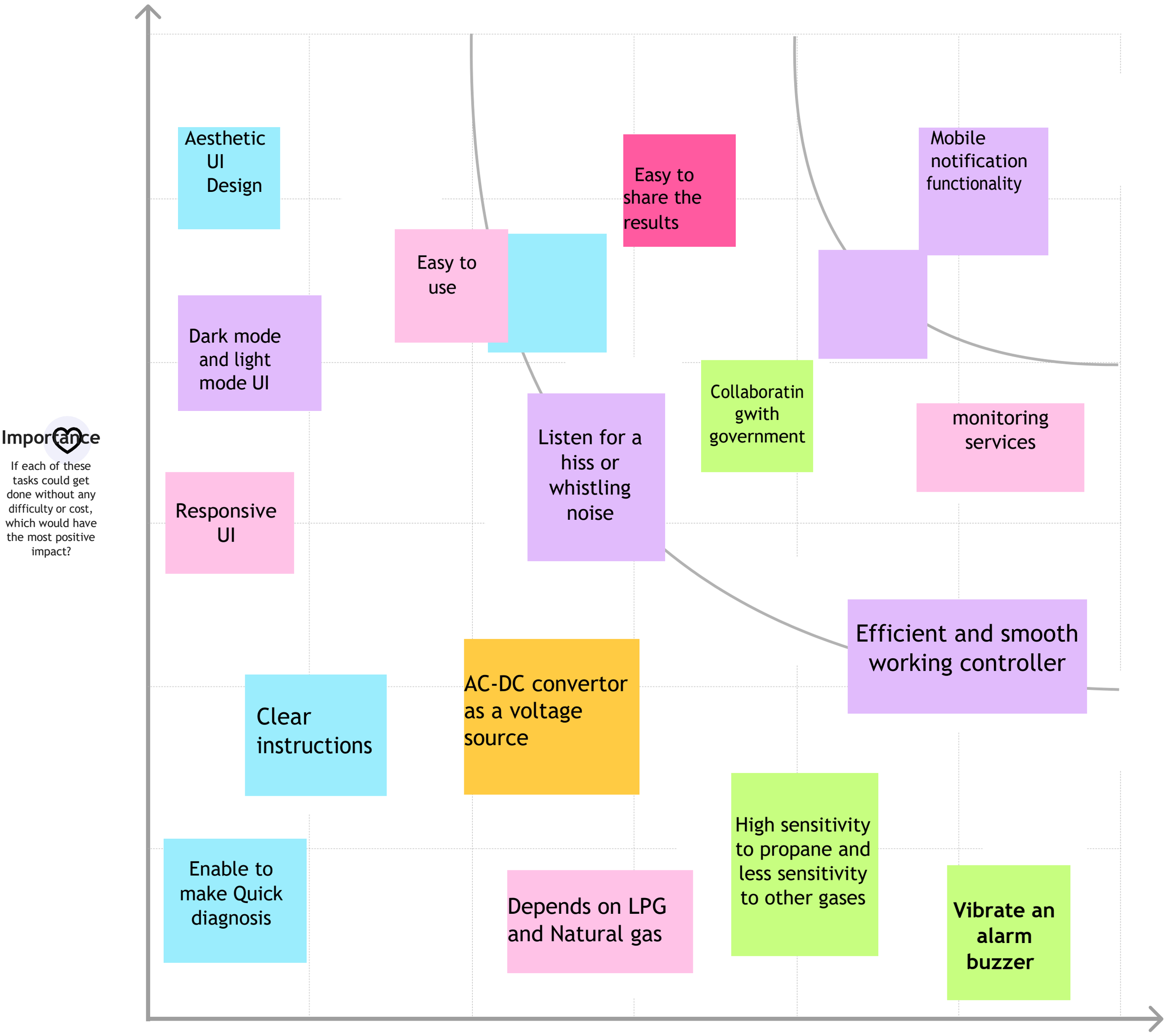
Miscellaneous

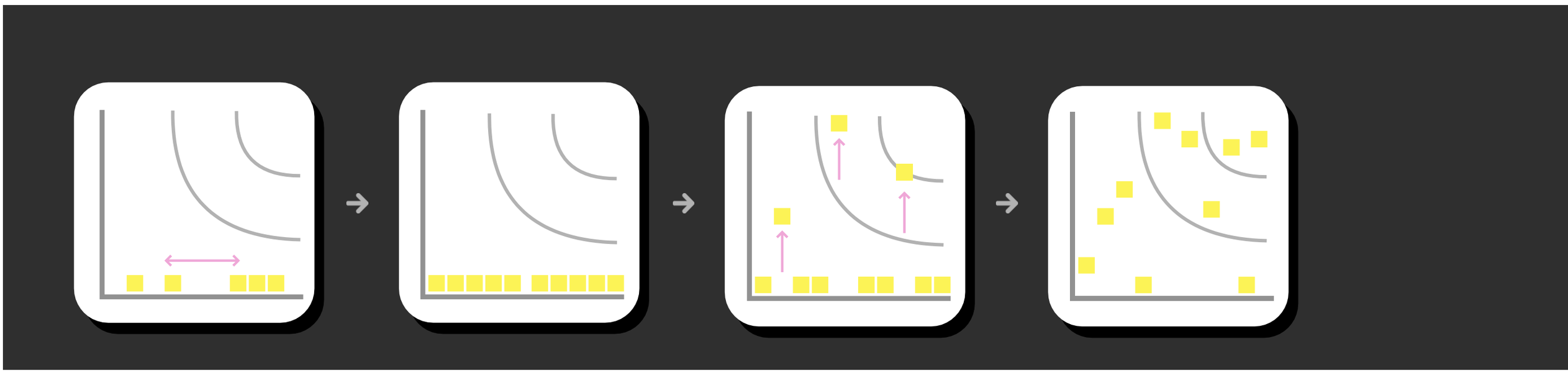
- High sensitivity to propane and less sensitivity to other gases
- **Vibrate an alarm buzzer**
- Arduino UNO turns on the LCD and buzzer
- Efficient and smooth working controller
- Low signals or overlooked by the Arduino

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes



Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)