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 avoid false alarm in fire dectection system?

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!

HARI PRASAD N

USING TEMPERATURE SENSORS TO AVOID FALSE ALARM DUE TO SMOKING CIGARETTES.

ANNAMALAI S

REDUCING SENSITIVITY OF HEAT DETECTORS

USING DOMESTIC POINT SMOKE DETECTORS

MANOJ T

SMOKING SHOULD BE ALLOWED IN DESIGNATED LOCATION

GOKULANATHAN K

USING PROPER EXHAUST FAN AND FILTERS IN KITCHEN

Person 5

Person 6

Person 7

Person 8

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

USING DETECTION ALOGRITHMS

USING FUZZY LOGIC TO AVOID FALSE ALARMS.

USING MACHINE LEARNING

USING COMPUTER VISION TECHNOLOGY

USING CO DETECTORS

USING CARBON MONOXIDE DETECTORS

MAINTENACE OF SENSORS/DETECTORS

CARELESSNESS DURING MAINTENANCE OF SENSORS AND DETECTORS

DIRT AND DUST COMPONENTS IN THE SENSORS

PROPER PLACEMENT OF SMOKE DETECTORS

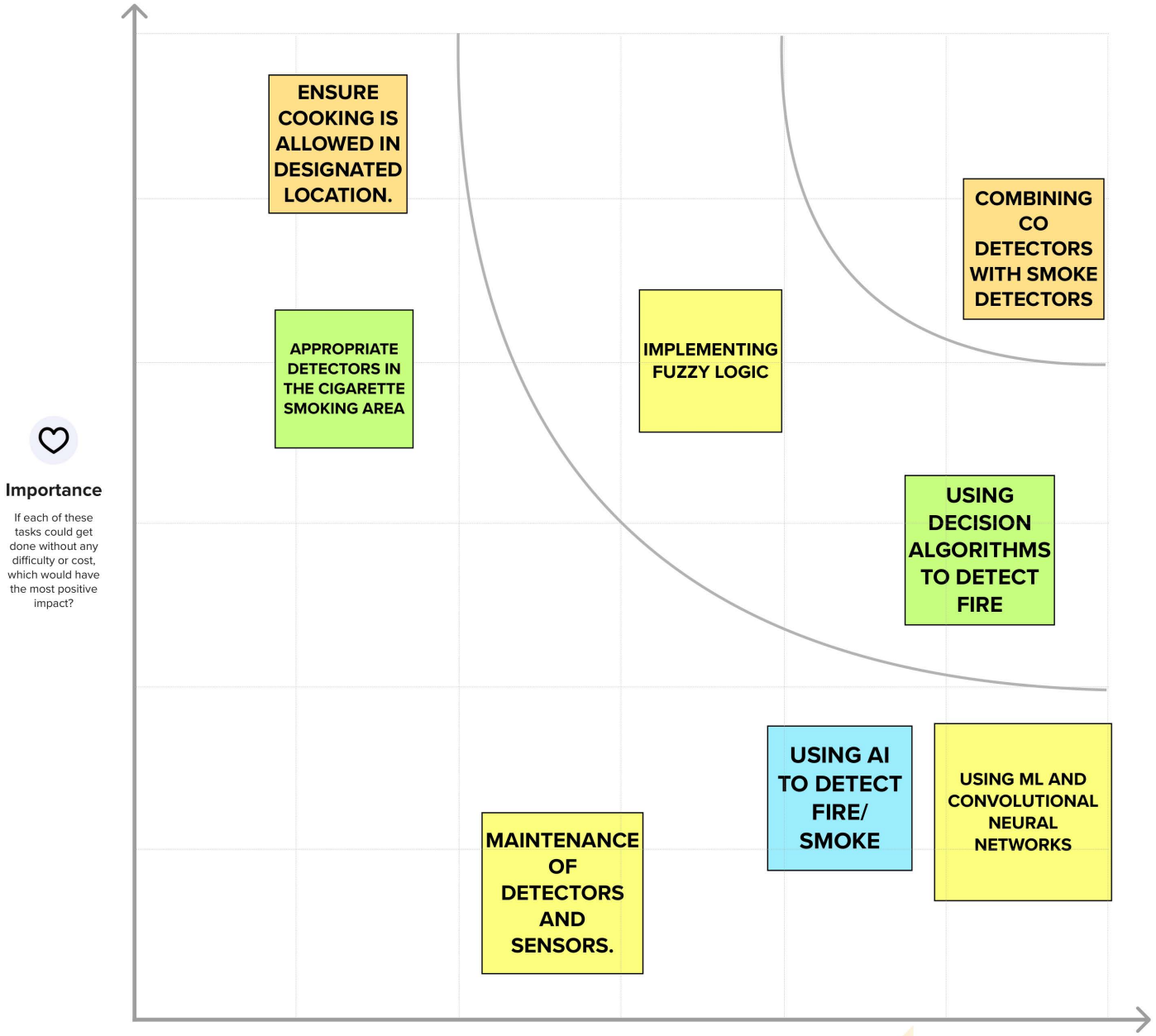
IMPROPER PLACEMENT OF SMOKE DETECTORS.

4

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



Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

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

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the