# Before you collaborate

## A little bit of preparation goes a long way with this session. Here’s what you need to do to get going.

### 10 minutes

**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

**2**

# Brainstorm

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

### 10 minutes

**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

**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

**After you collaborate**

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

CHILD SAFTEY MOINTORING AND

#### A Team gathering

**SUGUNA T**

**JANANISRI M**

**KIRUTHIKA N**

**GOKULA PRIYA S**

**Quick add-ons**

**PROBLEM**

To implementing child saftey monitoring is used to track the childrens and protect from the strangers in the future.

NOTIFICATION

##### Define who should participate in the session and send an

invite. Share relevant information or pre-work ahead.

The bus unit system is to detect the

The bus unit system is to detect the children board or leave

Track the child security

Health status of the child is

GPS

Using GPS to track the current

communication between parents and child

parents are kept aware of their child

Children Coordination

Children state

Handmade tracking device is used to monitor

In emergency situation the child location want send their

Android app develop to monitor all

Our project requires manual

#### Share the mural

**Share a view link** to the mural with stakeholders to keep

child saftey monitoring is important

children board from violence

or leave

Track the child security from violence

monitored

location of the

child

is essential

constantly

information

information

children

parents

the status

intervention

##### them in the loop about the outcomes of the session.

in future it can be done by using

1. **Set the goal**

Child Environment

Heart beat sensor

The bus unit system is to detect the children board or leave

###### The ability to locate

The clear picture of the location is

TO prevent child before

###### Reduces the rate of

Using heartbeat sensor to

Announcing and

###### Student in school is their

Ensure the safety of the child by this

Smart bank connected to

Trigger the alarm at the emergency

State of child system based on raspberry

1. **Export the mural**

different IOT sensors and GSM module and transmit the message.

**10 minutes** to prepare

**1 hour** to collaborate

**2-8 people** recommended

##### Think about the problem you'll be focusing on solving in

the brainstorming session.

1. **Learn how to use the facilitation tools**

Use the Facilitation Superpowers to run a happy and productive session.

[**Open article**](https://support.mural.co/en/articles/2113740-facilitation-superpowers)

**Key rules of brainstorming**

y

Raspberr PI

Mobile device

Children Coordination information

Child Environment is monitored

To run an smooth and productive session

is monitored the children

noted

being attack

###### child abuse

monitor child

heart rate

remaining

###### monitored

methods

the parents

period pI

The future improvements of this device will be adding functions and software to make it works like a phone such as messaging, gallery, Google, YouTube,

meanwhile, adding more child security features so that child safety is guaranteed

Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Track the child security from violence

GSM

**Keep moving forward**

**Strategy blueprint**

Define the components of a new idea or strategy.

[**Open the template**](https://app.mural.co/template/e95f612a-f72a-4772-bc48-545aaa04e0c9/984865a6-0a96-4472-a48d-47639307b3ca)

**Customer experience journey map**

Understand customer needs, motivations, and

Stay in topic.

Using GPS to track the current location of the child

Defer judgment.

Encourage wild ideas.

Listen to others.

Importance

Internet of things (IoT) refers to networked

interconnection of objects featured with ubiquity intelligence Safety Device he safety device protects individuals from potential

harms and dangers. A research done by proposed the

child safety wearable device using raspberry pi 3.

obstacles for an experience.

[**Open the template**](https://app.mural.co/template/b7114010-3a67-4d63-a51d-6f2cedc9633f/c1b465ab-57af-4624-8faf-ebb312edc0eb)

State of child system based on raspberry pI

Our project requires manual intervention

communication between parents and child is essential

Go for volume. If possible, be visual.

**Strengths, weaknesses, opportunities & threats**

Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

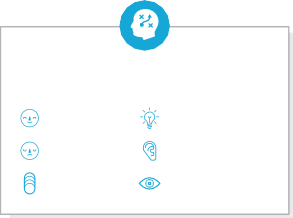
The ability to locate the children

Handmade tracking device is used to monitor children

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[**Open the template**](https://app.mural.co/template/6a062671-89ee-4b76-9409-2603d8b098be/ca270343-1d54-4952-9d8c-fbc303ffd0f2)

Trigger the alarm at the emergency period



**Template**

Reduces the rate of child abuse

Children state information

[**Share template feedback**](https://muralco.typeform.com/to/CiqaHVat?typeform-source=app.mural.co)

tracking device is used to

children

Using heartbeat sensor to monitor child heart rate

Feasibility

Enable tracking of the child’s location and capturing

of data remotely such as temperature, pulse, respiratory rate, quality of sleep and many more

Announcing and remaining

Smart bank connected to the parents

In emergency situation the child location want send their parents

Android app develop to monitor all the status

parents are kept aware of their child constantly

State of child system based on raspberry pI

Trigger the alarm at the emergency period

Ensure the safety of the child by this methods

[**Share template feedback**](https://muralco.typeform.com/to/CiqaHVat?typeform-source=app.mural.co)

**Need some inspiration?**

See a finished version of this template to kickstart your work.

[**Open example**](https://app.mural.co/template/e5a93b7b-49f2-48c9-afd7-a635d860eba6/93f1b98d-b2d2-4695-8e85-7e9c0d2fd9b9)

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