



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



Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.



Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.



Learn how to use the facilitation tools

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

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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

Here, passengers are getting much struggles to get train tickets in railway station. Due to avoid this, QR code scanner is introduced for reservation of train to make a journey.



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!

PRAKASH S

- Ability to monitor the train details using sensors
- Develop python code to check the right passenger.
- Create web application for end user
- Passenger can able to using the QR code to verify their details.

SURYA KUMAR N

- IOT algorithms used
- QR code helps to retrieve the passenger details
- Using smart phones, we can easily use this app
- Using GPS navigator we can access the train accurately

SANKAR S

- Power full tool NODE RED service
- Does not need any experience for using this application
- WEB UI is an intuitive, visual programming environment
- Using GPS navigator to locate where the train is

VIGNESH G

- Boosts confidence among the impaired people to use application
- Node-RED is a visual tool for building workflows for IOT
- For web application Cloudant DBis used
- Using QR code, ticket collector can easily find the fraud passengers

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

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

Technology

IoT uses its potential to develop solutions to many physical and cognitive challenges for passengers face at a stand in a queue to get tickets.

Solving Passengers Problems

Increased Security reduces fraud person, and Helps passengers to get a ticket easily online

Model Analogy

Detailed WEB UI which is user-friendly. Data are stored IN CLOUD DB. It is safe and secure.

4

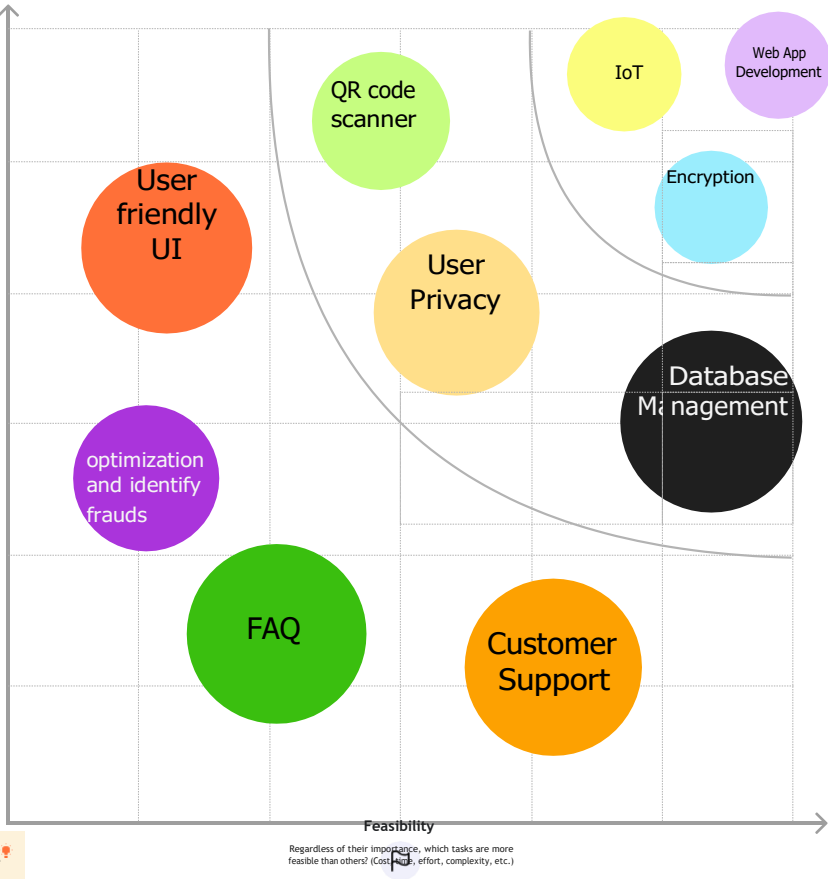
Prioritize

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 ideas is a priority, which would have the most positive impact?

**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 H key on the keyboard.



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.

Quick add-ons



Share the mural

Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.



Export the mural

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

Keep moving forward



Strategy blueprint

Define the components of a new idea or strategy.



Open the template →



Customer experience journey map

Understand customer needs, motivations, and obstacles for an experience.



Open the template →



Strengths, weaknesses, opportunities & threats

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



Open the template →

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