

Ideation Phase

Brainstorm & Idea Prioritization Template

Project Name	AI-Enhanced Intrusion Detection System
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Reference: <https://app.mural.co/t/pratikshagaji3856/m/pratikshagaji3856/1744709563527/d4e1c0a25d29122e692c0381a491d501a1568b0a?sender=u268b3e2ac4f9f95fd2215109>

Strp1 : Team Gathering, Collaboration and Select the Problem Statement

Template

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 10 minutes to prepare
- 1 hour to collaborate
- 2-3 people recommended

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.

[Open article](#)

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 can we enhance traditional intrusion detection systems using AI techniques to improve accuracy and reduce false positives?"

Key rules of brainstorming

To run a smooth and productive session

- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

1

Brainstorm
Write down any ideas that come to mind that address your problem statement.
[10 minutes](#)

Tip

You can select a sticky note and move it to the board (click or drag) or to the board (click or drag).

Person 1

AI techniques, Data requirements

System integration , Challenges

Tools & platforms (e.g., Python, Keras, Snort, etc.)

2

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 can break it up into smaller sub-groups.
[20 minutes](#)

Tip

Add additional things to sticky notes to make it easier to find, remove, replace, and compare clusters of notes as needed within your board.

Detection Techniques (e.g., CNN, RNN, Autoencoders)

System Design (e.g., edge vs cloud)

Data & Features (e.g., network logs, packet headers)

Challenges (e.g., false positives, attack variety)

Tools & Frameworks (e.g., TensorFlow, Scikit-learn, Suricata)

Disable Reactions

Celebrate!

Broadcast my cursor

Step-3: Idea Prioritization



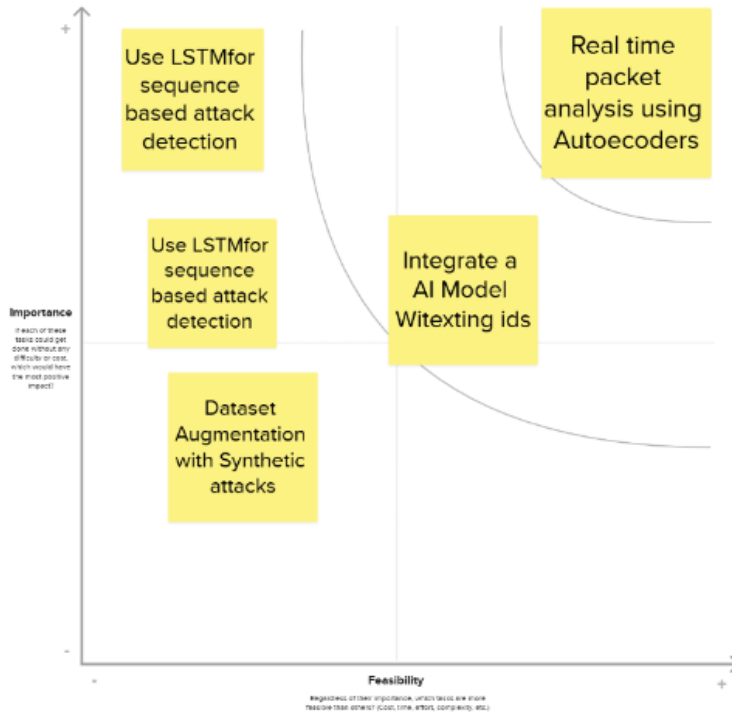
Prioritize

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

TIP

Participants can use their names to point at where sticky notes should go on the grid. The facilitator can consider the need by using the user centering the **Why** on the sticky note.



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 clear link to the mural with collaborators 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](#)