

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	16 June 2025
Team ID	LTVIP2025TMID32040
Project Name	Smart SDLC - AI Enhanced Software Development Lifecycle
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.




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.


Step-1: Team Gathering, Collaboration and Select the Problem Statement




Brainstorm & idea prioritization

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 10 minutes to prepare
 1 hour to collaborate
 2-8 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

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


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

C 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


How might we [your problem statement]?


**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.

Step-2: Brainstorm, Idea Listing and Grouping

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!

Person 1

Use AI to auto-generate SDLC documentation based on user prompts.

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Person 2

Create visual workflows or flowcharts using AI (e.g., generate DFDs or UML diagrams).

Add voice-to-text support for quicker prompt entry, especially useful in meetings.

Person 3

Enable real-time collaboration where team members can rate or vote on AI suggestions.

Integrate performance feedback loops for code to refine AI recommendations for development & testing phases.

Person 4

Offer AI-powered suggestions for risk assessment or deployment bottlenecks.

Store previously asked questions in a knowledge base for new team members.

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 can break it up into smaller sub-groups.

🕒 30 minutes

TIP When you have a large group of ideas, try using a dot-voting system where team members place a dot on the ideas they like best. The ideas with the most dots are the most popular and can be prioritized for further exploration.

AI-Powered SDLC Documentation Generation

Phase-Specific AI Guidance

AI-Generated Visual Aids

Step-3: Idea Prioritization

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

TIP

Participants can use their cursor to point at ideas, which makes it easy to go on the grid. The facilitator can control the pace by using the team pointer, holding the **Alt** key on the keyboard.

