

## Ideation Phase

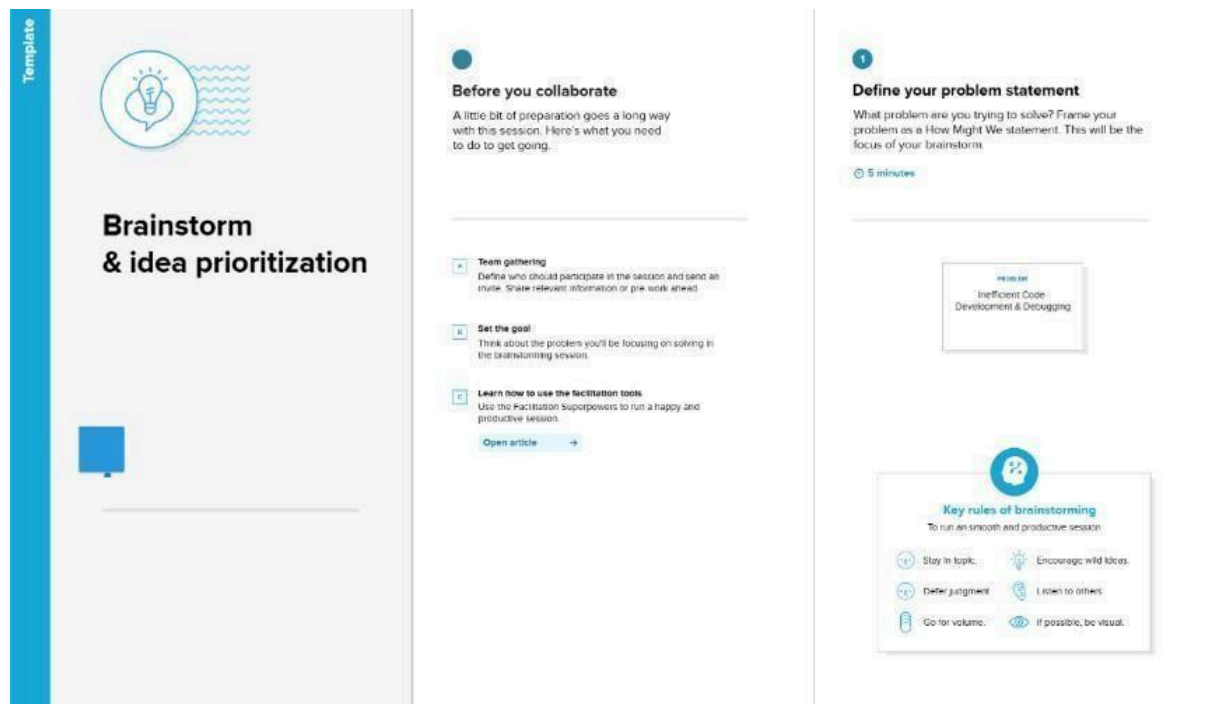
### Brainstorm & Idea Prioritization Template

Date	24 June 2025
Team ID	LTVIP2025TMID38248
Project Name	SmartSDLC - 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.

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



## Step-2: Brainstorm, Idea Listing and Grouping

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### Brainstorm

Rapidly write functional, bug-free code and efficiently resolve any issues.

10 minutes

Person 1	Person 2	Person 3	Person 4
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Person 5	Person 6	Person 7	Person 8
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### Group ideas

- Auto-generate functions.
- Fix syntax errors automatically.
- Explain complex code.
- Suggest unit tests.
- Translate user stories to code.
- AI for refactoring.
- Interactive debugging helper.
- Code summarization tool.

20 minutes

## Step-3: Idea Prioritization

4

### Prioritize

- **AI Code Generator:** High impact on developer productivity, feasible with LLMs.
- **Automated Bug Fixing:** Direct pain reliever for developers, feasible.
- **Code Summarizer:** Solves a common pain for understanding code, relatively feasible.
- **Interactive AI Chatbot Assistant:** Provides immediate support, quite feasible with existing LLM pipelines.

TIP

Participants can use their current to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the word "where" reading the ID key on the sticky note.

