Ideation Phase Brainstorm & Idea Prioritization Template

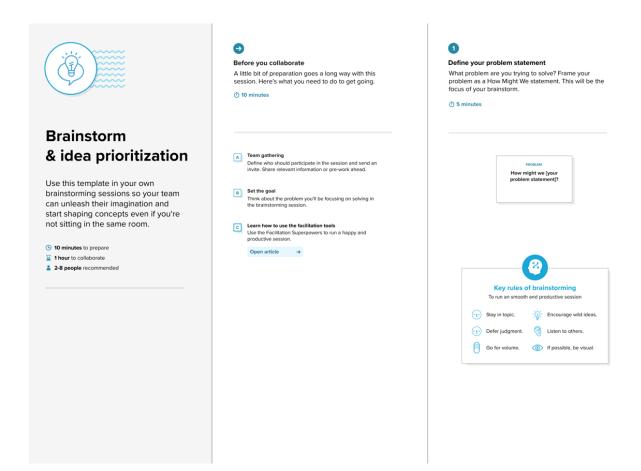
Date	31 January 2025
Team ID	LTVIP2025TMID32512
Project Name	Classifying fabric patterns using deep learning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

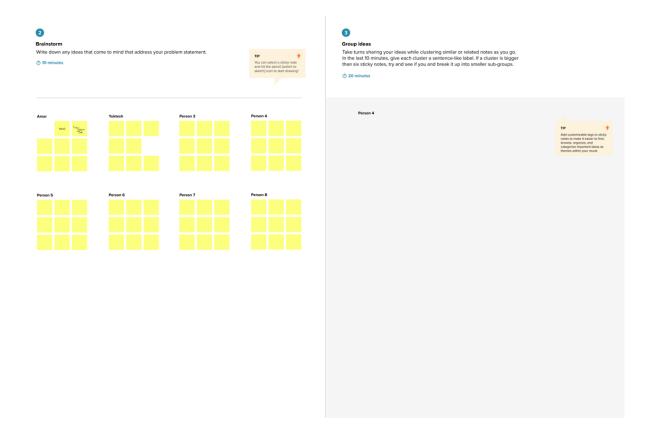
To develop and refine *Pattern Sense*, we begin with brainstorming key applications and functionalities across multiple industries. In the **fashion industry**, high priority should be given to developing a robust classification system capable of distinguishing between common and complex fabric patterns (e.g., stripes, polka dots, florals, geometrics) to support designers and retailers in managing large textile databases. For **textile quality control**, a medium to high priority is automating defect detection by training the system to recognize irregularities or inconsistencies in repeated patterns, which would significantly reduce manual inspection efforts. In **interior design**, a medium priority can be set on integrating pattern recognition with design recommendation tools to match fabrics with room styles or color schemes, enhancing productivity and client satisfaction. Low-priority but innovative extensions could include mobile app integration for real-time pattern scanning or integration with e-commerce platforms to tag and categorize fabrics visually. Prioritization should be based on market demand, technical feasibility, and potential return on investment, with initial focus on building a high-accuracy classifier before expanding into real-time applications or user-customizable features.

Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

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



Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization

