Ideation Phase
Brainstorm & Idea Prioritization Template

Date	31 January 2025
Team ID	LTVIP2026TMIDS78841
Project Name	Flavour Fusion: AI-Driven Recipe Blogging
Maximum Marks	4 Marks

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

Problem Statement: How might we create an application that leverages Generative AI to write customized recipe blogs based on user-provided topics and word counts, while keeping the user entertained with jokes during the generation process?

Step-2: Brainstorm, Idea Listing and Grouping

Idea Listing:

- **Idea 1**: Build an interactive UI using Streamlit for users to easily input a recipe topic and select a word count.

- **Idea 2**: Integrate Google's Gemini 1.5 Flash to generate the actual recipe content based on the user's specific parameters.

- **Idea 3:** Display random programming jokes to engage and entertain users while they wait for the AI to generate the blog.

- **Idea 4:** Return a well-structured, easy-to-read recipe blog directly on the Streamlit frontend.

Grouping Ideas:

- **User Interface (UI):** Idea 1, Idea 4

- **AI Backend:** Idea 2

- **User Engagement / Experience:** Idea 3

Step-3: Idea Prioritization

- Streamlit UI creation for capturing topic and word count inputs.
- Integration with the Gemini 1.5 Flash API for the core blog generation.
- Displaying the generated text output successfully.
- Adding the random programming joke feature during the system's loading/processing phase.