Data Collection and Preprocessing Phase

Date	09 February 2026
Team ID	LTVIP2026TMIDS66319
Project Title	Flavour Fusion: AI-Driven Recipe Blogging
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification

Data Collection Plan

Section	Description
Project Overview	Flavour Fusion is an AI-driven recipe blogging application that generates customized recipe blogs based on user input. The project does not rely on a pre-existing dataset; instead, it dynamically processes user-provided text input to generate content using a pre-trained generative AI model.
Data Collection Plan	The data for this project is collected **directly from users at runtime** through a Streamlit-based web interface. Users provide: • Recipe topic • Desired word count This input data is processed in real time and sent to the AI model for content generation.
Raw Data Sources Identified	Since this project uses real-time user input and a pre-trained AI model, no external datasets (CSV, images, or files) are collected or stored.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
User Input Data	Text entered by users (recipe topic & word count)	Streamlit Web Interface	Text	Small	Public (user-provided)
AI Model Output	Generated recipe blog content	Gemini Flash Lite API	Text	Variable	Restricted (API-based)