

MODEL DEVELOPMENT PHASE TEMPLATE

Date	31 Jan 2025
Team ID	LTVIP2026TMIDS83843
Project Name	flavour fusion: ai-driven recipe blogging
Maximum Marks	6 Marks

Model Selection Report

This project uses a pre-trained generative AI model (Gemini 2.5 Flash) for recipe blog generation. Since the model is not trained within this project and does not perform classification, traditional metrics such as Accuracy and F1 Score are not applicable. Model selection was based on performance, response time, and ease of integration.

Model Description	Hyperparameters	Performance Metric (e.g., Accuracy, F1 Score)
Gemini 2.5 Flash – Pre-trained transformer-based generative language model used for structured recipe generation.	Model: gemini-2.5-flashAPI Version: v1 Prompt-based structure control Default temperature settings	Not Applicable (Generative Model) Qualitative Evaluation: High relevance, Proper structure, <5sec response time