

Project Design Phase
Proposed Solution Template

Date	10-02-2026
Team ID	LTVIP2026TMIDS65437
Project Name	Flavour Fusion: -Ai-Driven Recipe Blogging
Maximum Marks	5 Marks

Proposed Solution for Flavour Fusion: -Ai-Driven Recipe Blogging

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Despite the abundance of online cooking platforms, modern home cooks face significant challenges. "Flavours Fusion" aims to bridge this gap by using AI to generate high-quality, personalized, and visually inspired recipes that blend diverse culinary traditions, transforming the passive act of reading a blog into an interactive, tailored cooking experience.
2	Key Features & Solutions	<ul style="list-style-type: none">• AI-Driven Fusion Recipe Generator• Image-to-Recipe (Computer Vision)• Automated Blogging Workflow• Personalization & Dietary Filters• constraints• Nutritional Analysis & Data
3	Technical implementation & workflow	<ul style="list-style-type: none">• Image Input: User uploads/captures a food image.• Preprocessing & Recognition: A Convolutional Neural Network (CNN)• Recipe Generation: A Recurrent Neural Network (RNN/LSTM) or LLM• Content Formatting: The output is automatically formatted into a CMS• User Interaction: Users can rate, remix, share, or download the recipes.
4	Target Audience & Value Proposition	<ul style="list-style-type: none">• Adventurous Home Cooks: Looking for unique, quick, and easy fusion recipes.• Busy Professionals: Need quick meal ideas using available ingredients (reducing waste).• Content Creators/Bloggers: Can generate high-quality, SEO-optimized, and unique recipe content instantly.
5	Potential Revenue Models	<ul style="list-style-type: none">• Freemium Subscription: Free for basic, pay for advanced AI features.• Affiliate Marketing: Links to purchase unique ingredients or cookware via Amazon Fresh/Instacart.• Sponsored Content: Sponsored fusion combination

