

Functional & Performance Testing Template

Model Performance Test

Date	23 February 2026
Team ID	LTVIP2026TMIDS78841
Project Name	AI-Driven Recipe Blogging
Maximum Marks	

Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Recipe topic input validation(Text Input Validation)	Enter valid topic (Vegan Cake) Enter empty topic Click generate	System accepts valid input and shows error for empty input.	Valid topic accepted, error shown for empty input.	Pass
FT-02	Number Input Validation (Word count input validation)	Enter valid word count (800) Enter negative value or invalid number	System accepts valid word count and rejects invalid values.	Valid word count accepted, invalid values rejected.	Pass
FT-03	Content Generation (AI recipe blog generation)	Enter topic and word count Click generate	AI generates structured recipe blog.	Recipe blog generated successfully.	Pass
FT-04	Gemini API connectivity	Run application Generate blog	API connects successfully and returns response.	API connected successfully.	Pass
PT-01	Response Time Test(Blog generation speed)	Generate blog using timer	Content generated within 3–5 seconds.	Content generated within 4 seconds.	Pass

PT-02	API Speed Test(Multiple API request handling)	Generate content multiple times	API responds without delay.	API handled requests efficiently.	Pass
PT-03	File Upload Load Test (e.g., PDFs)	Generate multiple blogs continuously	Application works without crashing.	System handled continuous usage successfully.	Pass