

## User Acceptance Testing (UAT) Template

Date	23-02-2026
Team ID	LTVIP2026TMIDS78841
Project Name	Flavour Fusion: AI-Driven Recipe Blogging
Maximum Marks	

### Project Overview:

Project Name: Flavour Fusion: AI-Driven Recipe Blogging

Project Description: Flavour Fusion is a Generative AI-based web application that generates customized recipe blog content using Google's Gemini 1.5 Flash model. The application allows users to input a recipe topic and desired word count, and the system automatically generates structured and engaging recipe blog content. The system also displays a programmer joke while generating content to enhance user experience. The application is developed using Python and deployed using Streamlit.

Project Version: Version 1.0

Testing Period: 20-02-2026 to 23-02-2026

### Testing Scope:

#### Features and Functionalities Tested

- User input validation (topic and word count)
- Recipe blog generation using Gemini API
- Programmer joke display feature
- AI content accuracy and structure
- Streamlit user interface functionality
- Output display and content generation speed
- System performance and response time

#### User Stories Tested

- User enters recipe topic and word count.
- System generates recipe blog content.
- System displays joke during processing.
- User views and copies generated content.

### Testing Environment:

#### URL/Location:

Streamlit Local Application (<http://localhost:8501>)

**Credentials:**

Not Required

**Test Cases:**

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	Verify user input for recipe topic	Open application Enter recipe topic Click generate	System accepts valid topic input	System accepts topic successfully	Pass
TC-002	Verify word count input	Enter word count Click generate	System accepts valid word count	Word count accepted	pass
TC-003	Verify AI blog generation	Enter topic and word count Generate blog	AI generates recipe blog	Blog generated successfully	pass
TC-004	Verify programmer joke display	Click generate Observe screen	Joke displayed during generation	Joke displayed correctly	pass
TC-005	Verify output display	Generate blog Check output section	Generated content displayed	Content displayed properly	pass
TC-006	Verify invalid input handling	Leave topic empty Click generate	Error message shown	Error displayed	Pass

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### Bug Tracking:

Bug ID	Bug Description	Steps to reproduce	Severity	Status	Additional feedback
BG-001	Delay in response during blog generation	Enter topic Click generate Observe delay	Low	Closed	Performance improved after optimization.
...	...	...	...	...	...

### Sign-off:

Tester Name:Pydi Geetha Rani Sri

Date: 23-02-2026

Signature:Geetha Pydi

### Notes:

- Ensure that all test cases cover both positive and negative scenarios.
- Encourage testers to provide detailed feedback, including any suggestions for improvement.
- Bug tracking should include details such as severity, status, and steps to reproduce.
- Obtain sign-off from both the project manager and product owner before proceeding with deployment.