

# **Functional & Performance Testing**

## **Model Performance Test**

<b>Date</b>	8 February 2026
<b>Team ID</b>	LTVIP2026TMIDS57513
<b>Project Name</b>	calculating family expenses using service now
<b>Maximum Marks</b>	4 Marks

## **Test Scenarios & Results**

<b>Test Case ID</b>	<b>Scenario (What to test)</b>	<b>Test Steps (How to test)</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Pass/Fail</b>
FT-01	Verifies that text fields accept valid input and reject invalid or empty values.	Verify that the system accepts valid text and displays error messages for invalid or empty inputs.	The system accepts correct input and displays validation messages for incorrect entries.	Valid inputs were accepted and error messages were displayed for invalid inputs	Pass
FT-02	Ensures numeric fields accept only numbers within	Check that numeric fields allow only permitted values	Numeric inputs within limits are accepted and invalid values are	Valid numeric values were accepted and out-of-range	Pass

	defined limits.	and restrict out-of-range inputs.	rejected.	values were rejected	
FT-03	Checks that the system generates accurate and relevant output based on user input.	Ensure the system processes all required inputs and produces the expected output.	Output is generated accurately according to the provided inputs.	Content was generated correctly based on the given input	Pass
FT-04	Confirms that the application successfully connects and communicates with the API.	Confirm that the system successfully authenticates using the API key and returns a valid response.	The system receives a valid response from the API without errors.	API responded successfully without any errors	Pass
PT-01	Measures how quickly the system responds to user requests.	Measure the time taken by the system to generate output after submission.	The system generates the response within the expected time limit.	Response time was within 3 seconds	Pass
PT-02	Evaluates the performance and latency of API requests under normal conditions.	Send multiple API calls at the same time	API maintains consistent performance under normal and multiple request loads.	API performance remained stable without slowdown	Pass
PT-03	File Upload Load Test	Upload multiple PDFs and check processing	The system handles file uploads or heavy usage without errors or system failure.	File upload and processing worked smoothly without crashing	Pass

