

Functional & Performance Testing Template

Model Performance Test

Date	21 February 2025
Team ID	LTVIP2025TMID59424
Project Name	Citizen AI – Intelligent Citizen Engagement Platform
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	Text Input Validation (e.g., feedback text)	Enter valid and empty feedback messages	Accepts valid input; shows error on empty	Handled correctly	✓ Pass
FT-02	Sentiment Classification Accuracy	Submit sample positive, negative, and neutral feedback	Each should be classified correctly	Labels match expected sentiment	✓ Pass
FT-03	Chatbot Response Flow	Ask common queries like "How to get PAN card?"	Provides relevant rule-based or AI-based reply	Correct replies shown	✓ Pass
FT-04	API Connection Check (OpenAI / Granite)	Check if AI key is correct and models respond	Returns successful response from API	Responds correctly with sentiment	✓ Pass
FT-05	Feedback Storage Test	Submit feedback and check database entry	Entry should appear in feedback table with timestamp	Stored correctly in SQLite	✓ Pass