Functional & Performance Testing Template

Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID21064
Project Name	Citizen AI – Intelligent Citizen Engagement Platform
Maximum Marks	

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Chatbot Query Input	Enter various valid and invalid queries into chatbot	Correct responses for valid queries; error for invalid inputs	Responses matched expectations	Pass
FT-02	Feedback Sentiment Classification	Submit positive, negative, and neutral feedback	Correct sentiment classification	Mostly correct classifications	Pass
FT-03	User Input Validation	Send empty or corrupted input to chatbot	Show warning or skip processing	Warning displayed correctly	Pass
PT-01	Chatbot Response Time	Use stopwatch to measure query-to-response time	Under 3 seconds	2.3 seconds average	Pass
PT-02	API Throughput Test	Send multiple queries simultaneously (via Collab or frontend)	No major slowdown or crash	Stable up to 15 concurrent requests	Pass