

Functional & Performance Testing Template

Model Performance Test

Date: 26 June 2025

Team ID : LTVIP2025TMID20299

Project Name : Sustainable Smart City Assistant Using IBM Granite LLM

Maximum Marks: 2

Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Policy Summarization	Upload a PDF policy document with 3+ pages	Citizen-friendly summary generated	Summary produced using IBM Granite LLM	Pass
FT-02	Citizen Feedback Submission	Select category, type issue, click Submit	Feedback submitted and success message shown	Category and description logged; confirmation displayed	Pass
FT-03	KPI Forecasting	Upload sample KPI CSV file with time-series data	Forecasted insights generated from the data	Forecast summary generated and shown in text area	Pass
FT-04	Anomaly Detection	Upload KPI data with deliberate outliers	Anomalous patterns detected and described	LLM identified and explained outliers	Pass

FT-05	Eco Tips Generator	Enter keyword like "plastic" or "solar"	5 sustainability tips shown related to keyword	Relevant eco tips returned with context	Pass
FT-06	Chat Assistant Response	Ask city-related query in chat input	AI provides relevant city/sustainability response	Chatbot returns meaningful LLM-generated answer	Pass
FT-01	Policy Summarization	Upload a PDF policy document with 3+ pages	Citizen-friendly summary generated	Summary produced using IBM Granite LLM	Pass