

## Functional & Performance Testing

### Model Performance Test

Date	26 June 2025
Team ID	LTVIP2025TMID59533
Project Name	Edututor AI: personalized learning with generative AI and lms integration
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	Test Summary, Test Explanation generation latency	Enter valid and invalid text in input fields	Valid inputs accepted, errors for invalid inputs	<2.5s	Pass
FT-02	Quiz Generation stress Test	Enter the suitable prompt	Generates Quiz, summary accordingly	Working as expected	Pass
FT-03	Content Generation (e.g: content as text, copy to clipboard)	Provide complete inputs and click "Generate"	Correct content is generated based on input	Smooth working	Pass
FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	Successful connection	Pass
PT-01	Response Time Test	Use a timer to check content generation time	Should be under 3 seconds	<3s	Pass
PT-02	API Speed Test	Send multiple API calls at the same time	API should not slow down	<3s	Pass
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	Should work smoothly without crashing	Plot load instantly	Pass