Functional & Performance Testing

Model Performance Test

Date	10th April, 2025
Team ID	SWTID1744119659
Project Name	ShopEZ: Online E-Commerce 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., topic, job title)	Enter valid and invalid text in input fields	Valid inputs accepted, errors for invalid inputs	Valid inputs were submitted successfully; invalid inputs triggered appropriate error messages	Pass
FT-02	Number Input Validation (e.g., word count, size, rooms)	Enter numbers within and outside the valid range	Accepts valid values, shows error for out-of-range	Application accepted valid numbers and displayed error for out-of-range values	Pass
FT-03	Content Generation (e.g., blog, resume, design idea)	Provide complete inputs and click "Generate"	Correct content is generated based on input	Generated content matched the input criteria accurately	Pass
FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	API key was verified and successful response received from the model	Pass
PT-01	Response Time Test	Use a timer to check content generation time	Should be under 3 seconds	Content was generated in 2.5 seconds on average	Pass
PT-02	API Speed Test	Send multiple API calls at the same time	API should not slow down	Concurrent requests were handled efficiently with minimal delay	Pass

| PT-03 | File Upload Load Test (e.g., PDFs) | Upload multiple PDFs and check processing | Should work smoothly without crashing | Multiple PDFs uploaded and processed without performance issues | Pass |