Functional & Performance Testing

Model Performance Test

Date	12 April 2025
Team ID	SWTID1742751842
Project Name	ShopEZ: One-Stop Shop for Online Purchases
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 generated content; invalid entries showed proper 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	Accepts numbers in range; error shown 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	Accurate content generated matching the input context	Pass
FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	Connection stable; API responded on every call	Pass

PT-01	Response Time Test	Use a timer to check content generation time	Should be under 3 seconds	Average response time: 2.4 seconds	Pass
PT-02	API Speed Test	Send multiple API calls at the same time	API should not slow down	API handled 5+ concurrent calls without delay or failure	Pass
PT-03	Image Upload Load Test (Admin-Product Images)	Upload multiple PDFs and check processing	Images should upload quickly without delay or errors. The product should be created successfully, and images should display correctly in product listings.	Admin uploaded multiple high-res images without delay or crash. Product was created successfully, and images displayed correctly...	Pass