

CleanTech: Transforming Waste Management with Transfer Learning

Team ID: LTVIP2025TMID39058

Functional Testing

Test Case ID	Scenario	Test Steps	Expected Result	Actual Result	Pas
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	Validated successfully; errors shown for invalid input	Pas
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	Boundary values tested and handled correctly	Pas
FT-03	Content Generation (e.g., blog, resume, design idea)	Provide complete inputs and click 'Generate'	Correct content is generated based on input	Relevant and structured content generated	Pas
FT-04	API Connection Check	Check if API key is correct and model responds	API responds successfully	API connected and returned valid response	Pas

Performance Testing

Test Case ID	Scenario	Test Steps	Expected Result	Actual Result	Pas
PT-01	Response Time Test	Use a timer to check content generation time	Should be under 3 seconds	Average time: 2.4s	Pas
PT-02	API Speed Test	Send multiple API calls at the same time	API should not slow down	Handled 10 concurrent calls smoothly	Pas
PT-03	File Upload Load Test (e.g., PDFs)	Upload multiple PDFs and check processing	Should work smoothly without crashing	Handled 5 files with no crash	Pas