Functional & Performance Testing Template

Model Performance Test

Date	21 February 2025
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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., product name, user info)	Enter valid/invalid text into product creation or user registration fields	Valid inputs are accepted, errors shown for invalid ones	As Expected	Pass
FT-02	Number Input Validation (e.g., price, quantity)	Input numbers within and outside expected range in admin dashboard forms	Accepts valid numbers, shows error for invalid range values	As Expected	Pass
FT-03	Content Generation (e.g., product listing generation)	Fill out product form and submit	Product is added and visible on frontend	As Expected	Pass
FT-04	API Connection Check	Run backend, test endpoints via Postman or browser	API endpoints return appropriate responses (e.g., JSON data)	As Expected	Pass

PERFORMANCE TESTING

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
PT-01	Response Time Test	Time the product listing or login endpoint	Should load within 2-3 seconds	2.1 seconds	Pass
PT-02	API Speed Test	Simultaneously hit multiple API endpoints	Server should not crash or slow down	As Expected	Pass
PT-03	File Upload Load Test (image uploads)	Upload several product images at once	All images uploaded without failure	As Expected	Pass