Functional & Performance Testing Template
Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID32013
Project Name	SmartSDLC – AI-Enhanced Software Development Lifecycle
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	Sprint and Task Input Validation	Enter valid and invalid names for sprints and tasks	Accepts valid text; displays errors for blank/invalid entries		
FT-02	Story Point Range Validation	Input story points	error shown for out-of-range values		
FT-03	Velocity Calculation Accuracy	Add multiple sprints and verify velocity calculation	Total story points / total sprints is calculated correctly		
FT-04	Flask App Form Submission	Submit task and sprint data via form on Flask web app	Form submits successfully and data is processed		
PT-01	Sprint Summary Generation Time	Measure the time it takes to generate a sprint report	Output should appear in under 3 seconds		
PT-02	Flask App Load Performance	Access multiple pages of the app (home, sprint, velocity) rapidly	Pages should load without significant delay		
PT-03	Concurrent Access Stability	Simulate 5 users submitting data at once	App handles all requests without crash or delay		