

## Functional & Performance Testing Template

### Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID59764
Project Name	HematoVision – Advanced Blood Cell Classification Using Transfer Learning
Maximum Marks	4

#### Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	Image Input Validation	Upload valid and invalid image files	Valid images processed, invalid ones rejected	Valid processed, invalid rejected	Pass
FT-02	Model Prediction	Upload blood cell image and get result	Returns one of the 4 classes	Returned 'neutrophil'	Pass
FT-03	Result Page Rendering	Submit image via upload and check result page	Displays predicted cell type + image	Displayed correctly	Pass
PT-01	Response Time Test	Measure model response time	Should be under 3 seconds	2.1 seconds	Pass
PT-02	Concurrent Upload Test	Upload 2–3 images quickly one after another	All should process without crash	All succeeded	Pass
PT-03	UI Stability Check	Refresh/Go back and test repeated uploads	UI should remain functional	UI stable throughout	Pass