Unit Testing Report

McDefect Solutions

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Overall Assessment of Tests

Total Tests Executed	6
Passed	6
Failed	0

Remark: *All Test Cases have successfully passed within reasonable processing time*

Detailed Test Results

Success Testing:

Details	Test Result	Time Taken (s)	Remarks
GET / request	PASS	0.005	-
POST /detect request	PASS	2.03	All parts correctly identified & defects detected
POST /classify requests	PASS	1.26	6 images, each belonging to 1 defect class, correctly identified

Failure Testing:

Details	Test Result	Time Taken (s)	Remarks
GET /random request	PASS	0.008	Returned 404 Not Found
POST /detect request with .txt file (invalid)	PASS	0.01	Returned 422 Unprocessable Entity
POST /classify request with .txt file (invalid)	PASS	0.01	Returned 422 Unprocessable Entity