

## User Acceptance Testing(UAT)

Date	31 January 2025
Team ID	LTVIP2026TMIDS74869
Project Name	Transfer Learning for Identifying Rotten Fruits and Vegetables
Maximum Marks	10 Marks
Environment	localhost:5000

### Test Cases

TC ID	Scenario	Steps	Expected	Actual	Pass/Fail
TC-01	Open Web Application	Open application URL in browser	Home page loads successfully	Home page loaded without errors	Pass
TC-02	Navigate to Predict Page	Click on "Predict" in navigation bar	Predict page loads successfully	Predict page opened correctly	Pass
TC-03	Submit Image for Prediction	Upload valid image (JPG/PNG) and click Predict	System displays Healthy/Rotten result with confidence score	Correct label and probability score displayed	Pass
TC-04	Invalid Image Upload	Upload unsupported file (PDF/TXT)	Validation error message shown	Error message displayed properly	Pass
TC-05	Empty Submission	Click Predict without selecting image	Warning message displayed	Warning displayed successfully	Pass
TC-06	Rotten Detection Alert	Upload known rotten image	Rotten prediction shown with high confidence	Rotten detected correctly	Pass
TC-07	Healthy Detection	Upload known healthy image	Healthy prediction shown with confidence score	Healthy classified correctly	Pass
TC-08	Response Time Check	Upload image and measure time	Prediction result shown in < 1 sec	Response time within limit	Pass