


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID15800
Project Name	Project –AI powered nutrition analysis
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot																																													
1.	Model Summary	Here we have built a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc. Here the user can capture the images of different fruits and then the image will be sent to the trained model.																																														
2.	Accuracy	Training Accuracy – 85% Validation Accuracy -80%	<p>Confusion Matrix</p> <table><thead><tr><th></th><th>precision</th><th>recall</th><th>f1-score</th><th>support</th></tr></thead><tbody><tr><td>0</td><td>1.00</td><td>1.00</td><td>1.00</td><td>157</td></tr><tr><td>1</td><td>1.00</td><td>1.00</td><td>1.00</td><td>287</td></tr><tr><td>2</td><td>1.00</td><td>1.00</td><td>1.00</td><td>160</td></tr><tr><td>3</td><td>1.00</td><td>1.00</td><td>1.00</td><td>204</td></tr><tr><td>4</td><td>1.00</td><td>1.00</td><td>1.00</td><td>157</td></tr><tr><td>accuracy</td><td></td><td></td><td>1.00</td><td>1055</td></tr><tr><td>macro avg</td><td>1.00</td><td>1.00</td><td>1.00</td><td>1055</td></tr><tr><td>weighted avg</td><td>1.00</td><td>1.00</td><td>1.00</td><td>1055</td></tr></tbody></table>		precision	recall	f1-score	support	0	1.00	1.00	1.00	157	1	1.00	1.00	1.00	287	2	1.00	1.00	1.00	160	3	1.00	1.00	1.00	204	4	1.00	1.00	1.00	157	accuracy			1.00	1055	macro avg	1.00	1.00	1.00	1055	weighted avg	1.00	1.00	1.00	1055
	precision	recall	f1-score	support																																												
0	1.00	1.00	1.00	157																																												
1	1.00	1.00	1.00	287																																												
2	1.00	1.00	1.00	160																																												
3	1.00	1.00	1.00	204																																												
4	1.00	1.00	1.00	157																																												
accuracy			1.00	1055																																												
macro avg	1.00	1.00	1.00	1055																																												
weighted avg	1.00	1.00	1.00	1055																																												