Project Development Phase
Model Performance Test

Date	20 November 2023
Team ID	592104
Project Name	Project - Safeguarding Agriculture: AI-Enabled Prognostication of Farm Insect Threats
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	**-YOLOv8n-cls summary (fused): 73 layers, 1454095 parameters, 0 gradients, 3.3 GFLOPs**	Ultralytics YOLOv8.0.215 🚀 Python-3.9.6 torch-2.1.1+cpu CPU (AMD Ryzen 5 4600H with Radeon Graphics) YOLOv8n-cls summary (fused): 73 layers, 1454095 parameters, 0 gradients, 3.3 GFLOPs
2.	Accuracy	Training Accuracy - 0.958 Validation Accuracy - 0.806	est: D:\VIT_Morning_Slot-main\farm_insects_ds\farm_insects_splitted\test... found 72 images in 15 classes classes top1_acc top5_acc: 100% 3/3 [00:02<00:00, 1.48it/s] all 0.806 0.958
3	Confidence Score (Only Yolo Projects)	Class Detected - 15 Confidence Score - 0.79	0.93149 0.83131 0.80742 0.79326