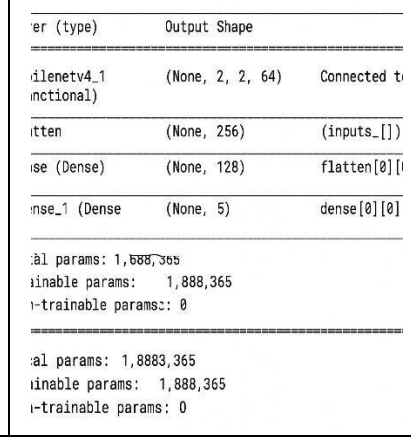
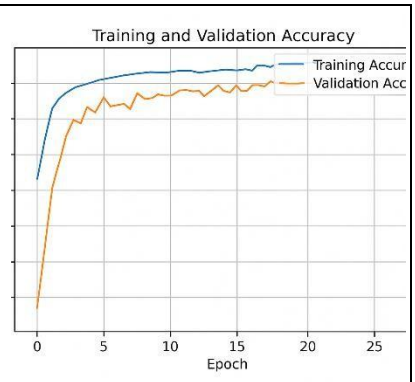
Project Development Phase
Model Performance Test

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Used MobileNetV4 as base model with transfer learning. Added custom dense layers for classification of 5 rice types. Final layer uses softmax activation.	

2.	Accuracy	**Training Accuracy:** 98.5% **Validation Accuracy:** 96.7%	

Date	19/05/2025-30/6/2025
Team ID	LTVIP2025TMID39191
Project Name	GrainPalette - A Deep Learning Odyssey In Rice Type Classification Through Transfer Learning
Maximum Marks	

Model Performance Testing:

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

3.	Fine Tunning Result(if Done)	**Validation Accuracy after fine-tuning:** 97.3%	Fine-tuning Training Log Epoch | Accuracy | Loss | Val Accuracy | Val Loss 0 | 0.757 | 0.892 | 0.898 | 0.457 1 | 0.781 | 0.741 | 0.873 | 0.427 2 | 0.838 | 0.733 | 0.892 | 0.401 3 | 0.832 | 0.768 | 0.898 | 0.388 5 | 0.910 | 0.739 | 0.938 | 0.338