

## Project Development Phase Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID41808
Project Name	Grainpalette - a deep learning odyssey in rice type classification through transfer learning
Maximum Marks	

### Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Transfer Learning using MobileNetV2 Input shape: (224, 224, 3) Trainable parameters: ~1.2M	
2.	Accuracy	Training Accuracy: 98.4% Validation Accuracy: 95.1%	
3.	Fine Tunning Result( if Done)	Validation Accuracy after Fine-Tuning: 96.3% Unfroze last few layers of base model and retrained	

