**Project Development Phase**

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| Date | 30/6/2025 |
| Team ID | LTVIP2025TMID44331 |
| Project Name | Grain Palette - A Deep Learning Odyssey In Rice Type  Classification Through Transfer Learning |
| Maximum Marks | 10 Marks |

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| **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% |  |

**Model Performance Test**

**Model Performance Testing:**

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

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| 3. | Fine Tunning Result( if Done) | **Validation Accuracy after fine-tuning:** 97.3% |  |