**Project Development Phase**

**Model Performance Test**

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| Date | 21 June 2025 |
| Team ID | LTVIP2025TMID35452 |
| Project Name | Smart Sorting: identifying rotten fruits and vegetables using transfer learning |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

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| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Model Summary | Transfer Learning with VGG16 Input Size: 224x224 Pre-trained on ImageNet Frozen base layers + Custom Dense Layers Optimizer: Adam Loss: Categorical Crossentropy |  |
|  | Accuracy | Training Accuracy - 97.5%  Validation Accuracy -94.3% |  |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy -95.8% |  |