**Project Development Phase**

**Performance Test**

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| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID35377 |
| Project Name | Smart Sorting Transfer Learning for Identifying Rotten Fruits and Vegetables |
| Maximum Marks |  |

**Model Performance Testing:**

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

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| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered | 2,000+ image records rendered with metadata (label: Fresh/Rotten, type: Fruit/Vegetable, etc.) |
|  | Data Preprocessing | Null values removed, categorical encoding (label encoding), resizing of images, format conversion done |
| 3. | Utilization of Filters | Slicers used: by Category (Fruit/Vegetable), Condition (Fresh/Rotten), Upload Date |
| 4. | Calculation fields Used | • CALCULATE() for filtered accuracy • IF() for pass/fail result columns |
| 5. | Dashboard design | No. of Visualizations / Graphs – **6** Includes pie charts, bar charts, accuracy over time line chart  Exploring the Changes in Nutritional Quality of Banana Fruits (Musa spp.) Using Ethephon as Ripening Agents |
| 6 | Story Design | No. of Visualizations / Graphs – **4** Includes detailed data table, filters, and KPI cards  Classification of Rotten Fruits ... |
|  |  | Real-time visual inspection system for grading fruits using computer vision  and deep learning techniques - ScienceDirect |