**Project Development Phase**

**Model Performance Test**

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| Date | 21 june 2025 |
| Team ID | LTVIP2025TMID60871 |
| Project Name | Transfer learning based classification of poultry diseases for enhanced health management |
| Maximum Marks |  |

**Model Performance Testing:**

Here's the **converted version of the Model Performance Testing template** tailored for a **Health Management** system:

### **Model Performance Testing: Health Management System**

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

| **S.No.** | **Parameter** | **Values** |  |
| --- | --- | --- | --- |
| 1. | **Model Summary** | Health management system for patient data handling using structured entities such as Patient Profiles, Medical Records, and Diagnostic Reports.   **Note**: While importing health records, if the data matches accurately, records will be created successfully. Otherwise, errors will be flagged for correction. |  |
| 2. | **Accuracy** | **Training Accuracy** – 98%  **Validation Accuracy** – 98% |  |
| 3. | **Confidence Score** (For YOLO-based disease detection models only) | **Class Detected** – e.g., “Avian Influenza” detected from lesion image. If the disease classification or area is incorrect, it flags for review.   **Confidence Score** – If the model is 92% sure the disease or affected area is correctly detected. |  |

Let me know if you want this in table format (Word/Excel) or want to add parameters like Precision, Recall, F1-score, or other evaluation metrics.