**Project Development Phase**

**Model Performance Test**

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID34533 |
| Project Name | Pollen Profiling |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **Classification Model:** Confusion Matrix - , Accuray Score- 0.9810 & Classification Report - |  |
|  | Tune the Model | Hyperparameter Tuning -  Validation Method - | Learning rate (1e-4), Dropout (0.3), Dense units (128), Epochs (15), Unfreeze last 50 layers.  Train-test split with stratified sampling (80:20). |