**Project Development Phase**

**Model Performance Test**

|  |  |
| --- | --- |
| Date | 28 June2025 |
| Team ID | LTVIP2025TMID46247 |
| Project Name | Classifying Fabric Patterns Using Deep Learning |
| 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 | Confusion Matrix - [Insert Confusion Matrix Image or Description Here], Accuracy Score - 92.5%, Classification Report - [Insert Classification Report Screenshot Here] |  |
|  | Tune the Model | Hyperparameter Tuning - Adam optimizer, dropout=0.2, epochs=15 Validation Method - 20% validation split using tf.image\_dataset\_from\_directory |  |