**Project Development Phase**

**Model Performance Test**

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| Date | 23 June 2025 |
| Team ID | LTVIP2025TMID38840 |
| Project Name | CleanTech: Transforming Waste Management with Transfer Learning |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

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

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| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **Classification Model: •** Final Training Accuracy: 82.0% • Final Validation Accuracy: 78.2% • Loss decreased consistently per epoch |  |
|  | Tune the Model | **VGG16 with Transfer Learning** • Tuned: learning rate, batch size, epochs • Validation done using train/test split (no cross-validation) |  |