**Project Development Phase**

**Model Performance Test**

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| Date | 24 JUNE 2025 |
| Team ID | LTVIP2025TMID39799 |
| Project Name | CleanTech: Transforming Waste Management with Transfer Learning |
| Maximum 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** |
|  | Model Summary | **Pre-trained CNN (e.g., ResNet50) + custom dense layers. Model trained on 12,000 blood cell images categorized into eosinophils, lymphocytes, monocytes, and neutrophils. Utilized data augmentation and dropout for generalization.** |  |
|  | Accuracy | Training Accuracy – 96.3%  Validation Accuracy -94.7% |  |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy -96.1% |  |