**Project Development Phase**

**Model Performance Test**

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| Date | 10 June 2025 |
| Team ID | LTVIP2025TMID41359 |
| Project Name | Hematovision: Advanced Blood Cell Classification |
| 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:** Accuray Score- 0.893 |  |
|  | Tune the Model | Hyperparameter Tuning - The notebook primarily focuses on training the added dense layers with a pre-trained MobileNetV2 model (frozen base layers). Adam optimizer was used with categorical crossentropy loss. The training ran for 15 epochs, with the best validation accuracy observed around epoch 11.<br>Validation Method - A validation split of 0.2 was used during image data generation (validation\_split=0.2). |  |