**Project Development Phase**

**Model Performance Test**

|  |  |
| --- | --- |
| Date | 10 February 2025 |
| Team ID | LTVIP2025TMID36078 |
| Project Name | GrainPalette - A Deep Learning Odyssey In Rice Type Classification Through Transfer Learning |
| Maximum Marks |  |

**Model Performance Testing:**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Model Summary | |  | | --- | |  |  |  | | --- | | MobileNetV2 base (frozen) + GlobalAvgPooling + Dense(128, relu) + Dense(5, softmax)  Total params: ~2.4M  Trainable params: ~165K | | C:\Users\mulla\AppData\Local\Packages\5319275A.WhatsAppDesktop_cv1g1gvanyjgm\TempState\394473AACA21886F5287312C64BDBD49\WhatsApp Image 2025-07-18 at 20.14.27_ca99ecb2.jpg |
|  | Accuracy | |  | | --- | |  |  |  | | --- | | Training Accuracy: **97.12%**  Validation Accuracy: **97.99%**  Overall accuracy: **98.05%**: **97.99%** | | C:\Users\mulla\AppData\Local\Packages\5319275A.WhatsAppDesktop_cv1g1gvanyjgm\TempState\4B9CDBCA9D45CBDF296414AAC1D7D964\WhatsApp Image 2025-07-18 at 20.14.25_d2354bbb.jpg |
| 3. | Fine Tunning Result( if Done) | Not Applicable | Not Applicable |