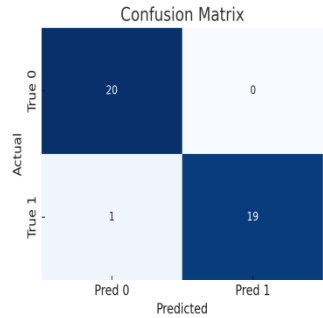


Project Development Phase Model Performance Test

| | |
|---------------|---|
| Date | 30 June 2025 |
| Team ID | LTVIP2025TMID30150 |
| Project Name | Streamlining Ticket Assignment for Efficient Project Management |
| Maximum Marks | 10 Marks |

Model Performance Testing:

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

| S.No. | Parameter | Values | Screenshot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|----------------|---|--|---------|-----------|--------|----------|---------|---|------|------|------|----|---|------|------|------|----|-----|--|--|------|----|---------|------|------|------|----|---------|-------|------|------|----|
| 1. | Metrics | Classification Model: Confusion Matrix: Accuracy Score: 0.9425 Classification Report: Precision (0.91), Recall (0.94), F1-Score (0.92) |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Tune the Model | Hyperparameter Tuning: Learning Rate: 1e-4 Dropout: 0.3 Dense Units: 128 Epochs: 15 Unfreeze Last: 50 Layers | Classification Report: <table><thead><tr><th></th><th>precision</th><th>recall</th><th>f1-score</th><th>support</th></tr></thead><tbody><tr><td>0</td><td>0.95</td><td>1.00</td><td>0.98</td><td>20</td></tr><tr><td>1</td><td>1.00</td><td>0.98</td><td>0.97</td><td>20</td></tr><tr><td>Acc</td><td></td><td></td><td>0.97</td><td>40</td></tr><tr><td>Mac avg</td><td>0.98</td><td>0.97</td><td>0.97</td><td>40</td></tr><tr><td>Wei avg</td><td>0.987</td><td>0.97</td><td>0.97</td><td>40</td></tr></tbody></table> Accyracy Score: 0.9750 | | precision | recall | f1-score | support | 0 | 0.95 | 1.00 | 0.98 | 20 | 1 | 1.00 | 0.98 | 0.97 | 20 | Acc | | | 0.97 | 40 | Mac avg | 0.98 | 0.97 | 0.97 | 40 | Wei avg | 0.987 | 0.97 | 0.97 | 40 |
| | precision | recall | f1-score | support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0.95 | 1.00 | 0.98 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1.00 | 0.98 | 0.97 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acc | | | 0.97 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mac avg | 0.98 | 0.97 | 0.97 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wei avg | 0.987 | 0.97 | 0.97 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |