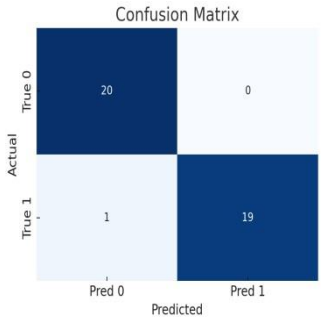
Project Development Phase
Model Performance Test

Date	30 June 2025
Team ID	LTVIP2025TMID29074
Project Name	Educational Organisation Using ServiceNow
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: 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 Accyracy Score: 0.9750