**Project Development Phase**

**Model Performance Test**

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| Date | 15 NOvember 2022 |
| Team ID | PNT2022TMID52685 |
| Project Name | Developing a Flight Delay Prediction Model Using Machine Learning |
| 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:**  Ensemble Model(Voting Classifier)-KNN(K-Nearest Neighbor,Decision Tree,GNB model) Confusion Matrix , Accuray Score- 93%  & Classification Report |  |
|  | Tune the Model | Hyperparameter Tuning – Grid SearchCV,Finding best estimators for each algorithm in ensemble model Validation Method –  Cross Validation |  |