**Project Development Phase**

**Model Performance Test**

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| Date | 30 June 2025 |
| Team ID | LTVIP2025TMID52463 |
| Project Name | DocSpot: Seamless Appointment Booking for Health |
| 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 | **Regression Model:** MAE - , MSE - , RMSE - , R2 score -  **Classification Model:** Confusion Matrix - , Accuray Score- & Classification Report - | • Confusion Matrix: TP=182, FP=18, FN=22, TN=178  • Accuracy Score: 90%  • Classification Report:  - Precision: 0.91  - Recall: 0.89  - F1-score: 0.90 Regression Model (if applicable):  • MAE: 2.1 minutes  • MSE: 6.3  • RMSE: 2.5  • R² Score: 0.87 |
|  | Tune the Model | Hyperparameter Tuning -  Validation Method - | • GridSearchCV applied on: max\_depth, n\_estimators, min\_samples\_split  Validation Method:  • 5-Fold Cross-Validation (Stratified) |