**Project Development Phase**

**Model Performance Test**

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| Date | 31 June 2025 |
| Team ID | LTVIP2025TMID52463 |
| Project Name | DocSpot: Seamless Appointment Booking for Health |
| Maximum Marks | 4 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** |
|  | Model Summary | ML Model: Random Forest Classifier (used for doctor recommendation)  Input: Symptoms, Location, Specialization  Output: Ranked doctor suggestions based on similarity and availability. | - |
|  | Accuracy | Training Accuracy - 92.5% Validation Accuracy - 89.3% |  |
| 3. | Fine Tunning Result( if Done) | Validation Accuracy - 91.1%  Hyperparameters tuned: max\_depth, n\_estimators, min\_samples\_split |  |