**Project Development Phase**

**Model Performance Test**

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| Date | 10 February 2025 |
| Team ID | LTVIP2025TMID55660 |
| Project Name | FlightFinder: Navigating Your Air Travel Options |
| Maximum Marks |  |

**Model Performance Testing:**

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

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| **S.No.** | **Parameter** | **Screenshot / Values / Description** |
| 1. 1 | **Data Rendered** | ✅ Flight details, user bookings, flight operator flights, booking lists, users list, pending operators (Data fetched from MongoDB Atlas using Mongoose queries and rendered on React frontend) |
| 1. 2 | **Data Preprocessing** | ✅ Data filtering based on user role (admin, operator, user), date formatting (ISO to Local), trimming user inputs, converting ObjectId to string for queries, etc. |
| 3 | **Utilization of Data Filters** | ✅ Search filters for "From", "To", and "Date" while searching flights ✅ Filters in backend: filtering bookings based on operator's flights, users who booked specific flights ✅ Role-based API filters (Admin sees all users, Operator sees only their users and flights) |
| 4 | **DAX Queries Used** | ❌ Not applicable (This is a MERN Stack web app, not Power BI. Instead, used MongoDB Queries and Mongoose filters for data retrieval and aggregation like find, populate, $in, etc.) |
| 5 | **Dashboard Design** | ✅ Total number of visual sections (pages/components) showing data = **6** - Admin Users List Page - Admin Bookings Page - Operator's Users Page - Operator's Bookings Page - Operator's Flights List Page - User My Bookings Page |
| 6 | **Report Design** | ✅ Number of visualization pages = **6** (Same as above) Each page designed using React Components, displaying MongoDB fetched data using Axios API calls. Rendered in tabular or card layout. |