**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** | ✅ User Registrations, ✅ Flight Listings, ✅ Bookings, ✅ User-specific Bookings, ✅ Operator-specific Flights & Bookings, ✅ Pending Operator Approvals, ✅ Admin Full Booking List |
| 1. 2 | **Data Preprocessing** | - Passwords hashed using bcrypt during registration. - Date filtering on Flights (From/To/Date). - Search filters for departure and destination cities. - Filtering pending operators (by approval status). |
| 3 | **Utilization of Filters** | ✅ Flight Search by: **From**, **To**, **Date** ✅ Operator: See only **own flights**, **own bookings**, and **own users** ✅ Admin: Filter **Pending Operators** |
| 4 | **Calculation fields Used** | - Total available seats updated after every booking. - Remaining seats calculation. - Passenger count per booking. |
| 5 | **Dashboard design** | ✅ No of Visualizations/Graphs: **5 key UI Sections:** - User Flight List - Operator Flight Dashboard - Operator Bookings View - Admin Bookings Dashboard - User My Bookings |
| 6 | **Story Design** | ✅ No of Visualizations/Graphs: **4 Core User Flows (Storylines):** - **User Story:** Register → Login → Search → Book → View Bookings → Cancel Booking - **Flight Operator Story:** Login → Add Flights → View Own Flights → View Own Bookings → View Users who booked their flights - **Admin Story:** Login → Approve Operators → Manage Flights → View All Users → View All Bookings - **Booking Story:** User Books → Operator sees → Admin views global booking data |