



AIRCRAFT RENTAL AND PURCHASE MANAGEMENT SYSTEM

The best aircraft experience

Abstract



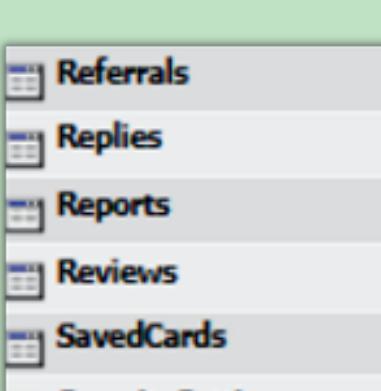
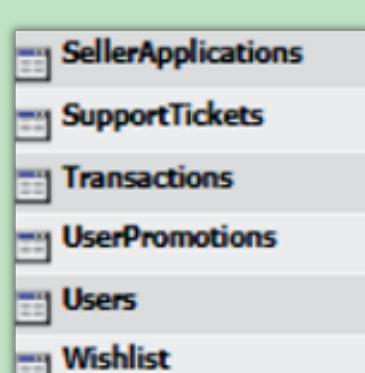
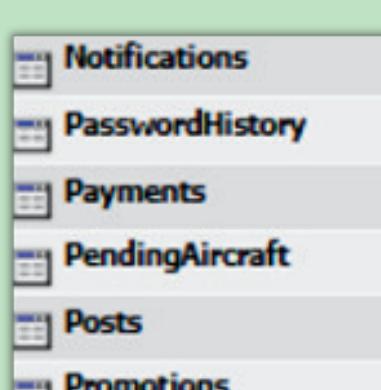
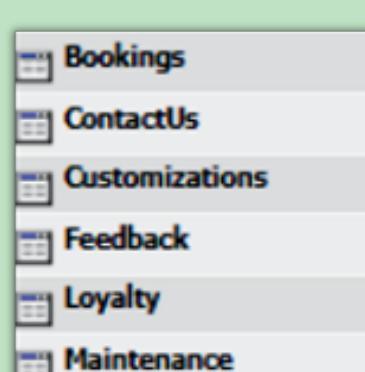
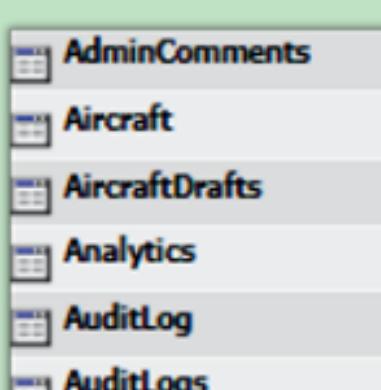
Our Aircraft Rental and Purchase Management System simplifies renting, buying, and selling aircraft. It connects customers, sellers, and admins on one secure, easy-to-use platform, ensuring efficient management and a smooth experience for everyone involved.

Database



Host securely on **SmarterASP.NET**, our database manages:

- Users and Aircraft Listings
- Bookings and Payments
- Maintenance Records

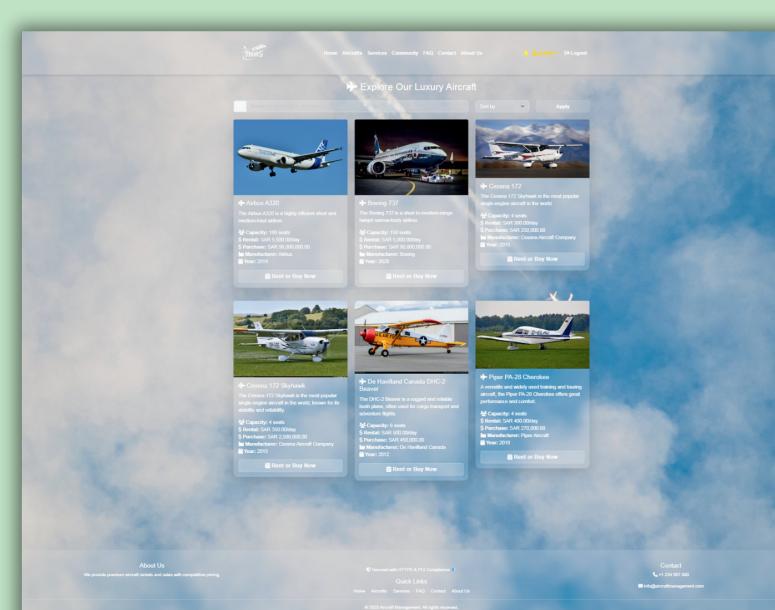


Results

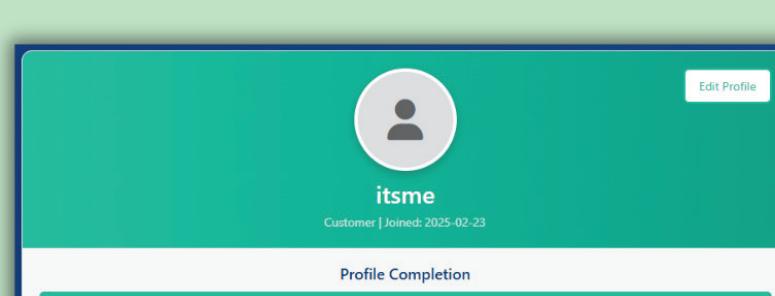
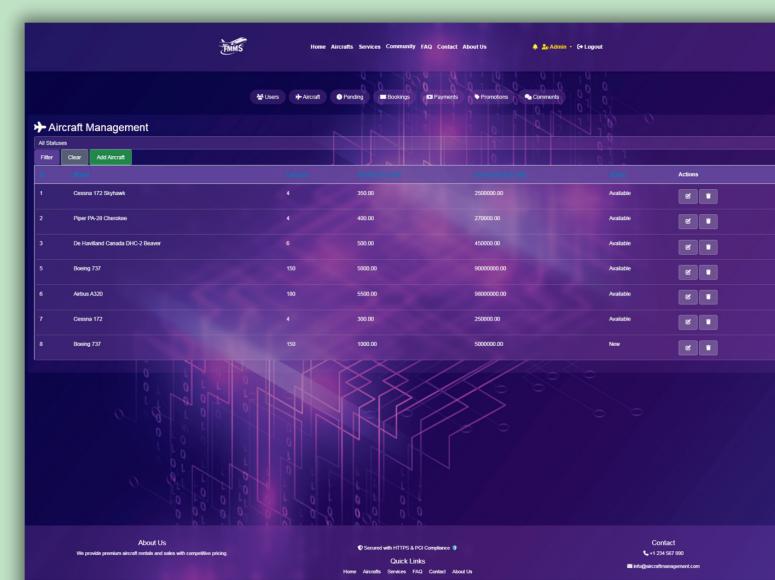


- **Customers** can easily browse, reserve, and securely pay for aircraft rentals or purchases online.
- **Sellers** effectively manage their aircraft listings, bookings, and transaction records.
- **Admins** use a centralized dashboard to oversee and manage users, bookings, and aircraft listings.
- A dedicated **Companies** Section allows businesses to handle multiple reservations effortlessly.

The system saves time, reduces errors, improves user satisfaction and operational efficiency.



Booking ID	Aircraft Model	Start Date	End Date	Type	Total Amount	Status	Action
48	Boeing 737	04/11/2025	04/15/2025	Rent	\$9,431.00	Pending	<button>Cancel</button>
45	Airbus A320	04/09/2025	04/15/2025	Rent	\$9,931.00	Pending	<button>Cancel</button>
46	Boeing 737	04/05/2025	04/15/2025	Rent	\$9,431.00	Pending	<button>Cancel</button>



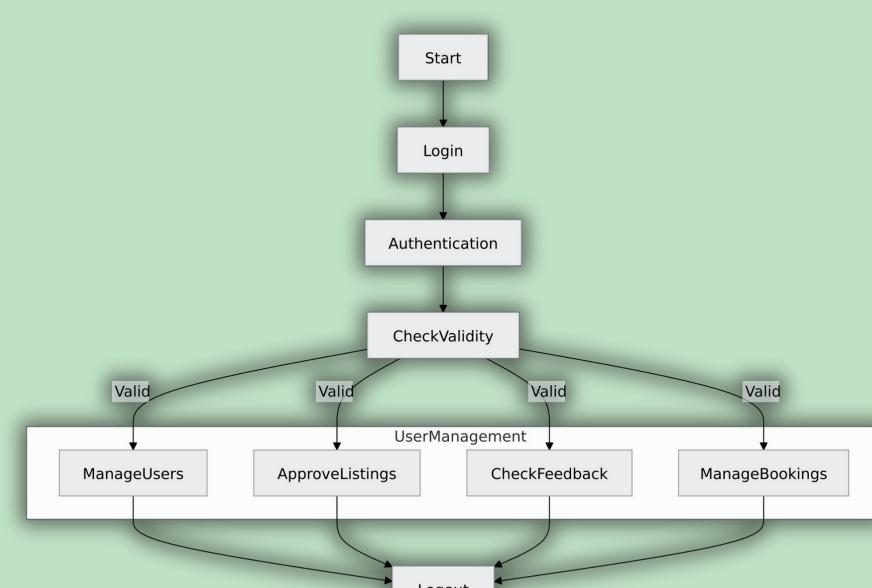
Methodology



- Visual Studio 2022
- ASP.NET Web Forms
- C# programming language
- JavaScript
- HTML & CSS
- PayPal & Credit Card Payment

Diagram

Customer Side



Admin Side

