**SKYHIGH AIRLINES – DATABASE STRUCTURE**

(Capgemini - .Net Training)

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**🧾 Database Structure Design – SkyHigh Airlines**

* This section represents the database structure of the SkyHigh Airlines Reservation System, which is used to manage users, flights, bookings, passengers, seats, and payments.
* Each table stores specific information that contributes to the functioning of the airline reservation process.

**1. Table Name: Users**

Description:

This table stores user information, including login credentials, contact details, and user roles. It is used to authenticate and identify users in the system.

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**2. Table Name: Flights**

Description:

This table contains details about all available flights, such as flight number, source, destination, date, time, and available seats. It forms the core of the reservation process.

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**3. Table Name: Passengers**

Description:

This table stores passenger details linked to user bookings. It includes information such as passenger name, age, gender, and contact details.

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**4. Table Name: Bookings**

Description:

This table maintains all ticket booking information. It records which user booked which flight, along with booking date, PNR number, total cost, and status (confirmed/cancelled).

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**5. Table Name: Seats**

Description:

This table stores seat availability and assignment details for each flight. It helps track which seats are booked and which remain open.

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**6. Table Name: Payments**

Description:

This table handles payment-related data such as payment method, amount, date, and booking reference. It ensures secure and traceable transactions for all bookings.

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**7. Table Name: ContactMessages**

Description:

This table stores user-submitted contact or feedback messages sent through the website. It helps the admin review and respond to user inquiries.

