

Fire Squirrel Airlines - Flight Booking System

BUILT WITH HTML

Introduction

- Fire Squirrel Airlines Booking Website
- Built with HTML, TailwindCSS, and JavaScript
- Modern UI with gradient and glass effects

HTML Structure

- DOCTYPE, HTML, HEAD, BODY tags
- Meta tags for responsive design
- Custom styling with Google Fonts

TailwindCSS

- Utility-first CSS framework
- CDN used for simplicity
- Responsive, modern, and fast styling

Custom Styles

- `.gradient-bg` → Gradient backgrounds
- `.glass-effect` → Blurred background effect
- Inter font applied globally

Header Section

- Logo and Title
- Navigation menu (Home, Flights, Deals, Contact)
- Responsive with Tailwind flex utilities

Hero Section

- Large headline: Fly Fast, Fly Smart
- Subtext: Discover amazing destinations
- Gradient background with centered text

Booking Form

- Core feature of the website
- Contained inside a styled card
- Includes inputs for trip details

Trip Type Selection

- Round Trip or One Way
- Radio buttons with Tailwind styling
- JavaScript handles visibility of Return Date

Destination Inputs

- 'From' and 'To' dropdowns
- Predefined city options (NYC, LAX, CHI, etc.)
- Validation ensures different cities

Date Selection

- Departure Date and Return Date inputs
- Min attribute ensures valid dates
- JS updates Return Date based on Departure Date

Passenger Selection

- Dropdowns for Adults and Children
- Options: 1-4 Adults, 0-3 Children
- Dropdown for Travel Class (Economy, Business, First)

Search Button

- Orange gradient button
- Hover and scale animations
- Triggers flight search results

Flight Results Section

- Initially hidden
- Revealed when form is submitted
- Dynamically populated with sample flights

Sample Flight Data

- Defined in JavaScript array
- Attributes: Airline, Departure, Arrival, Duration, Price, Stops
- Used for demo flight results




Flight Result Cards

- Created dynamically using JavaScript
- Show times, duration, airline, stops
- Price and 'Select Flight' button

Flight Selection

- Select Flight button triggers alert
- Displays flight details and passengers
- Simulates redirect to payment

Why Choose Us Section

- Three features presented in cards
-  Lightning Fast – quick bookings
-  Best Prices – competitive rates
-  Safe & Reliable – trusted airline

Footer Section

- 4 columns: Logo, Quick Links, Support, Contact
- Contact info: Phone and Email
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JavaScript Features

- Sets minimum date to today
- Handles trip type toggle
- Validates form before showing results

Dynamic Flight Rendering

- Generates HTML for flights
- Appends to results section
- Smooth scroll into view

Validation Logic

- Ensures departure and destination are different
- Prevents empty required fields
- Ensures return date after departure date

UI/UX Design

- Modern gradient theme
- Rounded corners and shadows
- Responsive design with Tailwind grid/flex

Code Organization

- HTML structure well-organized
- Tailwind handles styling
- JavaScript at bottom for interactivity

Possible Improvements

- Integrate real API for flights
- Add authentication and booking history
- Payment gateway integration

Conclusion

- Fully functional demo airline booking website
- Modern, responsive, user-friendly design
- Demonstrates HTML, Tailwind, and JS skills