

Title: Flight Booking Search Interface

Purpose: Provide a user-friendly interface for users to search for domestic and international flights with options for one-way, round-trip, and multi-city travel. Users can specify travel details, interact with a date-picker and travelers/modal selection, and benefit from special fare categories.

Design Requirements

1. Header Section

- Background Color: Orange (#FF6C37).
- Text: "Domestic and International Flights" displayed at the center.
- Font Style: Bold, clean sans serif (e.g., font similar to Inter or Roboto).
- Font Size: Large and legible for visibility.

2. Travel Options

- Display travel options:
 - "One-way" (selected by default).
 - "Round-trip."
 - "Multi-city."
- Styled as radio buttons (rounded selection indicators).
- Use clear labeling, blue for the selected state, and gray for unselected states.

3. Travel Details Area

- **From & To Input Fields:**
 - Label: "From" and "To."
 - Placeholder Text: "Enter city or airport."
 - Swap Icon:
 - Insert a bidirectional arrow icon between the "From" and "To" fields.
 - Icon responds to click to swap values.
 - Styling: Circular container with subtle hover/active effects for clarity.
- **Departure Field:**
 - Label: "Departure."
 - Placeholder Date Format: "DD MMM'YY."
 - Shows selected date on the button with day and abbreviation (e.g., "24 Jan'25 - Friday").
 - Upon clicking/interaction:
 - A calendar dropdown appears below the field.
 - Calendar shows two consecutive months.
 - Selected date is highlighted in blue, with a hover state showing a subtle shade.
- **Return Field:**
 - Label: "Return."
 - Placeholder Text: "Click to add a return flight for better discounts."
 - Disabled when "One-way" is selected.

- Enabled for "Round-trip" or "Multi-city" selections and integrated with the same date-picker element for user selection.

- **Travelers & Class Dropdown:**

- Label: "Travelers & Class."
- Placeholder Defaults: "1 Adult - Economy."
- Pop-up Modal upon interaction providing:
 - Options to increment (+) or decrement (-) counts for:
 - Adults (Age 12+).
 - Children (Age 2-12).
 - Infants (< 2 years).
 - Predefined buttons for Travel Class: "Economy" (default), "Premium Economy," "Business," and "First Class."
 - Buttons:
 - "Cancel" to discard changes.
 - "Done" to confirm changes and update the placeholder display.

- **Multi-city Option:**

- Adds additional sets of "From," "To," and "Departure" fields for each leg of the journey.
- A "Add Another Flight" button allows users to include multiple legs (displayed below current fields).

4. Special Fares Section

- Section Label:
 - Left-aligned text: "More Benefits."
 - Adjacent badge with text "Special Fares" styled in purple with white text.
- Benefits display as small cards, each with:
 - Icon (e.g., "Student" with a graduation cap, "Doctors & Nurses" with a stethoscope icon, etc.).
 - Two-lined content:
 - Title (e.g., "Student," "Senior Citizen").
 - Description (e.g., "Extra Baggage," "Exclusive Discounts").
 - Toggle checkboxes displayed at the top-right of each card.
- Style:
 - Subtle shadow and borders for cards.
 - On selection, card background highlights (slight color) to indicate the active state.

5. Search Flights Button

- Style:
 - Background Color: Bright Orange (#FF6C37).
 - Full-width button with centered text "SEARCH FLIGHTS."
 - Rounded edges and slight hover effect (darken orange shade slightly).
 - Text: Bold, all caps, white color.

Behavioral Requirements

1. Interaction and Dynamic Elements

- **Calendar Date Picker:**
 - Clicking on the "Departure" or "Return" fields opens the dropdown calendar.
 - Default view shows the current month and the next month side-by-side.
 - Arrow navigation to switch between months.
 - Highlight selected dates in blue.
 - Clicking outside dismisses the calendar.
- **Travelers & Class Modal:**
 - Opens as a pop-up modal when the respective field is selected.
 - Updates values in real time.
 - Clicking "Done" saves selections and closes the modal.
 - Clicking "Cancel" discards changes.
 - Integrated with the total count display in the "Travelers & Class" field.
- **Multi-city Interaction:**
 - Adds additional flight entry rows for each new leg upon clicking "Add Another Flight."
 - Allows input for "From," "To," and "Departure" per leg.
 - Fields dynamically adjust and maintain spacing.
- **Form Submission:**
 - Clicking "Search Flights" validates the form and redirects to the next page (search results or error feedback).
 - Required fields (From, To, Departure) validated:
 - Highlight errors with red borders and error messaging.

2. Visual State Management:

- Selected state for radio options, buttons, and cards uses a prominent color (blue) for clear visual feedback.
- Hover/Active effects for interactive elements like fields, buttons, and icons enhance usability.

Responsive Design Requirements

- Layout adjusts gracefully for all screen sizes:
 - **Mobile:**
 - Fields stack vertically for single-column layout.
 - "Search Flights" button becomes sticky at the bottom of the viewport.
 - **Tablet:**
 - Two-column layout.
 - **Desktop:**
 - Original design with fields side-by-side.

Dependency Management

- Use of React.js or equivalent modern front-end framework.
- For interactivity:
 - Calendar Pop-up: Date-picker plugin or built-in component (e.g., React-DatePicker or vanilla JS).
 - Icon Library: FontAwesome, Lucide, or custom SVGs.
- CSS Framework: Tailwind CSS, Bootstrap, or custom styles.
- Cross-browser compatibility (Chrome, Edge, Firefox, Safari).

Performance & Accessibility

- Adhere to WAI-ARIA standards for accessibility.
 - Optimize for performance to reduce load times.
 - Test on major screen readers and ensure keyboard navigability.
-