

ANGULAR PROJECT

JET WAY

A MODERN AND USER-FRIENDLY FLIGHT BOOKING SYSTEM

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INTRODUCTION

- The Angular Flight Booking App is a web application designed to simplify the flight booking process.
- It allows users to search for flights, filter results, and book tickets seamlessly.
- The project utilizes Angular for a dynamic and responsive user interface.
- The application is built with a focus on user experience, incorporating intuitive navigation and smooth interactions.
- It includes essential features like flight search, booking, support, and authentication.

COMPONENTS:

- AppComponent : Root component managing the application layout.
- HomeComponent : Displays the homepage with featured flights and navigation.
- FlightsComponent : Handles flight search, filtering, and display.
- BookingComponent : Manages the flight booking form and validation.
- EnquiryComponent : Displays the enquiry form for user queries.
- SupportComponent : Provides FAQs and contact support information.
- LoginComponent : Handles user authentication.

SERVICES & GUARDS

- FlightService : Manages flight data retrieval from the JSON API.
- BookingService : Handles booking-related operations and data storage.
- AuthService : Manages user authentication and session handling.
- AuthGuard : Prevents unauthorized access to flight booking pages, ensuring only logged-in users can book flights.

PIPES

- FlightFilterPipe : Filters flights based on user-selected criteria such as price, destination, and date.
- FlightTimePipe : Converts flight duration into a more readable format.
- CapitalizePipe : Capitalizes the first letter of each word for better readability.

HOMEPAGE

App url : <https://angular-flight-booking.vercel.app>

JET WAY

HOME

FLIGHTS

MANAGE TRIPS

SUPPORT

Login

Explore the World with Jet Way

Find the best flights to your favorite destinations

Browse Flights

Limited Time Offer


Earn 70,000 bonus points.

Earn 70,000 bonus TrueBlue points after qualifying account activity.

Apply now

BEST. OFFER. EVER.

with the JetBlue Plus Card[®]



Earn up to 100,000 Bonus Points

Earn 50,000 bonus points after spending \$1,000 on purchases and paying the annual fee in full, both within the first 90 days. Earn an additional 50,000 bonus points after spending a total of \$6,000 on purchases within the first 12 months.^{*}

Apply now \$99 ANNUAL FEE¹


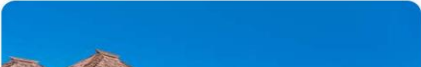
Looking for a card with no annual fee? Check out the JetBlue Card.
Looking for a card for your business needs? Check out the JetBlue Business Card.

6X POINTS ON ELIGIBLE JETBLUE PURCHASES²

2X POINTS AT RESTAURANTS AND GROCERY STORES³

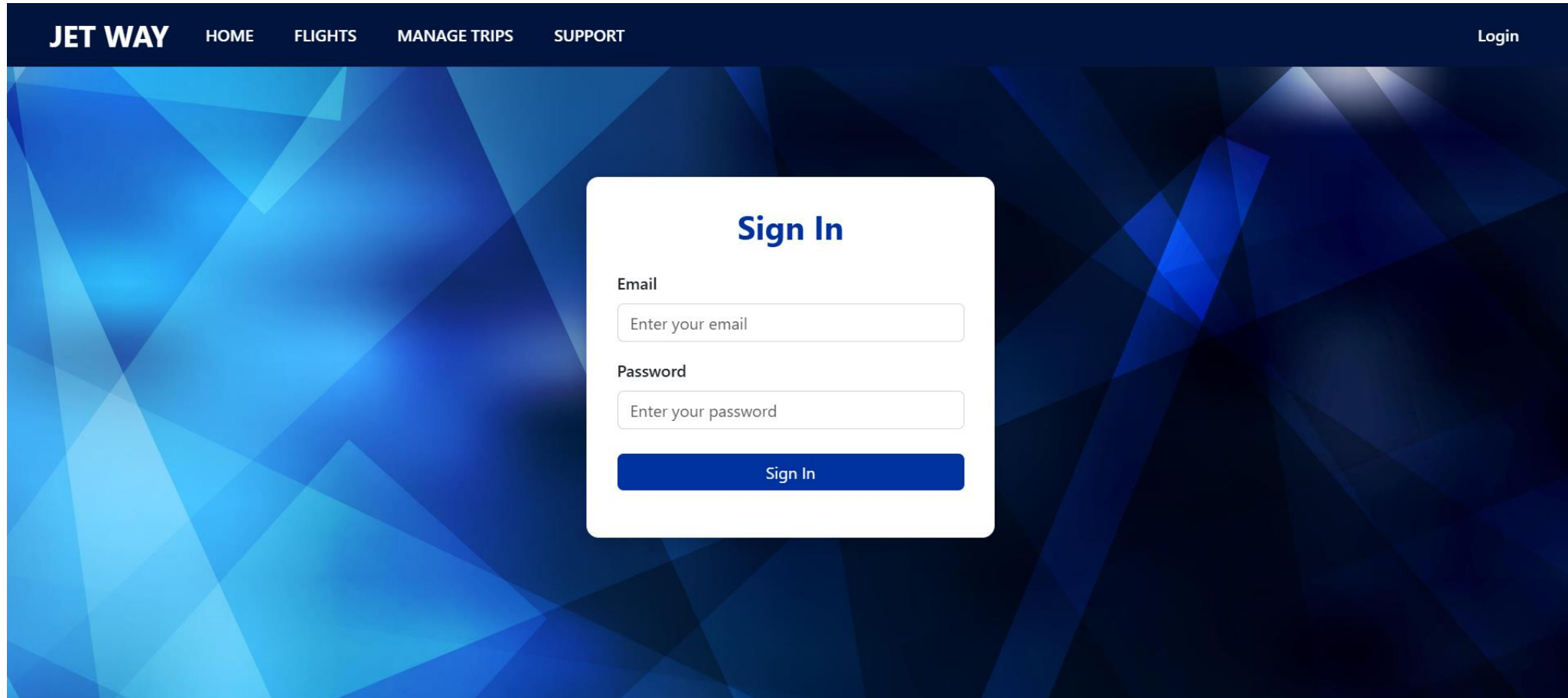
1X POINTS ON ALL OTHER PURCHASES⁴

FREE HOTEL CHECK-IN BAK⁵



LOGIN PAGE

The login page uses guard to allow user to book the flights only if they signed in.

The image shows a web application's login page. At the top, a dark blue navigation bar contains the 'JET WAY' logo on the left and links for 'HOME', 'FLIGHTS', 'MANAGE TRIPS', and 'SUPPORT' in the center. A 'Login' link is positioned on the right side of the navigation bar. The main background of the page features a complex, abstract geometric pattern in various shades of blue. Centered on this background is a white, rounded rectangular form. Inside this form, the text 'Sign In' is displayed in a bold, dark blue font. Below this title are two input fields: the first is labeled 'Email' and contains the placeholder text 'Enter your email'; the second is labeled 'Password' and contains the placeholder text 'Enter your password'. At the bottom of the form is a solid dark blue button with the text 'Sign In' in white.

FLIGHT BOOKING PAGE

JET WAY

HOME

FLIGHTS

MANAGE TRIPS

SUPPORT

Logout

Time: All Times

Origin: Origin

Destination: Destination

Price: ₹10000

Air India

From: Delhi - To: Mumbai

Date: 2025-03-23 | Time: 10:00 AM | Price: ₹4500

Book Now

Indigo

From: Bangalore - To: Chennai

Date: 2025-03-23 | Time: 1:00 PM | Price: ₹3500

Book Now

Spicejet

From: Kolkata - To: Delhi

Date: 2025-03-23 | Time: 11:30 AM | Price: ₹4000

PIPES FUNCTIONS

Filtering flights done by using their names and price.

JET WAY [HOME](#) [FLIGHTS](#) [MANAGE TRIPS](#) [SUPPORT](#) [Logout](#)

Time:

All Times

Origin:

CHENNAI

↔

Destination:

bangalore

Price: ₹4300

Airasia
From: Chennai - To: Bangalore
Date: 2025-03-23 | Time: 12:30 PM | Price: ₹3400

Book Now

Vistara
From: Chennai - To: Bangalore
Date: 2025-03-23 | Time: 10:15 AM | Price: ₹3500

Book Now

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PIPES FUNCTIONS

Filtering done by time

Time: Evening

Origin: Origin

Destination: Destination

Price: ₹4300

Alliance Air

From: Bangalore - To: Pune

Date: 2025-03-23 | Time: 6:45 PM | Price: ₹3900

Book Now

Trujet

From: Hyderabad - To: Chennai

Date: 2025-03-23 | Time: 8:00 PM | Price: ₹3500

Book Now

BOOKING PAGE

Once you click the book now button in flights page it will navigate to booking page only if you signed in .

JET WAY[HOME](#)[FLIGHTS](#)[MANAGE TRIPS](#)[SUPPORT](#)[Logout](#)

Booking Form

Airline : Alliance Air

From : Bangalore

To : Pune

Date : 2025-03-23

Time : 6:45 PM

Price : ₹3900

Name:

Enter your name

Email:

Enter your email

Confirm Booking

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MANAGE TRIPS PAGE

Once you done the booking , the booked flight details will be shown on manage trips which will allow you to cancel the booking also.

JET WAY

HOME

FLIGHTS

MANAGE TRIPS

SUPPORT

Logout

Manage Trips

Flight Details

Airline: Alliance Air

From: Bangalore | To: Pune

Date: 2025-03-23 | Time: 6:45 PM

Price: ₹3900

User Details

Name: Prawinraj

Email: rajprawin307@gmail.com

Cancel Booking

About Us

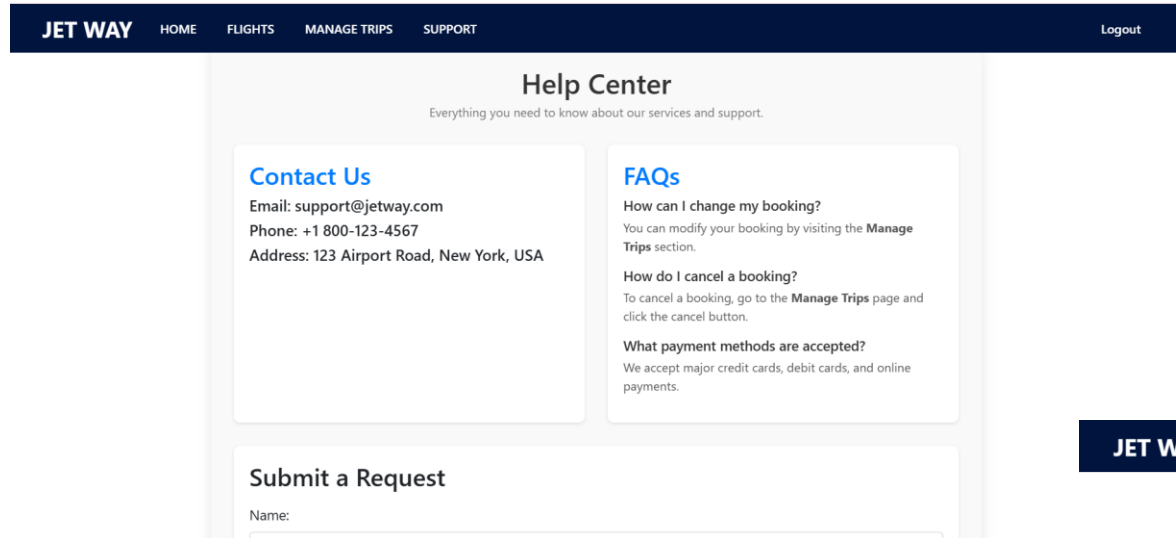
Contact

Privacy Policy

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CONTACT US PAGE



JET WAY HOME FLIGHTS MANAGE TRIPS SUPPORT Logout

Help Center

Everything you need to know about our services and support.

Contact Us

Email: support@jetway.com
Phone: +1 800-123-4567
Address: 123 Airport Road, New York, USA

FAQs

How can I change my booking?
You can modify your booking by visiting the **Manage Trips** section.

How do I cancel a booking?
To cancel a booking, go to the **Manage Trips** page and click the cancel button.

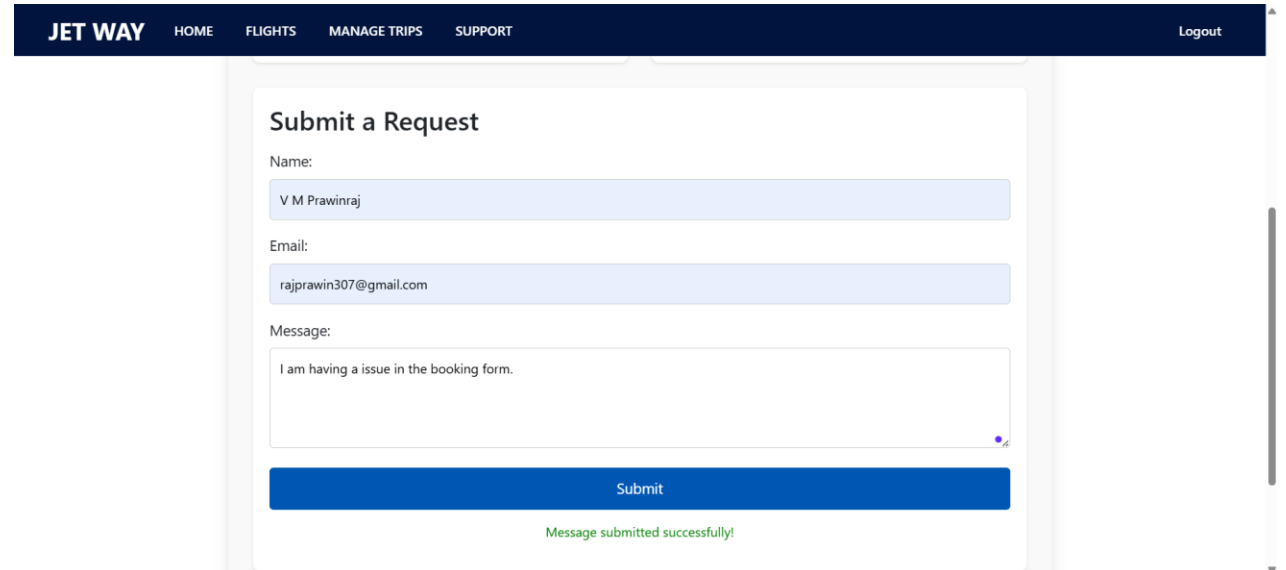
What payment methods are accepted?
We accept major credit cards, debit cards, and online payments.

Submit a Request

Name:

In support page there will be contact details of the webpage and FAQs.

In support page there will be a request form which allows users to submit their queries .



JET WAY HOME FLIGHTS MANAGE TRIPS SUPPORT Logout

Submit a Request

Name:

Email:

Message:

Message submitted successfully!

THANK YOU