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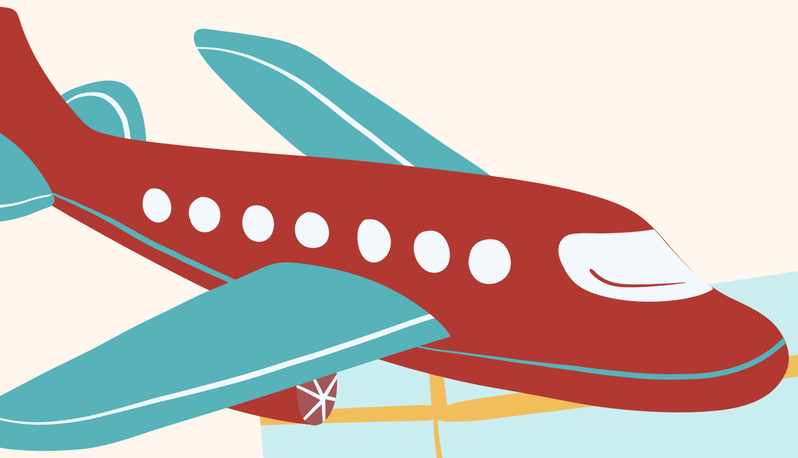


FLIGHT CHEAP

CHEAPEST FLIGHT FARE FINDER

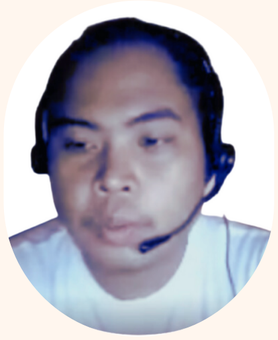
Presented by: Team B

codev

OUR TEAM

Starsky

Cary



Paul

Franceley

Rocky

Ezekiel

Romart

Cedrick

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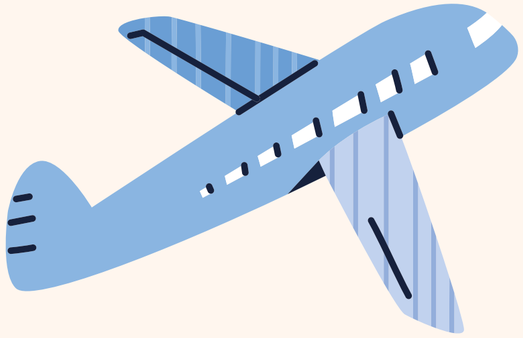
INTRODUCTION

Welcome to our Flight Cheap System. As we all know, air travel can be expensive and finding the best deals can be a daunting task. However, with the help of our system, we aim to make this process easier for you.



Our system is designed to provide you with an efficient and effective way to search for cheaper flights. Whether you're looking for a last-minute deal or planning ahead for your next vacation, our system can help you save money and time. We're confident that you'll find the perfect flight at a price that fits your budget.

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OBJECTIVES

- Offer a wide range of destinations
- Reduce acquisition costs
- Provide real-time updates
- Ensure transparency
- Provide excellent customer support

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SCOPE AND LIMITATIONS

Functionality	Scope	Limitation
Cheaper Prices	✓	
Payment		✓
Flight Search (No Return & Multi-City)	✓	
Booking Integration	✓	
Additional Fees and Charges		✓

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Functionality	Scope	Limitation
Domestic and International Flights	✓	
Baggage Restrictions		✓
Limited Seat Selection		✓
Fare Alerts/Notifications	✓	
Dynamic Pricing		✓
Mobile App	✓	

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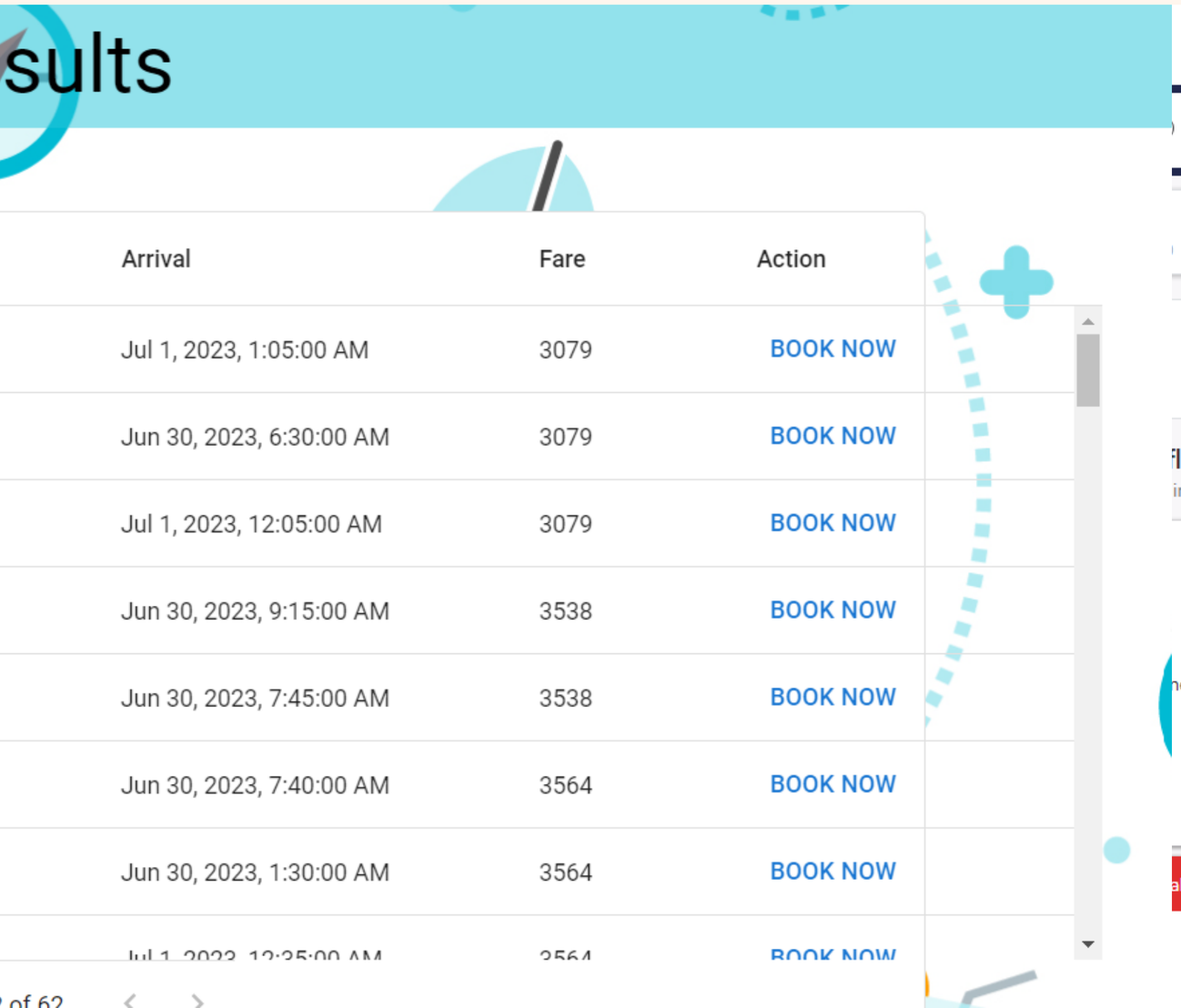
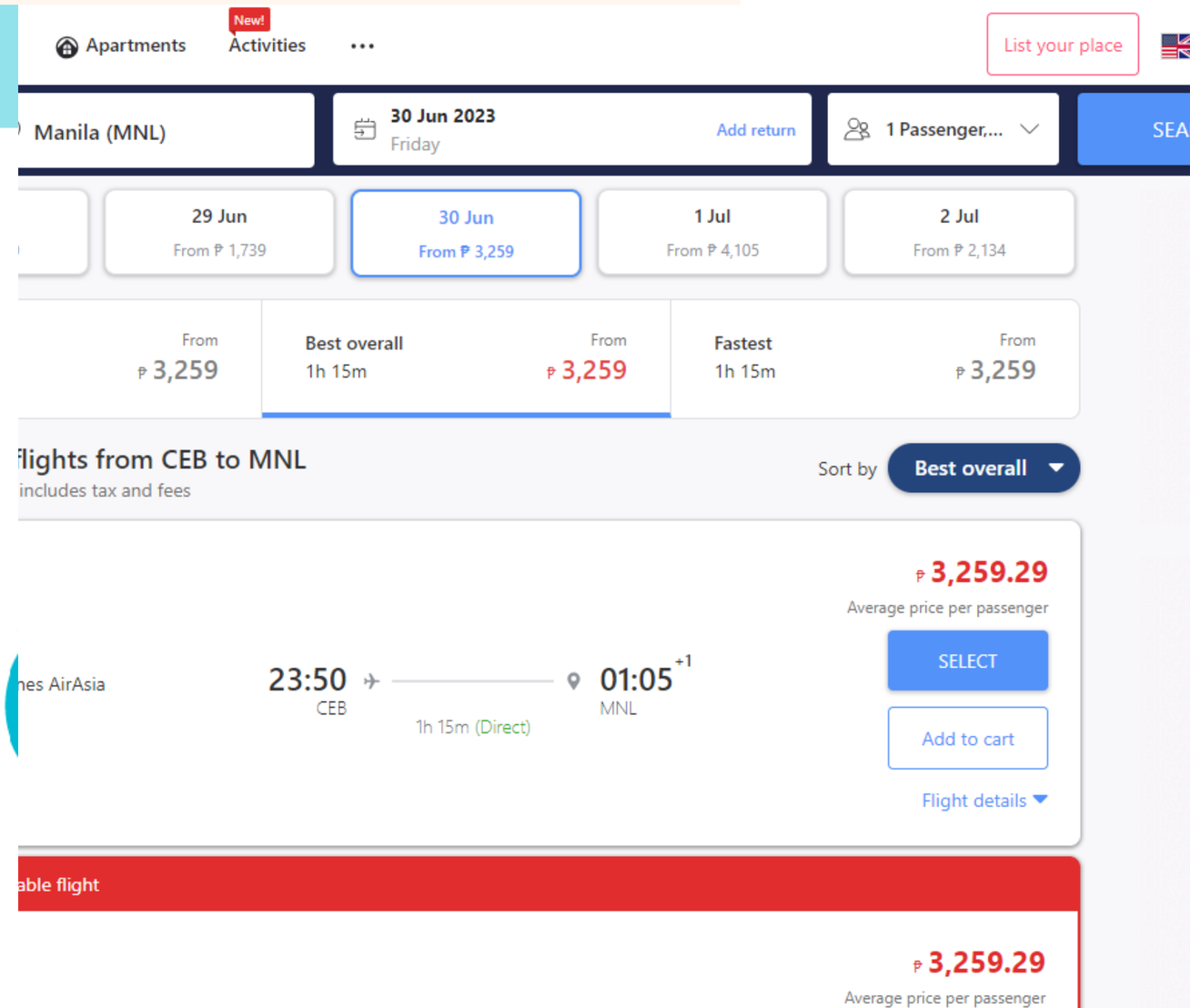

sults
Arrival
Fare
Action
Jul 1, 2023, 1:05:00 AM
3079
BOOK NOW
Jun 30, 2023, 6:30:00 AM
3079
BOOK NOW
Jul 1, 2023, 12:05:00 AM
3079
BOOK NOW
Jun 30, 2023, 9:15:00 AM
3538
BOOK NOW
Jun 30, 2023, 7:45:00 AM
3538
BOOK NOW
Jun 30, 2023, 7:40:00 AM
3564
BOOK NOW
Jun 30, 2023, 1:30:00 AM
3564
BOOK NOW
of 62


Apartments
New!
Activities
List your place
Manila (MNL)
30 Jun 2023
Friday
Add return
1 Passenger,...
29 Jun
From ₱ 1,739
30 Jun
From ₱ 3,259
1 Jul
From ₱ 4,105
2 Jul
From ₱ 2,134
From
₱ 3,259
Best overall
1h 15m
From
₱ 3,259
Fastest
1h 15m
From
₱ 3,259
lights from CEB to MNL
includes tax and fees
Sort by
Best overall
₱ 3,259.29
Average price per passenger
SELECT
Add to cart
Flight details
nes AirAsia
23:50
CEB
01:05 +1
MNL
1h 15m (Direct)
able flight
₱ 3,259.29
Average price per passenger

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EMAIL & SMS ALERT

✈️ Cheapest Flight Subscription: Activated ✈️ Inbox ×

franceleyp@codev.com via sendgrid.net
to me

Dear Franceley,

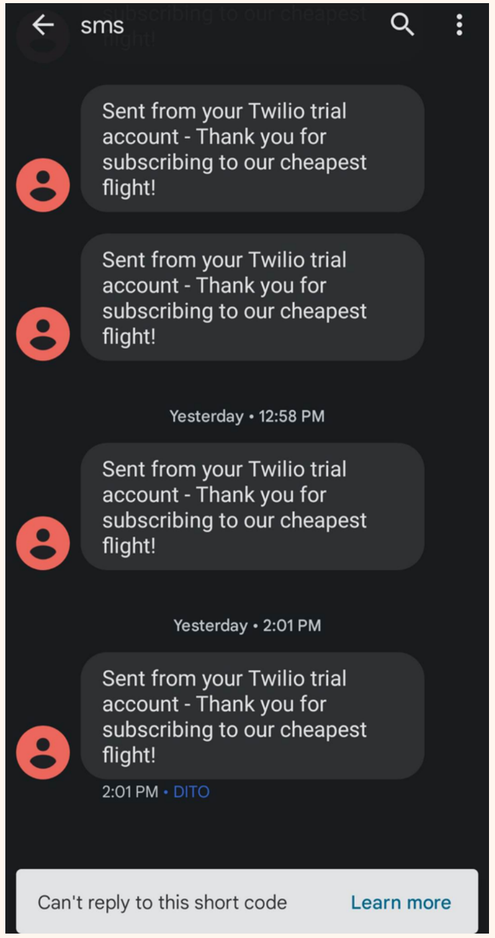
We are thrilled to welcome you to our platform! 🎉

By subscribing to our service, you can expect to receive the cheapest flight offers available. ✈️

We are dedicated to providing you with the best deals and helping you save money on your travels.

Thank you for choosing us and we look forward to serving you.

Best regards,
FlightCheap
Cheapest flight fare finder



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TECH STACK

Git Repository: GitHub
Dev Environment: Kubernetes
Booking Integration: KIWI
Backend: Python
Frontend: Next JS
Database: Mongo DB
Notifications: Twilio and Sendgrid
Live Environment: Digital Ocean (Backend), Vercel (Frontend)
Mobile: React Native
Project Management: Trello

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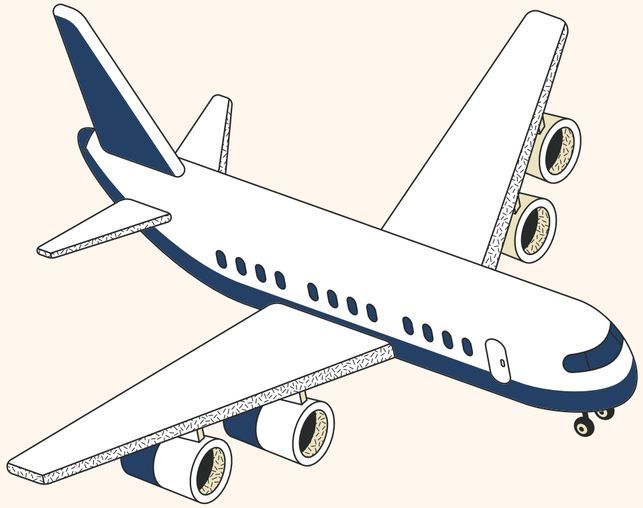
SUMMARY OF COST

- Twilio - $0.17 per text
- Sendgrid - $0
- Vercel - $0
- Mongo DB - $0



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TWILIO

Phone number type	SMS Outbound*	SMS Inbound*	MMS Outbound*	MMS Inbound*
Long codes A 10-digit number for SMS and voice calls with localized identity.	$0.0079	$0.0079	$0.0200	$0.0100
Toll-free Business messaging phone number with a 3-digit prefix (Ex: 887) for high-throughput SMS and voice calls.	$0.0079	$0.0079	$0.0200	$0.0200
Short codes A short number (5-6 digits) designed for high-throughput two-way SMS messaging.	$0.0079	$0.0079	$0.0200	$0.0100

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SENDGRID

POPULAR

Free

Try it out! Integrate fast and explore features with 100 emails/day forever.

$0/mo

Start for free

- 1 teammate permission
- APIs, SMTP Relay
- 1 Event Webhook

Essentials

Empower your business with foundational email features.

Starts at $19.95/mo*

0 — 100,000+

0 emails/mo

Start for free

* Taxes and overages may apply.

- 1 teammate permission
- APIs, SMTP Relay
- 2 Event Webhooks

Pro

Take ownership of your sending to maximize your email delivery.

Starts at $89.95/mo*

0 — 1.5 million+

0 emails/mo

Start for free

* Taxes and overages may apply.

- 1,000 teammates permission
- APIs, SMTP Relay
- 5 Event Webhooks

Premier

Amplify your email program with extra support from our team.

Custom Pricing

Talk to an Expert

- 1,000 teammates permission
- APIs, SMTP Relay
- 5 Event Webhooks

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VERCEL

Most Popular

Hobby

$0

For personal or non-commercial projects.

- Deploy from CLI or personal git integrations
- Built-in CI/CD
- Automatic HTTPS/SSL
- Previews for every git push

Start deploying →

Pro

$20 per user / month

For team collaboration with advanced features.

- Up to 1TB of bandwidth
- Review your UI with team comments on Previews
- Unlimited function requests & 1000 GB-hours of execution
- Email support

Start a free trial →

Enterprise

Custom

For teams with more security, support, and performance needs.

- SSO/SAML Login
- Enhanced observability & logging
- Isolated build infrastructure, on better hardware, with no queues
- Dedicated success manager & SLAs

Contact Sales →

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MONGO DB

Hi Cary Epaphras,

Your M0 free tier cluster, Cluster0, has been idle since 2023/04/20.

MongoDB Atlas will automatically pause this cluster after 60 days of inactivity, at 12:17 PM EDT on 2023/06/19.

To prevent this cluster from being paused, initiate a connection to your cluster before 2023/06/19. View our documentation for instructions on how to connect to your cluster.

View Cluster

This message was sent from MongoDB, Inc. 1633 Broadway, 38th floor, NY, NY 10019

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FUTURE ENHANCEMENT

- Efficient parsing of airlines in the multicity search
- MongoDB implementation with user registration and comprehensive booking details
- Search form with a responsive design for optimal user experience
- Ability to set multiple locations in the multicity booking for flights
- Payment options for booking the system using debit and credit cards
- Defining specific price threshold to your search results when booking
- Loading animation while retrieving flight search results
- Loading animation during the login process

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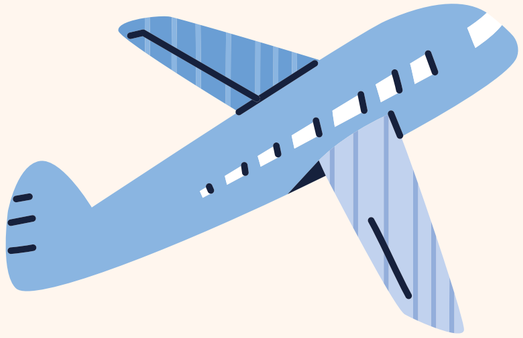
CONCLUSION

Our system can provide numerous benefits to both customers and the travel industry as a whole. By offering a user-friendly and reliable platform to find and book affordable flights.

Overall, a cheaper flight deals system can provide a win-win situation for both customers and the travel industry, promoting affordability, accessibility, and convenience for all.



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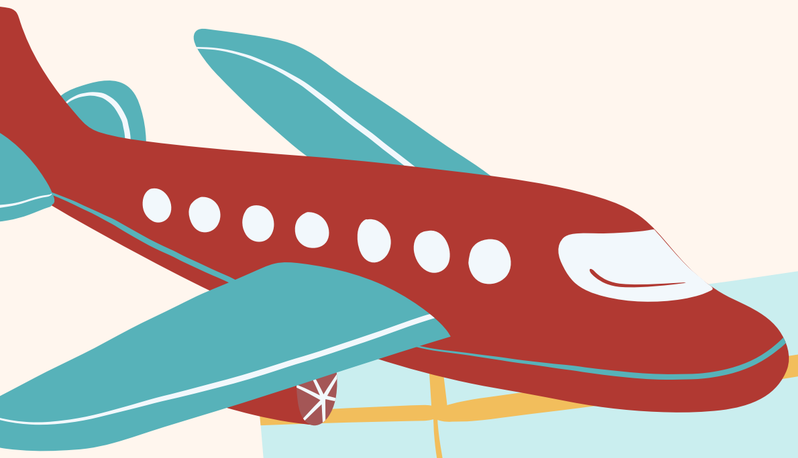
SYSTEM DEMONSTRATOIN



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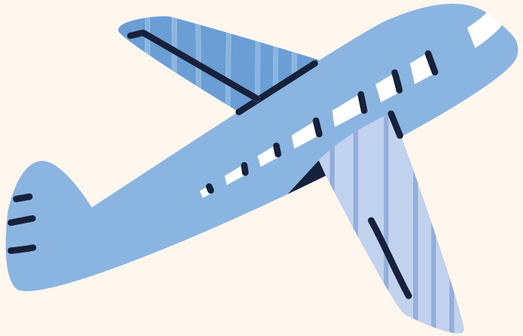
LIVE LINK AND CREDENTIALS

Link: https://flight-cheap-sigma.vercel.app/access/login

Username: username

Password: password