

GatorFly Documentation

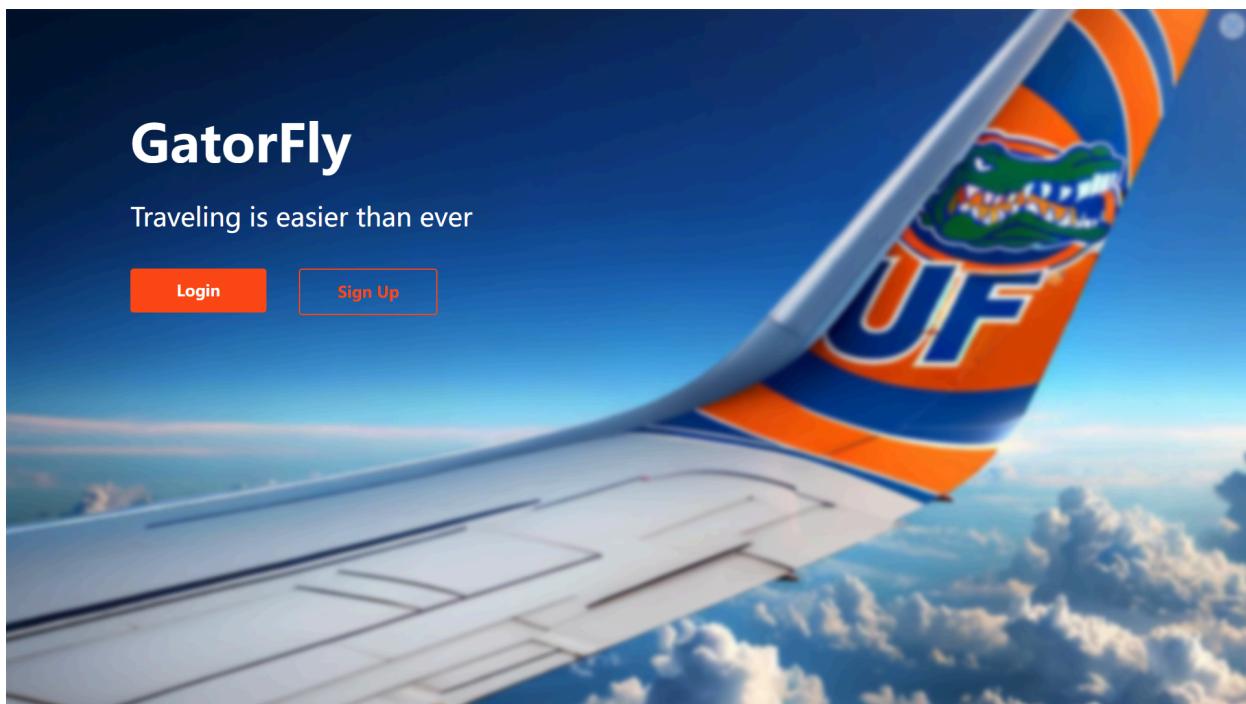
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Summary:

1. Create account or sign in to existing account
2. Sync microsoft account so that GatorFly can access your calendar
3. Enter date range that you want to search for flights in
4. Enter arrival and destination airports
5. View flights!

GatorFly Quick Start Guide:

- Home Page - Choose either to Login or Sign Up



- **Sign Up Page - Sign up with your name, email, and password**

Welcome to Gator Fly!

We allow you to optimize your travel so all you have to worry about is getting on the plane.

Name

Email

Password

Already have an account? [Sign in](#)



- **Login Page - Login with your credentials**

Welcome Back!

We are so glad to see you again and help you plan your next trip.

Email

Password

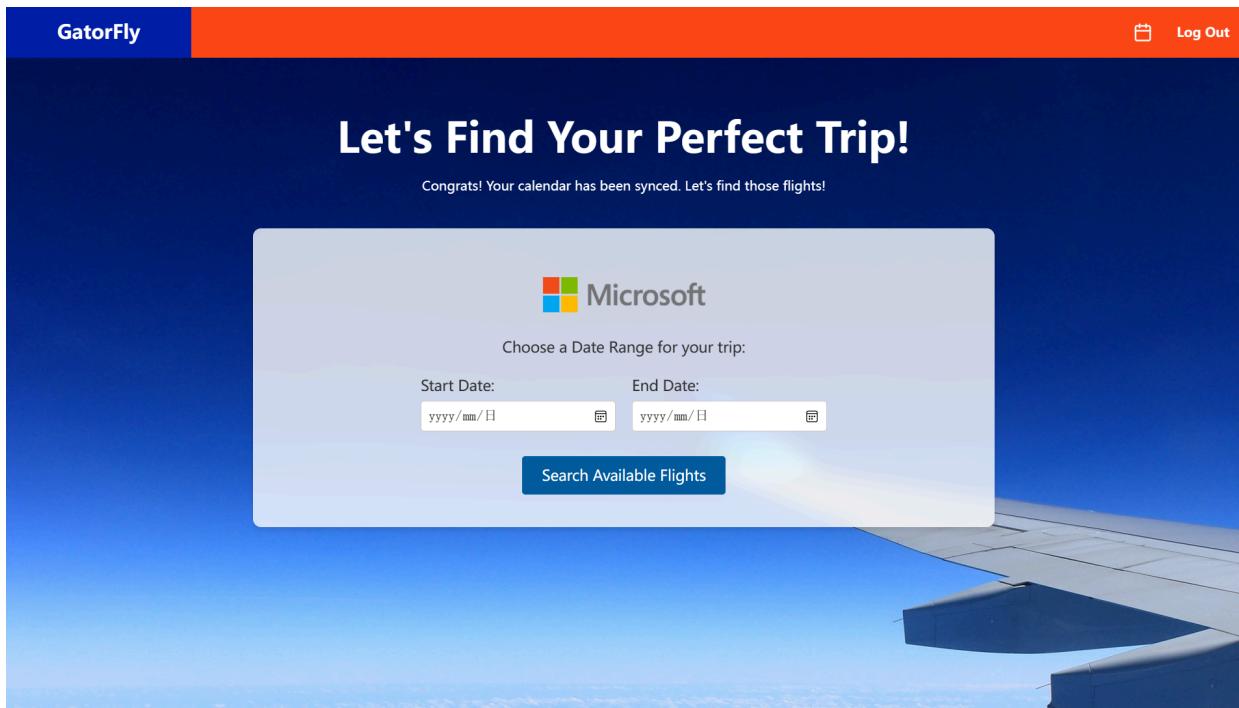
Need to make an account? [Sign up](#)



- **Calendar Sync Page - Connect to your Microsoft account with just the click of a button**



- Date Range Selection Page - Select your preferred date of traveling



- Search and Result Page - Here you select date range, flight type, origin and destination

The screenshot shows a flight search interface for GatorFly. At the top, there's a blue header bar with the 'GatorFly' logo and a 'Log Out' button. Below the header, a search form is displayed with 'Round-Trip' selected, origin 'CLT', destination 'DCA', and a 'Search' button. To the left, a sidebar titled 'Available Dates:' lists two sets of travel dates:

- Departure: 2024/5/2**, **Return: 2024/5/14**
- Departure: 2024/5/15**, **Return: 2024/5/31**

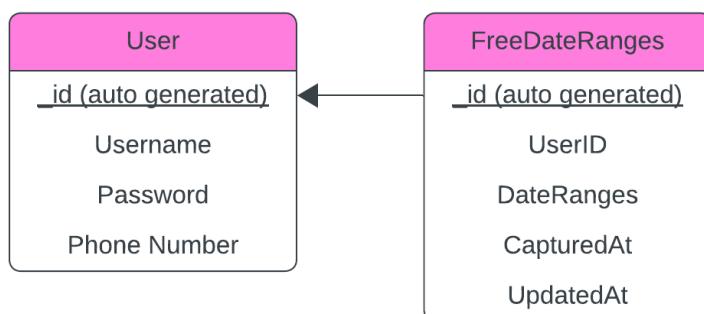
The main content area shows a table of flight results. The table has columns: Price, Origin, Destination, Departure, Arrival, Duration, and Carrier. The data is grouped by price levels (\$242, \$243, \$244) and includes the following flights:

Price	Origin	Destination	Departure	Arrival	Duration	Carrier
\$242	CLT	DCA	2024/5/3 13:18:00	2024/5/3 14:43:00	1h 25m	American Airlines
\$242	DCA	CLT	2024/5/15 08:25:00	2024/5/15 09:57:00	1h 32m	American Airlines
\$243	CLT	DCA	2024/5/3 17:40:00	2024/5/3 19:01:00	1h 21m	American Airlines
\$243	BWI	CLT	2024/5/15 20:16:00	2024/5/15 21:49:00	1h 33m	American Airlines
\$243	CLT	DCA	2024/5/3 17:40:00	2024/5/3 19:01:00	1h 21m	American Airlines
\$243	BWI	CLT	2024/5/15 09:50:00	2024/5/15 11:24:00	1h 34m	American Airlines
\$242	CLT	DCA	2024/5/3 14:50:00	2024/5/3 16:14:00	1h 24m	American Airlines
\$242	DCA	CLT	2024/5/15 08:25:00	2024/5/15 09:57:00	1h 32m	American Airlines
\$243	CLT	DCA	2024/5/3 18:35:00	2024/5/3 19:58:00	1h 23m	American Airlines
\$243	BWI	CLT	2024/5/15 20:16:00	2024/5/15 21:49:00	1h 33m	American Airlines
\$243	CLT	DCA	2024/5/3 18:35:00	2024/5/3 19:58:00	1h 23m	American Airlines

Image Source

<https://www.pexels.com/photo/gray-plane-wing-62623/>

ER Diagram:



Changes from Original Proposal

In our original proposal we said that one of the features of our website would be that users can directly book their flights through our website. Due to time constraints, we simplified our site so that it just displays the airline, date, and time, and users can take that information and book on the website of the airline itself. Additionally, we were only

able to implement the filter for one way vs round trip flights, not the length of trip or number of people. We also did not implement the budget feature due to time constraints.