

TRIP BUILDER PROJECT INFORMATION AND SCREENSHOTS

Important Files

- Installation file:

C:\xampp\htdocs\TripBuilder\read.md, or you could find it from github:
<https://github.com/xiaofanggit/TripBuilder>

- The completed database file: C:\xampp\htdocs\TripBuilder\miscellaneous\ trip_builder.sql . If you import this file to database as your DB, you could use the account ([xiaofang@gmail.com/xiaofang](mailto:xiaofang@gmail.com)) to access the API side; otherwise register first.
- The airports table: C:\xampp\htdocs\TripBuilder\miscellaneous\airports.sql. If you use “php artisan migrate” to generate tables, should still import this airports.sql into your DB manually.
- The screenshots and important information file :
C:\xampp\htdocs\TripBuilder\miscellaneous\ScreenshotsAndImportantInfo
- The trip table data file:
C:\xampp\htdocs\TripBuilder\database\seeds\DatabaseSeeder.php
- For API part, the controller, view, model and routes located at:

C:\xampp\htdocs\TripBuilder\app\Http\Controllers

C:\xampp\htdocs\TripBuilder\app\Model

C:\xampp\htdocs\TripBuilder\resources\views

C:\xampp\htdocs\TripBuilder\routes

- For client part, the view ,route, js files were located at:

C:\xampp\htdocs\TripBuilderClient\resources\views

C:\xampp\htdocs\TripBuilderClient\routes

C:\xampp\htdocs\TripBuilderClient\public\js

API Screenshots

-**Screenshot1:** After following the read.md to install successfully, this will be the first page you see.

🔄 tripbuilder.dev

Trip Builder [Login](#) [Register](#)

OAuth Clients [Create New Client](#)

You have not created any OAuth clients.

Personal Access Tokens [Create New Token](#)

You have not created any personal access tokens.

-Screenshot2: Register first.

🔄 tripbuilder.dev/register

Trip Builder [Login](#) [Register](#)

Register

Name

xiaofang

E-Mail Address

xiaofang@gmail.com

Password

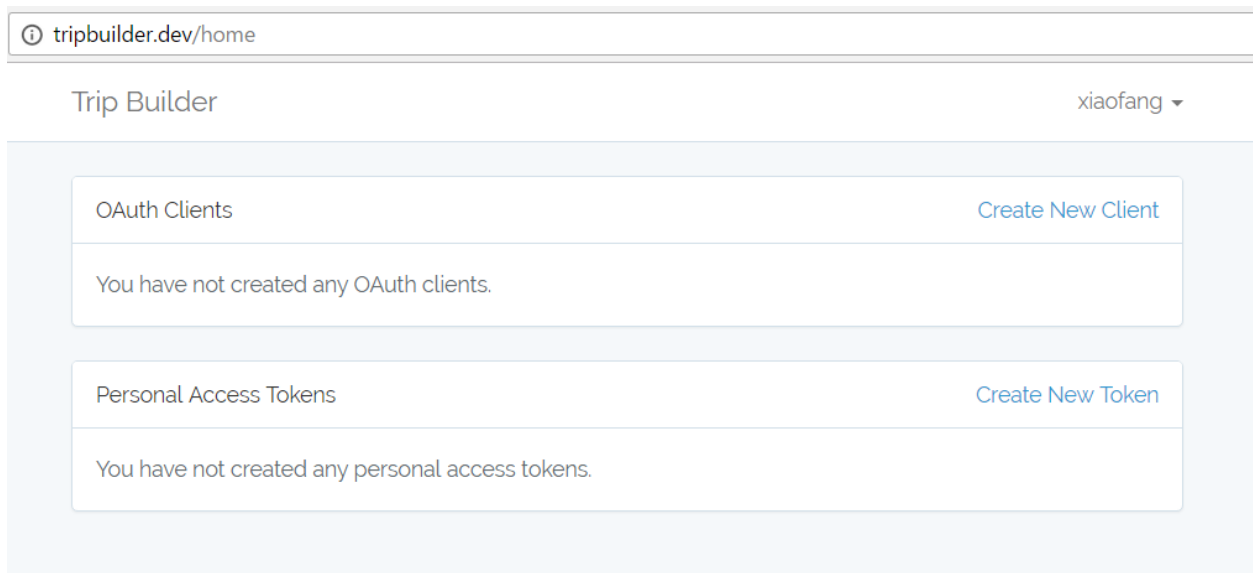
.....

Confirm Password

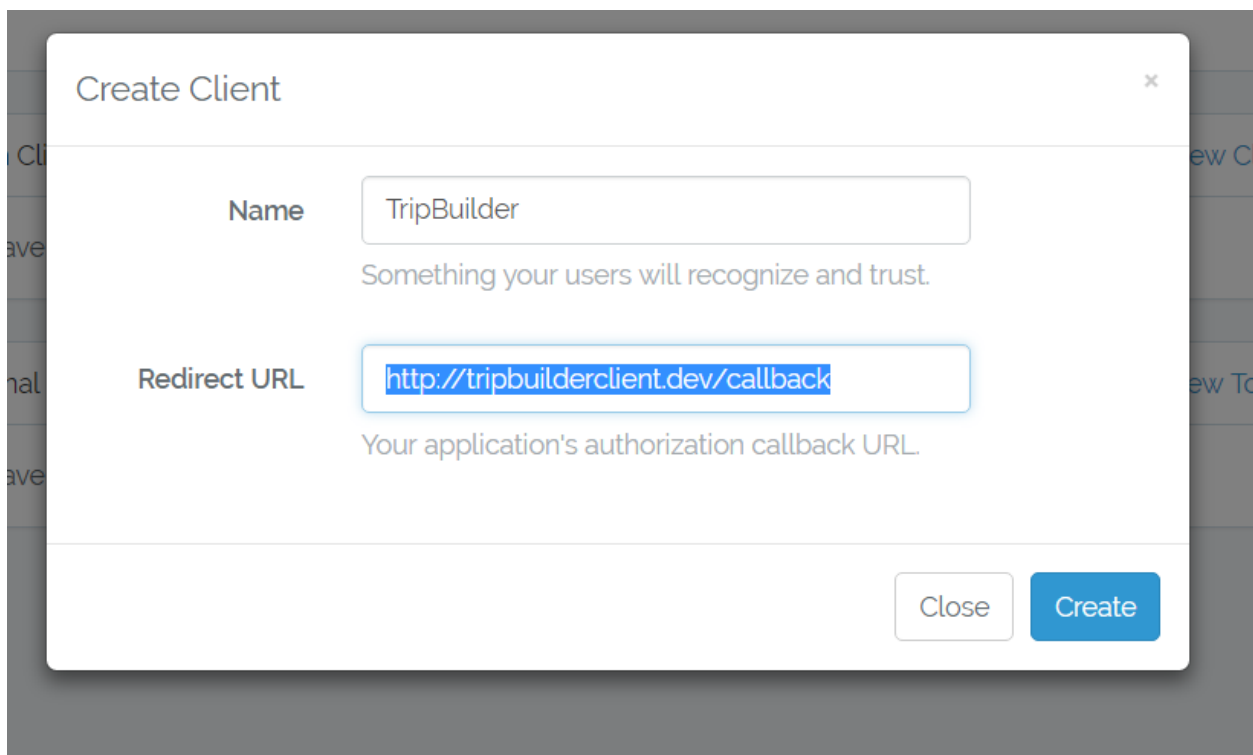
.....|

Register

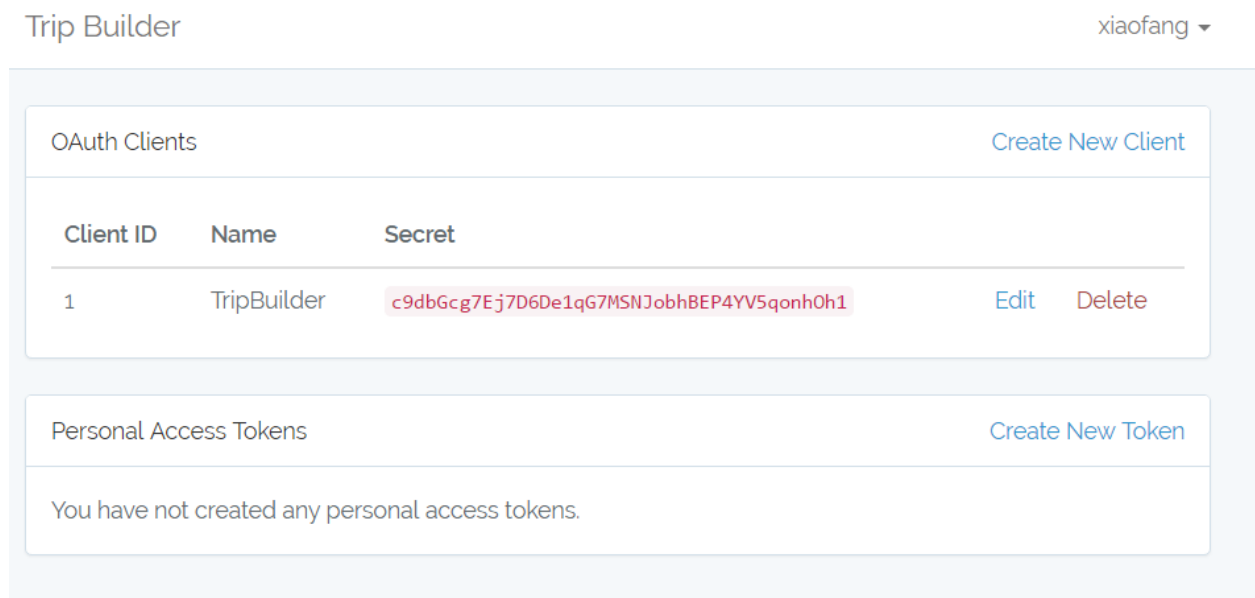
-Screenshot3: After registration, you will login automatically.



-Screenshot4: Create a new client who will consume your API. You could name it as what you want, but make sure the redirect URL should be `http://tripbuilderclient.dev/callback`



Screenshot5: After creating, you will see the below screen:



The **secret and client id** is very important. You should write down and will be used in our client site.

You could create as many clients as you want.

Now all installation and screenshots in our API server has done.

Client's Side Screenshots

Follow the readme in C:\xampp\htdocs\TripBuilderClient\readme.md or <https://github.com/xiaofanggit/TripBuilderClient> to install your client site.

Screenshot6: Change the file: C:\xampp\htdocs\TripBuilderClient\routes\web.php

client_id will be the id you generated from <http://tripbuilder.dev/>, for example 'client_id' =>1,

'client_secret' => 'X4yse2MGKxFd3gy2ORaQApehXjYCgTkxe7bBSaKE',

```

Route::get('/', function () {

    $query = http_build_query([
        'client_id' => '4',
        'redirect_uri' => 'http://tripbuilderclient.dev/callback',
        'response_type' => 'code',
        'scope' => ''
    ]);

    return redirect('http://tripbuilder.dev/oauth/authorize?'.$query);
});

Route::get('/callback', function (Illuminate\Http\Request $request) {
    $http = new \GuzzleHttp\Client;

    $response = $http->post('http://tripbuilder.dev/oauth/token', [
        'form_params' => [
            'client_id' => '4',
            'client_secret' => 'X4yse2MGKxFd3gy2ORaQApehXjYCgTkxe7bBSaKE',
            'grant_type' => 'authorization_code',
            'redirect_uri' => 'http://tripbuilderclient.dev/callback',
            'code' => $request->code,
        ],
    ]);

    $token = json_decode((string) $response->getBody(), true);
    Session::set('access_token', $token['access_token']);
    return $token;
});

```

Changed into:

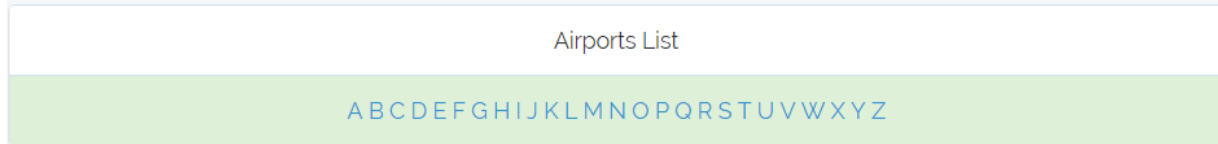
```

$response = $http->post('http://tripbuilder.dev/oauth/token', [
    'form_params' => [
        'client_id' => '1',
        'client_secret' => 'c9dbGcg7Ej7D6De1qG7MSNJobhBEP4YV5qonhOh1',
        'grant_type' => 'authorization_code',
        'redirect_uri' => 'http://tripbuilderclient.dev/callback',
        'code' => $request->code,
    ],
]);

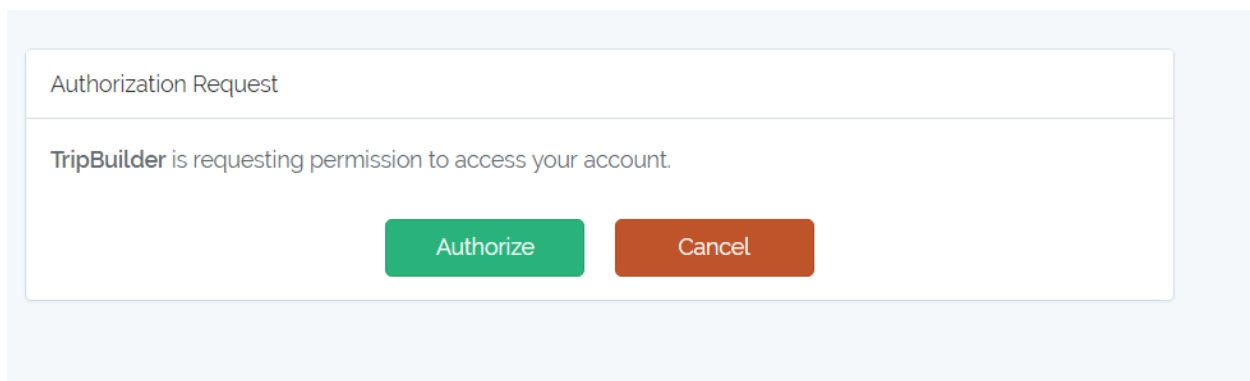
```

Screenshot7: Try the url <http://tripbuildclient.dev>, and you will see the below screen

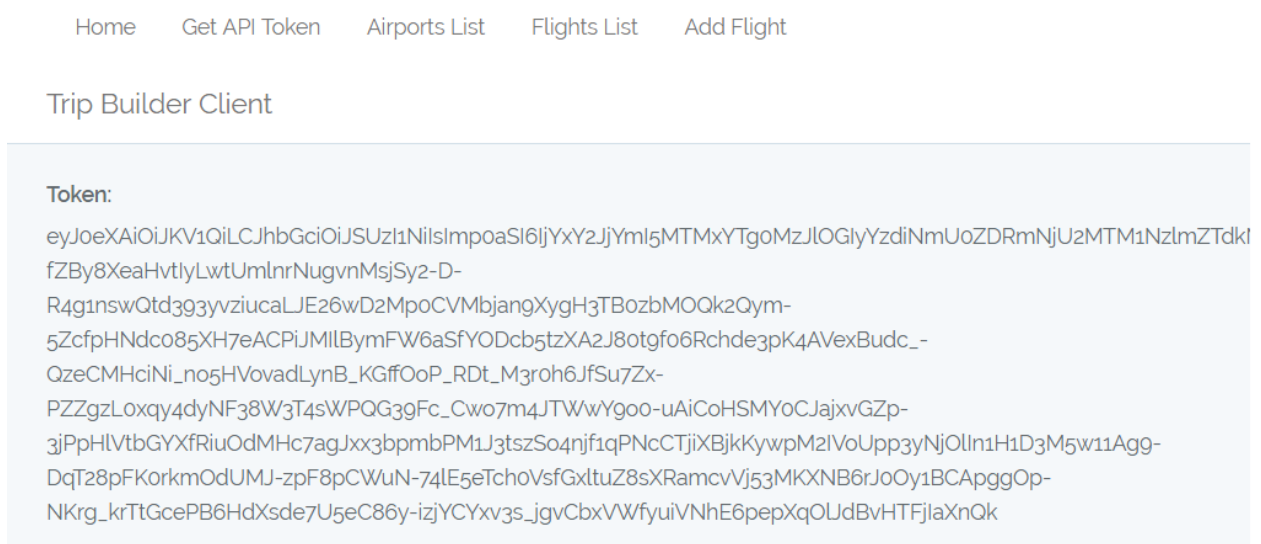
Trip Builder Client



Click 'Get API Token', you will see the below page:



Screenshot8: Click Authorize button, then you will get the below token:



Project Requirements

- **Requirement1:** Alphabetical listing of real airports in the world :
- API URL: <http://tripbuilder.dev/api/v1/airports> (GET):

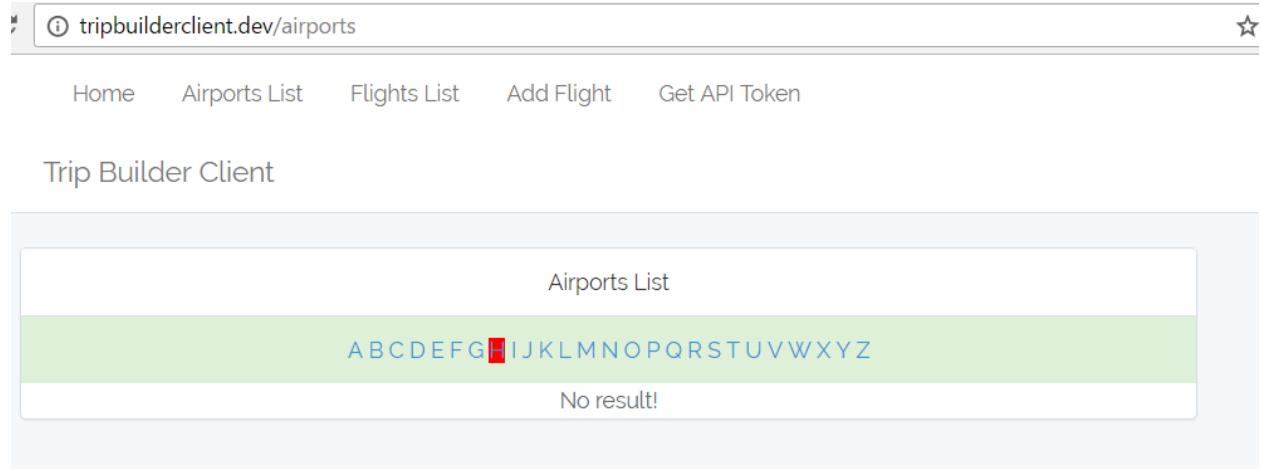
Letters are the first char of airports. Now in our DB, only have airports from letter 'A' to "E". I can import all others if you want.

Home Airports List Flights List Add Flight Get API Token

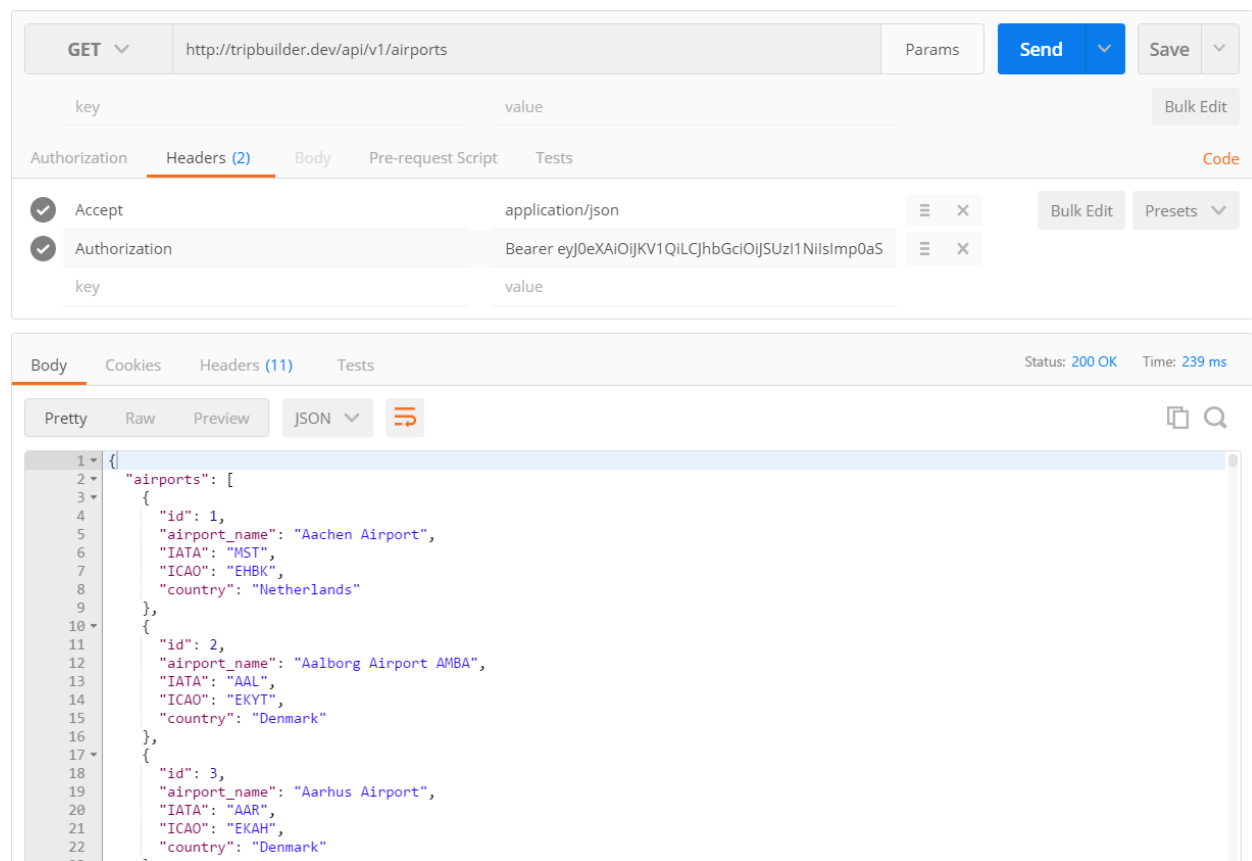
Trip Builder Client

Airports List				
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z				
ID	AIRPORT NAME	IATA	ICAO	COUNTRY
175	Babelthaupt/Koror Airport	ROR	PTRO	Palau
176	Badajoz Airport	BJZ	LEBZ	Spain
177	Badajoz - Talavera la Real Airport	BJZ	LEBZ	Spain
178	Badala Airport	FAA	GUFH	Guinea
179	Baden-Baden - Baden Airpark	FKB	EDSB	Germany
180	Bag, - Aeroporto Internacional Comandante Gustavo Kraemer	BGX	SBBG	Brazil
181	Baghdad International Airport	BGW	ORBI	Iraq
182	Bagotville Airport	YBG	CYBG	Canada
183	Bagram Air Base	BPM	OAIX	Afghanistan
184	Bahias de Huatulco Intl Airport	HUX	MMBT	Mexico
185	Bahrain International Airport	BAH	OBBI	Bahrain
186	Baia Mare International Airport	BAY	LRBM	Romania
187	Baie Comeau Airport	YBC	CYBC	Canada
188	Baiyun	CAN	ZGGG	China PRC
189	Baku - Heydar Aliyev Intl Airport	BAK	UBBB	Azerbaijan
190	Balandino Airport	CEK	USCC	Russia
191	Bali International Airport	DPS	WADD	Indonesia
192	Balice Airport	KRK	EPKK	Poland
193	Balikpapan - Sepinggan International Airport	BPN	WALL	Indonesia
194	Ballasalla Airport	IOM	EGNS	Isle of Man
195	Baltimore - Washington International Airport	BWI	KBWI	United States

No results screenshot:



The screenshots from postman:



- **Requirement2:** List of flights for a trip
- API URL: http://tripbuilder.dev/api/v1/flights?id={trip_id} (GET)

The trip table testing data was created by the file:

C:\xampp\htdocs\TripBuilder\database\seeds\DatabaseSeeder.php You could add more if you want.

[Home](#) [Airports List](#) [Flights List](#) [Add Flight](#) [Get API Token](#)

Trip Builder Client

Flights List

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Trip ID	Flight ID	Source Airport Name	Destination Airport Name	Action
1	1	Aalborg Airport AMBA	Abdulaziz Airport	Delete flight
1	2	Aarhus Airport	Abbotsford International Airport	Delete flight
1	3	Abbotsford International Airport	Abdulaziz Airport	Delete flight
1	9	Abu Dhabi International Airport	Accra - Kotoka International Airport	Delete flight
1	10	Abha Airport	Accra - Kotoka International Airport	Delete flight
1	11	Aberdeen Airport	Accra - Kotoka International Airport	Delete flight
1	12	Aachen Airport	Accra - Kotoka International Airport	Delete flight

GET

http://tripbuilder.dev/api/v1/flights

Par

Authorization

Headers (3)

Body

Pre-request Script

Tests

✓ Accept	application/json	
✓ Authorization	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI	
✓ id	1	
key	value	

Body

Cookies

Headers (16)

Tests

Pretty

Raw

Preview

JSON

```

1 {
2   "flights": [
3     {
4       "id": 1,
5       "trip_id": 1,
6       "start_name": "Aalborg Airport AMBA",
7       "end_name": "Abdulaziz Airport"
8     },
9     {
10      "id": 2,
11      "trip_id": 1,
12      "start_name": "Aarhus Airport",
13      "end_name": "Abbotsford International Airport"
14    },
15    {
16      "id": 3,
17      "trip_id": 1,
18      "start_name": "Abbotsford International Airport",
19      "end_name": "Abdulaziz Airport"
20    },
21    {
22      "id": 9,
23      "trip_id": 1,

```

- **Requirement3:** Adding flights to a trip
- API URL: <http://tripbuilder.dev/api/v1/flights> (POST)

@param int \$trip_id: id of a trip

@param int \$start_airport: id of a source airport,

@param int \$end_airport: id of a destination airport

Trip id: Start Airport id: End Airport id:

[Add flight](#)

lient

Add flight

OK

Name	Status	Type
<input type="checkbox"/> flights?access_token=eyJ0eXAiOiJV1QjLCJhbGciOiJSUzI1N...	200	xml

POST

tripbuilder.dev/api/v1/flights?trip_id=1&start_airport=2&end_airport=5&access_token=eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImtpOjkiOiJkZXYWZmF0eGhNT

Params

Send

Save

trip_id	1		
start_airport	2		
end_airport	5		
access_token	eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImtpOjkiOiJkZXYWZmF0eGhNT		
key	value		

AuthorizationHeadersBodyPre-request ScriptTests

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POST ▼ tripbuilder.dev/api/v1/flights?trip_id=1&start_airport=2&end_airport=5&access_token=eyJ0e

Body Cookies Headers (12) Tests

Pretty Raw Preview

```
{"result":true,"msg":"The flight inserted successfully.","status":200}
```

- **Requirement4:** Remove flights from a trip
- URL: <http://tripbuilder.dev/api/v1/flights> (DELETE)

Dashboard

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Trip ID	Flight ID	Source Airport Name	Destination Airport Name	Action
1	1	Aalborg Airport AMBA	Abdulaziz Airport	Delete flight
1	2	Aarhus Airport	Abbotsford International Airport	Delete flight
1	3	Abbotsford International Airport	Abdulaziz Airport	Delete flight
1	4	Aachen Airport	Abbotsford International Airport	Delete flight
1	5	Abidjan International Airport	Adana - Sakirpasa Airport	Delete flight
1	6	Abuja - Nnamdi Azikwe International Airport	Adams Field	Delete flight
1	7	Abruzzo International Airport	Abu Dhabi International Airport	Delete flight
1	8	Aberdeen Airport	Abuja - Nnamdi Azikwe International Airport	Delete flight

tripbuilderclient.dev says:
The flight deleted successfully
☐ Prevent this page from creating additional dialogues.

OK

27 28 29 30 31
35 66 67 68 69
94 95 96 97 98 99 100

tion Airport Name	Action
\bdulaziz Airport	Delete flight
ord International Airport	Delete flight
\bdulaziz Airport	Delete flight
ord International Airport	Delete flight
ia - Sakirpasa Airport	Delete flight

Name

flights

app.css

style.css

app.js

main.js

css?family=Raleway:300,400,600

0dTEPzkLWceF7z0koJaX1A.woff2

favicon.ico

flights?access_token=eyJ0eXAiOiJK

xkvoNo9fC8O2RDydKj12b_k_vArhq

flights?access_token=eyJ0eXAiOiJK

flights?access_token=eyJ0eXAiOiJK

flights?access_token=eyJ0eXAiOiJK

flights?access_token=eyJ0eXAiOiJK

flights?access_token=eyJ0eXAiOiJK

flights?access_token=eyJ0eXAiOiJK

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tripbuilder.dev/api/v1/airpo http://tripbuilder.dev/ x + No Environment

DELETE http://tripbuilder.dev/api/v1/flights?id=4&access_token=eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIm

Params **Send** **Save**

id	4	
access_token	eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIm	
key	value	

Authorization Headers Body Pre-request Script Tests

Type OAuth 2.0

Existing Tokens **Get New Access Token**

test	test	Delete	Use Token
------	------	--------	-----------

Add token to URL

token_type Bearer

expires_in 432000

access_token eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIm

Body Cookies Headers (12) Tests

Pretty Raw Preview JSON

```

1 {
2   "result": {
3     "headers": {},
4     "exception": null
5   },
6   "status": 200,
7   "msg": "The flight deleted successfully"
8 }

```