

Trip planner

There is an Airliner flights availability API that you should integrate with your own application. Application should be both FE BE. In order to organize your plannings, provide folder structure functionality so users are able to organize their trips and invite other users to specific folders(shared trips). There should be some sorting and filtering on API responses and also search engines for searching specific flights (dates, destinations, ect.).

There are some rules that should be accomplished:

1. User authentication inside APP should be accomplished by using access and refresh tokens.
2. If the user is inactive for 30 minutes, it should be signed out automatically.
3. User can invite other users to its folders
4. User can delete specific folders from his profile (hard delete)
5. Once a user clicks on a specific stored flight inside the folder, flight details should be provided.
6. There should be an admin user that can change the settings of basic users.
7. Provide flights search with filters: date range of flights, from, to, ect.
8. Invited users should be able to edit folders.

Examples of folder structure:

(F) - stands for folder

(T) - stands for Trip

(F) 2022

- (F) January
 - (F) Croatia
 - (T) Zagreb-Zadar - 20/01/2022 at 8:30 am
 - (T) Zadar-Split - 25/01/2022 at 6:45 pm
 - (T) Split-Zagreb - 30/01/2022 at 5:00pm
- (F) August
 - (F) Spain
 - (T) Zagreb-Madrid - 05/08/2022 at 00:15 am
 - (T) Madrid-Zagreb - 15/08/2022 at 14:30 pm

(F)2023

- (F) Maldives

API reference:

<https://developers.amadeus.com/self-service/category/air/api-doc/flight-offers-search/api-reference>

- Open your own developers account and provide everything needed for integration (API keys)