

Co-flying App

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Introduction

Co-flying is the joint and organized use of a light aircraft, by a non-professional pilot and one or more third-party passengers, for the purpose of making a common trip.

The app shall allow :

- Registration and user login (pilots and simple users).
- Plan flights by pilots.
- Search planned flights.
- Flights booking.
- Booking confirmation.
- Notify passengers

Users

The app will be used by three types of users:

- Pilot: he can add, update and delete a flight, he can also confirm or refuse a flight booking.
- Simple visitor: can search flights and visit their details.
- Registered User: In addition to what can do a simple visitor, he can book flights for multiple passengers.

Business objects

Pilot
- firstName: String
- lastName: String
- age: int
- email: String
- password: String
- numTel: String
- exprience: String
- qualification: String
- licence: String
- flyingHours: int

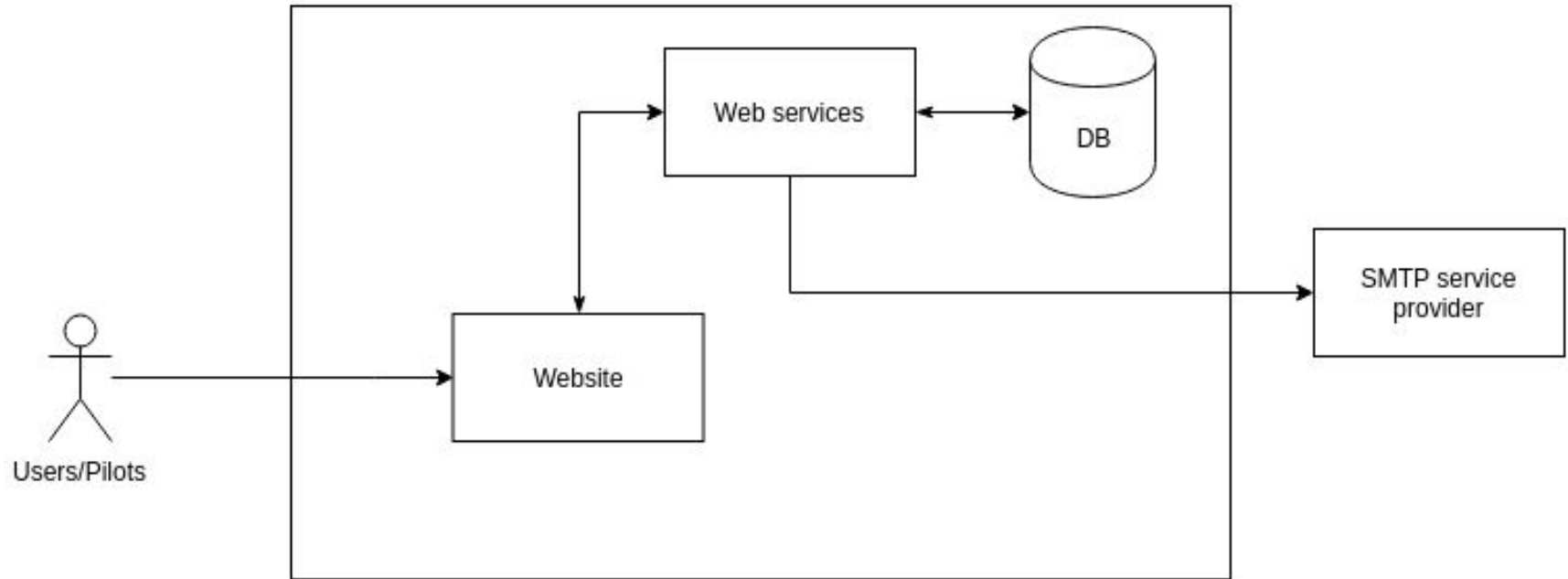
User
- firstName: String
- lastName: String
- email: String
- password: String

Aircraft
- Reference: String
- speed: String
- seats: int

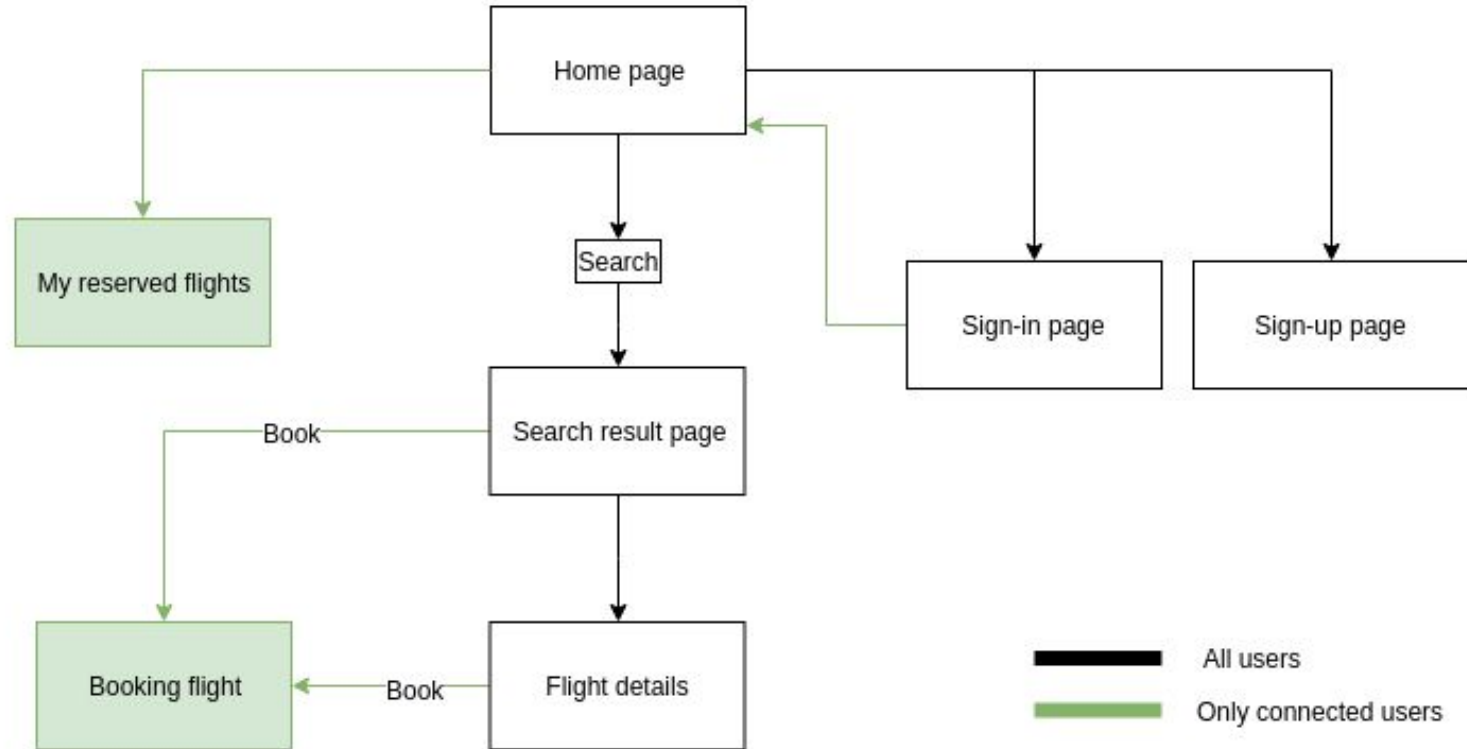
Flight
- departure: String
- arrival: String
- date: LocalDateTime
- seats: int
- price: int
- appointmentAdress: String
- aircraft: Aircraft
- pilot: Pilot

Booking
- firstName: String
- lastName: String
- date: LocalDateTime
- confirmed: boolean
- flight: Flight
- reservedBy: User

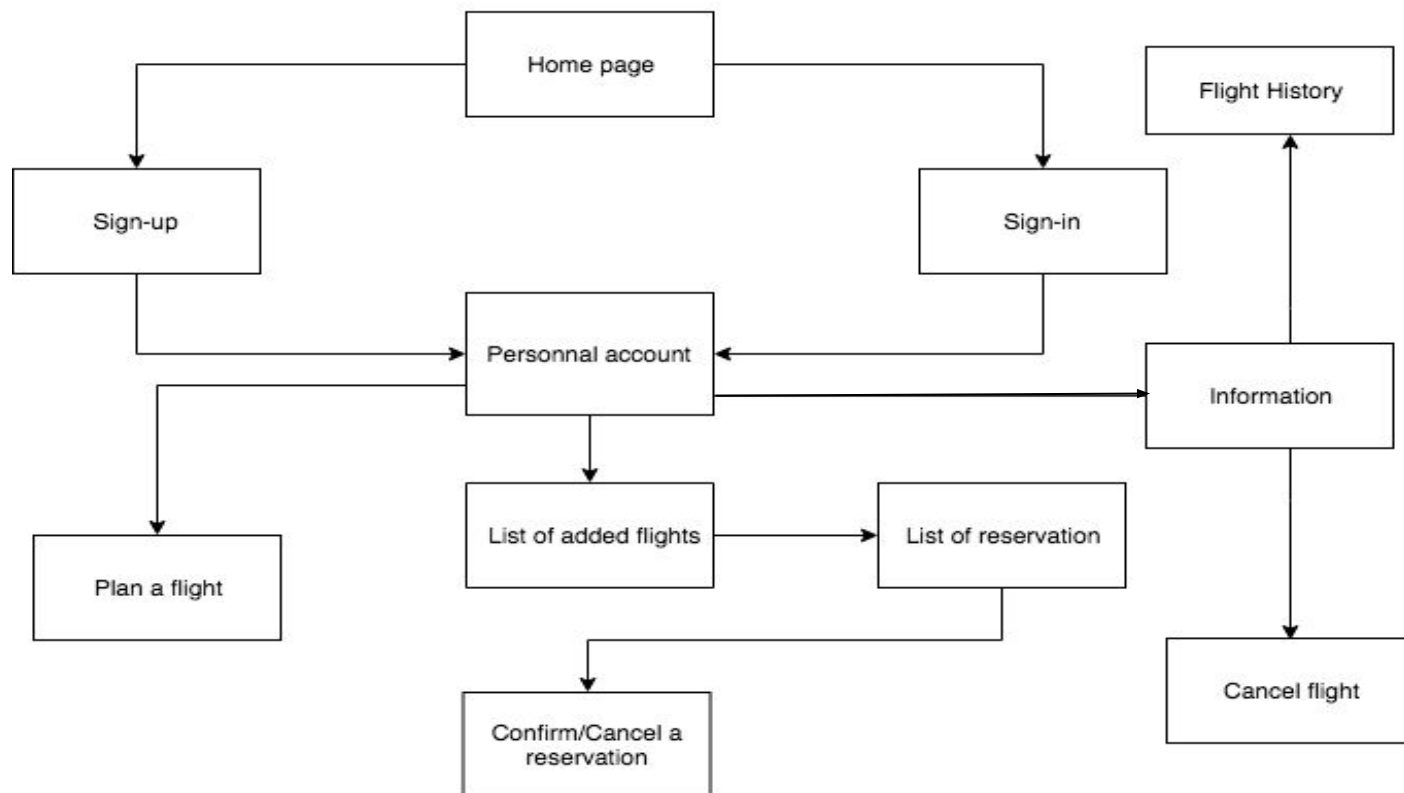
Subsystems diagram



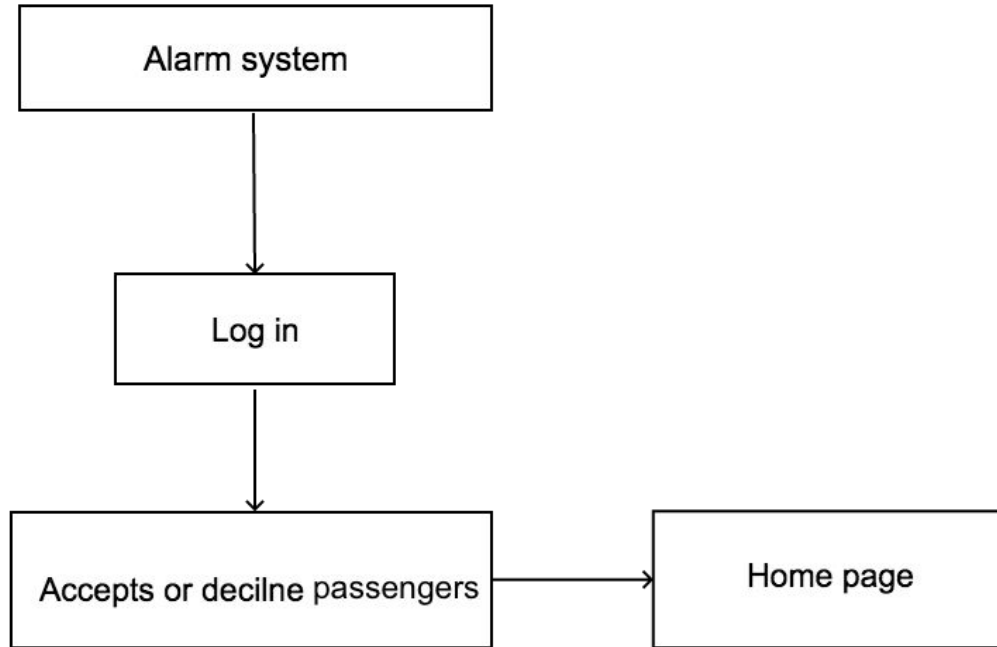
Navigation diagram - User/Visitor



Navigation Plan - Pilot



Alarm system diagram





A trip in Paris

From 45€

Image



Departure city



Arrival city



02/22/2019

+ more ...

Search

Fly

[Flights](#)[Ride](#)[Sign-in](#)[Sign-up](#)

City:

Between:

And:

Pilote

Pilote 1

Pilote 2

Search

Available seats:

Max price:

Min price:



Paris

65€

From: Aéroclub Enghien Moisselles

Date: 24/02/2019

To: Aéroclub Enghien Moisselles

Flight duration: 1h30

Available seats: 2

More...

Book



Paris

50€

From: Charles De Gaulle

Date: 20/02/2019

To: Aéroclub Enghien Moisselles

Flight duration: 1h15

Available seats: 6

More...

Book

<< < 1 2 3 4 5 6 > >>



Image

Paris

65€

From: Aéroclub Enghien Moisselles

Date: 24/02/2019

To: Aéroclub Enghien Moisselles

Flight duration: 1h30

Available seats: 2

Description:

Nous décollerons de l'aéroport de Lognes pour nous rendre au dessus du célèbre château de Vaux-Le-Vicomte, l'un des chefs d'oeuvres de l'architecture classique dans notre région.

Nous irons ensuite longer les bords de la Marne jusqu'à Meaux avant de survoler le parc

Disneyland, dont vous pourrez avoir un aperçu unique depuis les airs.

Pilot: Pilot Mike

Aircraft: Robin DR400 - 140HP

Total flying hours: 1005

Pilot licences: PPL

[Book](#)[Back](#)

Fly



Passenger

Mr.

Ms.

First name:

First name...

Last name:

Last name...

Email:

Email...

Password:

Password...

Password:

Password...

☐ By signing up I agree to the Terms of Service

Sign-in

Passenger

Pilote



Pilote

Mr.

Ms.

First name:

First name...

Last name:

Last name...

Email:

Email...

Password:

Password...

Password:

Password...

☐ By signing up I agree to the Terms of Service

Sign-in

Sign In

Fly

Sign-in

Email:

Password:

1. Personal information

2 Passenger



Passenger 1

First name:

First name...

Last name:

Last name...

Passenger 2

First name:

First name...

Last name:

Last name...

Message to the pilot

Paris

Date: 24/02/2019

Flight duration: 1h30

From: Aéroclub Enghien Moisselles

65€ x 2

Total: 130€

Send

Cancel

Add flight page

Add a flight

Departure

Arrival


Aircraft

Date

Seats

Appointment address

Price

Add an image


Personnel account page

Your personal account

Change your informations :

Change..

Add a flight :

Add..

See your added flights :

See..

List of my flights

Your flights

No Image

departure :	seats :
arrival :	appointment address :
aircraft :	price :
date :	number of reservation you have confirmed :
list of reservations :	<div>Check to confirm..</div>

No Image

departure :	seats :
arrival :	appointment address :
aircraft :	price :
date :	number of reservation you have confirmed :
list of reservations :	<div>Check to confirm..</div>



Confirm reservations page

Reservations

Home page

User name :

Number of reservation desired :

User name :

Number of reservation desired :

