

Flight Manager



Group #1

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System Overview

The system to be developed is a flight management system in response to airline companies need to organize and planify upcoming flights.

The main purpose of the system is to establish a clear and detailed calendar defining each upcoming flight in a unique and usefull way.

Flight Manager will be used by both CCOs and crew members through a website and mobile application.

Users

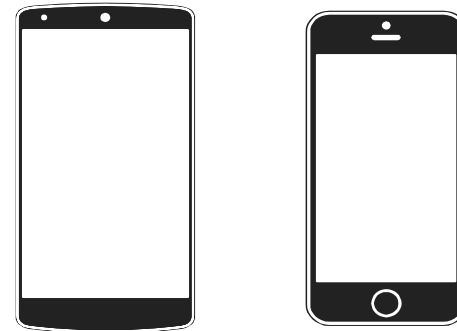
CCO Group

As for the CCO group, advanced privileges and flight modification access are granted through a website version of the system.



Crew Members

On the other hand, crew members only have a reading access in order to stay informed and accomplish their check-in in the best way.



Business Objects

In addition to some supplementary entities such as OFP, meteorology, NOTAM and advertising, our system has 3 major business objects detailed further more, which are flights, planes and employees.

Business Objects

Plane

- model
- ATC_number
- commercial_number

Flight

- ATC_number
- departure_airport
- arrival_airport
- departure_time
- arrival_time
- OFP
- NOTAM_list
- ad_list
- meteo_card
- crew_list

Employee

- employee_id
- first_name
- last_name
- job_title

Technical Diagram

