

The application has three faces:

- The game, or the entertainment application that allows onlookers and pet owners to get information and curiosities about animals, play games. Mobile first, online only, no database.
- The front-office, that is the application for clients, mobile first, to allow access activities and use of online services
- The back-office, that is the application for the employees / of the company who enable and configure the various services

GAME:

The game is an application in its own right, aimed at presenting the company, offering moments of leisure and education to pet owners

• Authentication is NOT required and the services are available to anyone connecting to the application

• It has a wide availability of simple animal-themed games, and information pages and specific curiosities about the user's animals and the animal world in general.

• Take advantage of the REST API of online services, there are many, some in the next slides

• Allows you to quickly switch to the front-office application

includes:

- Funny and interesting images or videos on the subject (example from YouTube)
- Quiz: using for example the trivia API, the system generates random questions and allows the user to play

FRONT-OFFICE:

The front-office is a traditional web application, online only, for both mobile devices and PCs, aimed at providing access to the products and services offered by the company.

Necessary to login to access

community services:

(1) leaderboard with score of the various games of the game (2)

bulletin board for sharing images or anecdotes

BACK-OFFICE:

The back office is the part of the application that allows administrators to manage customer data and enable and configure services and products.

Includes:

- Customer details: to manage customer information: registration, login, password change, password reset, cancellation, preferences and favorite animals, game scores
- Community services: to check or delete messages on the message boards

list of possible APIs to use:

<https://github.com/public-apis/public-apis>

<https://dog.ceo/dog-api/>

<https://www.fishwatch.gov/developers>

<https://imgflip.com/api>

requirements:

Backend in Node / ExpressJS

The client-side code can be written in plain Javascript or with JQuery or other frameworks (component-based)