**MySQL**

**Response**

**Request**

**FRONT-END**

**Jquery - Ajax – Angular 4**

**Angular4 – ionic3**

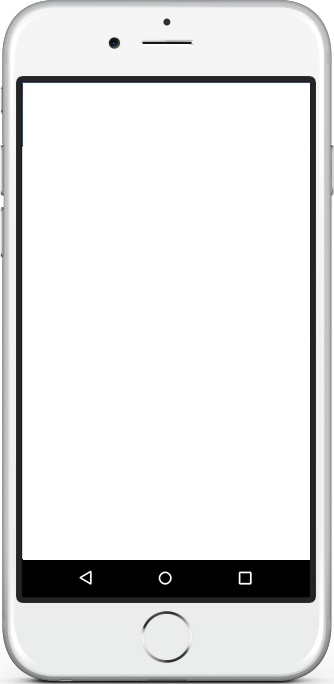
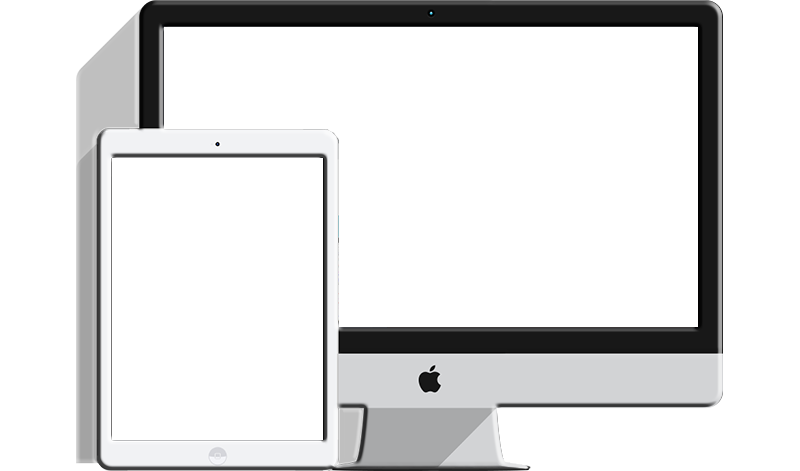
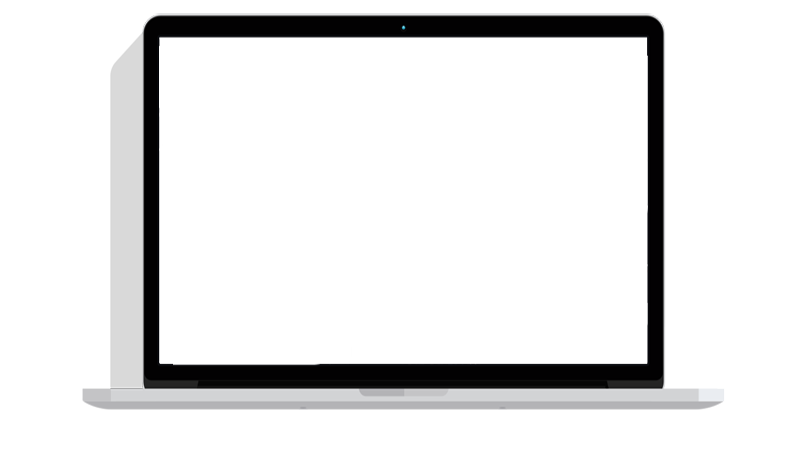
**Jquery - Ajax – Angular 4**

**BACK-END**

**JSON (AES)**

**GET, POST, PUT, DELETE**

**JWT Token**



**Other Backend Classes**

Medium security

Model – App Logic

**DBQuery Class**

CRUD – Low security

**REST API (slim PHP)**

Routing – Json return – **Controllers** – **Middleware** **– Deep security** – HTTPS – AES

**Inheritance**

**Call constructor**

**DBConnection Class**

Good morning engineer Celestin. This is my proposal for the platform.

Don’t be afraid of Classes, because I will do the major part for classes. To make a multi-platform app or what we technically call cross-platform app, the easy architecture is REST, in our case we can work with JSON output or XML output. But JSON is what can be easy.

**\***Try to see the project I send u yesterday to understand it.

**KEY TERM Explanation**

* **AES**: Asymmetric Encryption System. It will help us to secure exchange between backend and frontend. I already built an algorithm for this.
* **JWT:** Json Web-Token, just to filter input-output in the system. Useful for authentication and authorization, in the code it will be made with **ApiKey** (that should be send in the request body for protecting route) and **AuthKey** (that should be send in the request header for protecting response).
* **Middleware:** just a mechanism (generally a function or a method attached to route) for controlling access and protecting route, it will check if a correct **JWT** is send means, if a correct **ApiKey** exist in the request body and if the correct **AuthKey** exist in the request-response header.