

## **ENDPOINTS DEFINITION**

*Guía para los nuevos controladores REST, cada endpoint representa un método en el nuevo controlador.*

### **JWT (JSON WEB TOKENS)**

- **POST** /api/tokens/generate
  - **Request:** email, password.
  - **Response:** token, successful.
- **POST** /api/tokens/validate
  - **Request:** token (in header).
  - **Response:** token, is\_valid.

### **ORDERS**

**OrderDto** (order\_id, category, purchase\_date, expiration\_date, ram, cores, storage, transfer)

- **GET** /api/orders?page=X&amount=Y
  - **Request:** *EMPTY*.
  - **Response:** list of **OrderDto**
- **GET** /api/orders/{id} → where id represents the id of the order
  - **Request:** *EMPTY*.
  - **Response:** OrderDto
- **GET** /api/orders/{id}/export → where id represents the id of the order
  - **Request:** *EMPTY*.
  - **Response:** *PDF FILE*.
- **POST** /api/orders/{id}/renew → where id represents the id of the order
  - **Request:** *EMPTY*.
  - **Response:** success.
- **POST** /api/orders/{id}/cancel → where id represents the id of the order
  - **Request:** *EMPTY*.
  - **Response:** success.

### **PRODUCTS**

**ProductDto** (id, category, price, hourlyPrice, ram, cores, storage, transfer)

- **GET** /api/products
  - **Request:** *EMPTY*.
  - **Response:** list of **ProductDto**
- **POST** /api/products/{id}/purchase → where id represents the id of the product
  - **Request:** *EMPTY*.
  - **Response:** success.

### **SALES**

**OneTimeDiscountDto** (discount, price, discounted\_price, ram, cores, storage, transfer)

**AccumulativeDiscountDto** (discount, price, discounted\_price, bulk\_amount, ram, cores, storage, transfer)

- **GET** /api/sales/otd → obtains current one time discount
  - **Request:** *EMPTY*.
  - **Response:** a **OneTimeDiscountDto** or empty if not active
- **GET** /api/sales/ad → obtains current accumulative discount
  - **Request:** *EMPTY*.
  - **Response:** a **AccumulativeDiscountDto** or empty if not active
- **PUT** /api/sales/otd → updates current one time discount
  - **Request:** *EMPTY*.
  - **Response:** a **OneTimeDiscountDto** or empty if not active
- **PUT** /api/sales/ad → updates current accumulative discount
  - **Request:** *EMPTY*.
  - **Response:** a **AccumulativeDiscountDto** or empty if not active
- **POST** /api/sales/otd/disable → disables current one time discount
  - **Request:** *EMPTY*.
  - **Response:** success.
- **POST** /api/sales/ad/disable → disables current accumulative discount
  - **Request:** *EMPTY*.
  - **Response:** success.

## STATISTICS

**StatisticsDto** (accumulated\_capital, week\_sales, category\_purchases)

- **GET** /api/statistics → obtains purchased products statistics
  - **Request:** *EMPTY*.
  - **Response:** a **StatisticsDto**

## USER

**RegisterUserDto** (first\_name, surname, address, email, password)

**UpdateUserDto** (encoded\_picture, content\_type, first\_name, surname, address, email, password)

**FindUserDto** (id, first\_name, surname, address, email, enabled)

- **POST** /api/users → registers a new user
  - **Request:** a **RegisterUserDto**.
  - **Response:** success.
- **PUT** /api/users → updates the given user
  - **Request:** a **UpdateUserDto**.
  - **Response:** success.
- **GET** /api/users/{id} → finds a user by the given id
  - **Request:** *EMPTY*.
  - **Response:** a **FindUserDto**.
- **GET** /api/users?page=X&amount=Y → finds users
  - **Request:** *EMPTY*.
  - **Response:** a list of **FindUserDto**.
- **POST** /api/users/{id}/enable → enables the user account by the given id
  - **Request:** *EMPTY*.
  - **Response:** success.
- **POST** /api/users/{id}/disable → disables the user account by the given id
  - **Request:** *EMPTY*.
  - **Response:** success.
- **POST** /api/users/{id}/picture → returns the picture associated to the user
  - **Request:** *EMPTY*.
  - **Response:** *PNG/JPEG FILE*.