Appizza - REST API Documentation

API publicly available at https://www.appizza.altervista.org/php/api

Authentication

[POST] login_verify.api.php

Obtain a JWT for future access to private resources.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **username**: string, required
- **password**: string, required

Example: username=alberto&password=mypassword

Result

A json object with the following fields:

- **success**: boolean
  Description: True if the request had success. False otherwise.
- **token**: string
  Description: If success, a JWT to be used by the client to access protected resources. null if there was an error (for example, invalid credentials).
- **error**: string | null
  Description: null if success. Otherwise, a string explaining which error occurred.

[POST] signup.api.php

Appizza administrators can use this endpoint to register new users/administrators.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of an existing Appizza administrator
- **username**: string, required, unique
  Description: username of the new user
- **password**: string, required
  Description**:** password of the new user
- **email**: string, required, unique
  Description: email of the new user
- **userlevel**: number, required
  Description: 0 student, 1 seller, 2 admin
- **classe:** string
  Description: required only if userlevel = 0. The class of the student
- **nome:** string, required
- **cognome:** string, required
- **citta:** string
  Description: required only if userlevel = 1. The city of the seller

Result

A json object with the following fields:

- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | null
  Description: null if success. Otherwise, a string explaining which error occurred.

Users

[POST] get_user.api.php

Appizza administrators can use this endpoint to access data about a specific user.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of an existing Appizza administrator
- **username**: string, required

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.
- **response**: User | null
  Description: null if error. Otherwise, an object containing the requested user's data, such as email, name, and so on.

[POST] get_users_api.php

Appizza administrators can use this endpoint to retrieve all the registered users' data.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of an existing Appizza administrator

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.
- **response**: User[] | null
  Description: null if error. Otherwise, an array of objects containing users' data, such as email, name, and so on.

[POST] delete_user.api.php

Endpoint used by an admin to delete a user.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of an existing Appizza administrator
- **usernameToDelete:** string, required

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.

[POST] get_current_user.api.php

Every user can make a request to this endpoint to obtain info about their own account.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of a user.

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.
- **response**: User | null
  Description: null if error. Otherwise, an object containing data (such as email, name, and such) of the user associated with the provided JWT.

Pizzas

[POST] add_pizza.api.php

Appizza sellers can use this endpoint to add a pizza to their menu.

Headers

- Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of a seller.
- **nomepizza**: string, required
  Description: the name of the new pizza.
- **prezzo**: number, required
  Description: the pizza's price per unit, in euros.
- **disponibile**: number, required
  Description: 1 means available for future orders, 0 indicates out of stock.
- **descrizione**: string, required

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.

[POST] get_pizzas.api.php

Every user can make a request to this endpoint to retrieve all the pizzas stored in the database.

Headers

Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of a user.

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.
- **response**: Pizza[] | null
  Description: null if error. Otherwise, an array of objects containing data about all the pizzas in the database.

[POST] delete_pizza.api.php

A pizza seller can delete one of his/her pizzas using this endpoint.

Headers

Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of the seller who sells that pizza.
- **pizzaName**: string, required
  Description: the name of the pizza to be deleted.

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.

Orders

[POST] get_orders.api.php

A student can access this endpoint to look at all the orders he/she requested using Appizza.
A seller can access this endpoint to look at all the orders he/she received through Appizza.

Headers

Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

- **token**: string, required
  Description: a valid JWT of either a student or a seller.

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.
- **response**: Order[] | null
  Description: null if error. Otherwise, an array of objects containing data (such as date, status, pizza quantity and price per unit…) about all the orders involving the user.

[POST] order_pizza.api.php

A student can access this endpoint to make a new order.

Headers

Content-Type: application/x-www-form-urlencoded; charset=UTF-8

Body

A json object containing the following fields:
- **token**: string, required
  Description: a valid JWT of either a student or a seller.
- **shoppingItems:** Array, required
  Description: an array containing the pizzas to be ordered. Each item has the following fields:
  - **nome**: string, required
    Description: the name of the desired pizza
  - **prezzo:** number, required
    Description: the price of the desired pizza
  - **quantita**: number, required
    Description: how many units of the pizza must be ordered
  - **idVenditore**: string, required
    Description: the id of the seller who sells the desired pizza

Result

A json object with the following fields:
- **success**: boolean
  Description: True if the request had success. False otherwise.
- **error**: string | boolean
  Description: false if success. Otherwise, a string explaining which error occurred.