INTRODUCTION

The REST API provides a practical, powerful, and simple web services API to interact with Tanaguru's web page audit service. Its advantages are great ease of integration and development. It is also a great solution for use with mobile and web applications.

Using the API requires basic knowledge of web services.

API base URL: https://testagent-api.wizall.com/

All API calls start with this URL plus the path to the desired action.

Example: https://testagent-api.wizall.com/token/

The API is only accessible via the Https protocol and accepts HTTP POST and GET requests. The data sent in POST must respect the JSON format.

N.B:

All codes > = 400 indicate that the request was not successfully processed by our servers.

TOKEN

The REST API uses token to allow users to access securely.

Before making REST API calls, you must have a token

- username,
- grant_type,
- client_type,
- client_id,
- client_secret,
- password

Example request:

POST: /token/

Host: https://testagent-api.wizall.com

Get Token

N.B: The token must be renewed every 24 hours by calling this api

POST:/token/

Headers

Content-Type: application/json

Body:

```
{
    "username": "test",
    "grant_type": "password",
    "client_type": "public",
    "client_id": "jdsjkw9021843092-02198322332n",
    "client_secret":
"WTwiygwawd3d3d32erfnBk2dHiwVrP4nW6Ip2EBXyuZLHAJ14tDx7a490LKQvdkMiBIiAtY3RRXm
MMU11zSKEPzu88ewwwefrfewmauPEvJdo4VeVhGTkwahJeXhZ7EKZXCd3tU",
    "password": "jdkwq01276329021"
}
```

Response:

```
{
    "expires_in": 86400,
    "access_token": "UzzsJPCP51uf4ve0RZX5NHXjAC1qOw",
    "country": "sn",
    "token_type": "Bearer"
}
```

Cashout

POST: api/partner/cashout/

Headers

Authorization: Bearer TOKEN

Content-Type: application/json

Body

```
{
    "agentpin": "1001",
    "amount": "10",
    "external_id": "8372424",
    "agentmsisdn": "707511503",
    "usermsisdn": "778044429",
    "partner_id": "74838747883098390",
    "country": "sn"
}
```

Response:

```
{
    "ExternalID": "12345",
    "status": "PENDING",
    "Operation": "Initiate Payment"
}
```

CallBack

●Method: POST

● Content-Type: (application/json)

● For this api, we don't need a token

 call_back_url: String, (votre URL de Call Back)

● The request and response will look like this:

```
{
  "service": "String", (wizall Money)
  "external_id": "String", (external_id)
  "status": "String", ( COMPLETED ou FAILED)
  "partner_transaction_id": "String"
 }
```

Exemple:

```
{
'status': 'COMPLETED',
'external_id': '787656',
 'partner_transaction_id': '3092415',
 'service': 'WIZALL MONEY'
 }
```

Transfert Cash

POST: api/transfert/cash/

Headers

Authorization: Bearer TOKEN

Content-Type: application/json

Body

```json
{

    "agent_msisdn": "707511503",

    "customer_first_name": "test",

    "customer_last_name": "test",

    "customer_phone_number": "778044429",

    "customer_sender_email": "Your email address",

    "kyc_number": "kzfi",

    "kyc_type": "2",

    "montant": "100",

    "agent_pin": "1001",

    "country": "sn",

    "receiver_first_name": "jdkd",

    "receiver_last_name": "kdkd",

    "receiver_phone_number": "781220210",

    "external_trx_id": "781GUK"

}
```

Response

```json
{
    "currency_code": 952,
    "paid_value_currency_code": 952,
    "code": "",
    "id": 3767870,
    "value": "100.0",
    "status": "valid",
    "commission": "1",
    "fee": "5",
    "timestamp": "2020-05-06T16:29:32",
    "paid_value": 105,
    "is_cash": 0
}
```

NB: If the **receiver_phone_number** has a wallet , we will have the following response:

```json
{
    "transactionid": "3770686",
    "timestamp": "2020-05-08T14:11:41",
    "commission": "0.0",
    "fees": "25",
    "amount": 100,
    "Operation": "Cashin"
}
```

Status Bon Cash

POST: **api/**statut/bon/cash/

Headers

Authorization: Bearer TOKEN

Content-Type: application/json

Body

```
{
        "agent_msisdn": "707511503",
         "agent_pin": "1001",
          "transaction_id":"2559436",
        "country": "sn"
          }
```

Response

```
            {
               "ReedemWalletType": "",
               "Operation": "Check_status_bon_cash",
               "ReedemPhone": "",
               "ReedemTransactionID": "",
               "ReceiverPhone": "74777816",
               "SenderPhone": "707511503",
               "transactionid": "2559436",
               "ReedemTime": "",
               "TokenStatus": "Initiated",
               "Amount": "100.000000"
            }
```

Change Pin

POST: api/updatepin/

Headers

Authorization: Bearer TOKEN

Content-Type: application/json

Body

```
{

     "agent_pin":"1001",

     "new_pin":"1001",

      "agent_msisdn": "707511503"

     }
```

Response

```
{

   "Operation": "Change Pin",

   "message": "Your pin has been succesfully changed"

               }
```

Historique

POST**:** api/transactions/list/

N.B: **trans_id**: it allows you to search for the transaction you want to see.

sd and **ed** are optional

Headers

Authorization: Bearer TOKEN

Content-Type: application/json

Body

```
{
    "agent_msisdn": "707511503",
    "agent_pin":"",
    "trans_id": "3118646",
    "country": "sn",
    "sd": "22/04/2020",
    "ed": "22/04/2020"
}
```

Response

[

  {

    "type": "BON_CASH",

    "sender": "707511503",

    "frais": 5,

    "external_info": "7665252",

    "external_comment_create": "Createvoucher||.|707511503|idcard||||708428195|Bon Achat||",

    "datetransformatted": "22-04-2020 12:30",

    "external_comment": "Createvoucher||.|707511503|idcard||||708428195|Bon Achat||",

    "id": 3118646,

    "receiver": "708428195",

    "amount": 100,

    "commissions": "1",

    "datetrans": "2020-04-22T12:30:27",

    "timestamp": "2020-04-22T12:30:27"

  }

]