Typescript-AWS-app

In this document you will find information about how to run the project and how to use the API.

To run this project, it's necessary install node.js and in your PC, you can download a node installer in this page:

https://nodejs.org/en/download/package-manager

After that you can install serverless framework with the command:

npm i serverless -g

Then in the root of the project use the command:

npm install

This command is for install all the dependencies of the project.

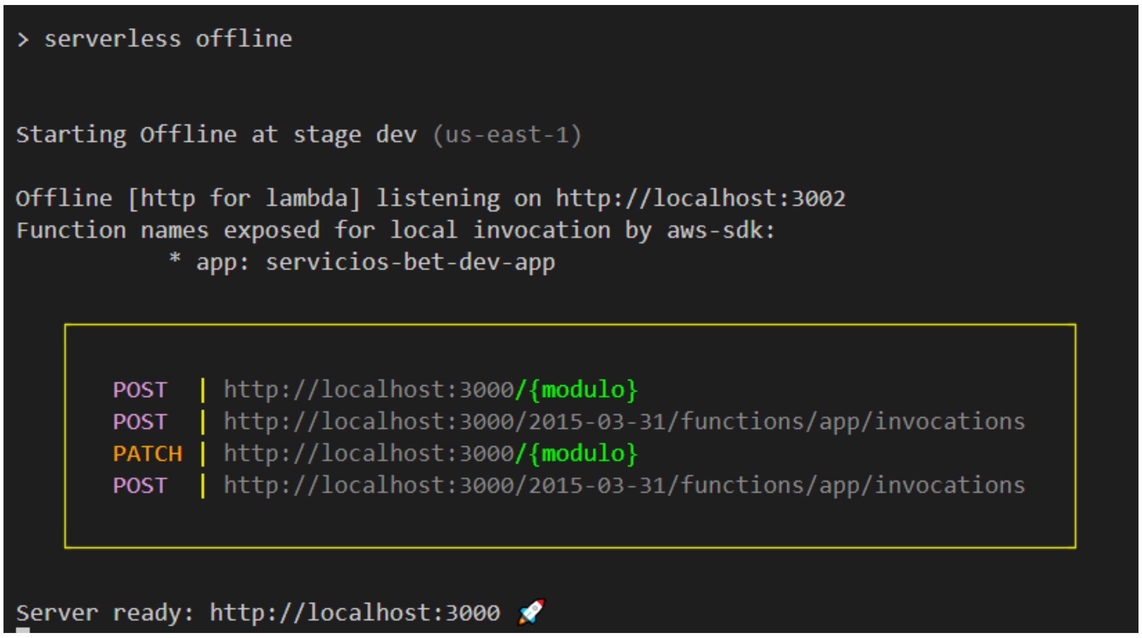
Then in the .env file you will have to fill up all the keys, you will need an AWS account to get the ACCESS_KEY_ID and SECRET_ACCESS_KEY, also you will need an deployed MySQL instance, you can use the RDS service of AWS, after deploy your DB instance you have to put the database credentials (host, user, password, database) in the .env file.

In your MySQL manager (SQLyog, Workbench) you have to execute the queries in the db_structure.sql file, it's necessary do this before start the project.

Now you can start the project in your local PC with the command:

npm run dev

You will see this message when the project is ready to use:



```
> serverless offline


Starting Offline at stage dev (us-east-1)

Offline [http for lambda] listening on http://localhost:3002
Function names exposed for local invocation by aws-sdk:
           * app: servicios-bet-dev-app


       POST  | http://localhost:3000/{modulo}
       POST  | http://localhost:3000/2015-03-31/functions/app/invocations
       PATCH | http://localhost:3000/{modulo}
       POST  | http://localhost:3000/2015-03-31/functions/app/invocations


Server ready: http://localhost:3000 🚀
```

In the Typescrit-aws.postman_collection file you can consume the Api in your local, you will see the endpoints.

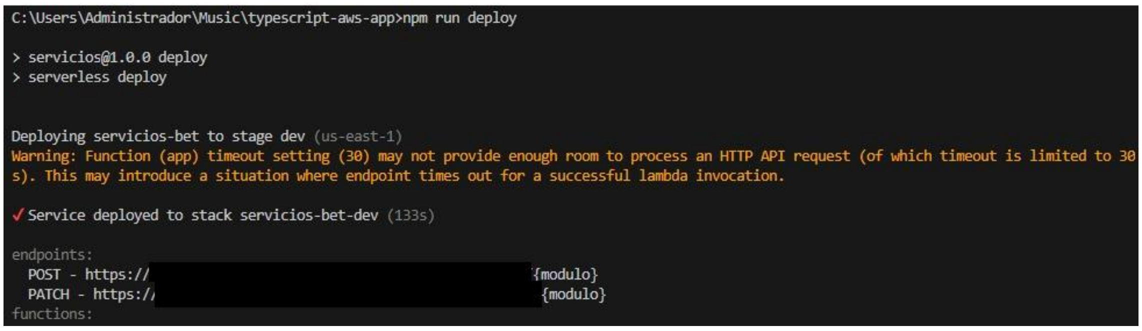
Also there is a swagger where you can use the API in any moment, this is already deployed in AWS:

https://app.swaggerhub.com/apis-docs/BRANDONVASQUEZBARRET/Test/1.0.0#/

To deploy in AWS, you must use the command:

npm run deploy

You will see this message when the project is deployed in AWS:



```
C:\Users\Administrador\Music\typescript-aws-app>npm run deploy

> servicios@1.0.0 deploy
> serverless deploy


Deploying servicios-bet to stage dev (us-east-1)
Warning: Function (app) timeout setting (30) may not provide enough room to process an HTTP API request (of which timeout is limited to 30
s). This may introduce a situation where endpoint times out for a successful lambda invocation.

✓ Service deployed to stack servicios-bet-dev (133s)

endpoints:
  POST - https://[redacted]{modulo}
  PATCH - https://[redacted]{modulo}
functions:
```

The consume is the same, only you have to replace http://localhost:3000/ with https://xxxxxxxxx.execute-api.us-east-1.amazonaws.com/

This AWS link is generated when the project is deployed.

Endpoints:

/login

It's necessary log in to use all the endpoints, you can use these credentials:

User: brandon

Password: 12345

Request:

```
{
    "user":"brandon",
    "password":"12345"
}
```

Expected response:

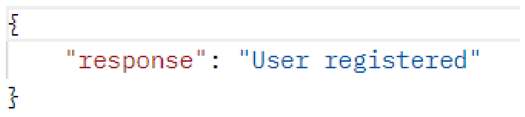
```
{
    "response":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5IiwiZXhwIjoxNzE3
OTk3MjYwLCJpYXQiOjE3MTc5MTA4NjB9.vK1ascCx04pLhnHSB3MeHaRx_tGBn7TEFJVlSWR1pUI"
}
```

/registerUser

Request:

```
{
    "user":"Hugo",
    "password":"12345",
    "first_name":"Hugo",
    "last_name":"Sanchez",
    "phone":"3157789945",
    "email":"hsanchez@gmail.com",
    "address":"Cra 15 #80-50",
    "gender":"M",
    "birth_date":"1996-07-07",
    "country":"Colombia",
    "city":"Bogota",
    "document_id":"123456789"
}
```

Expected response:



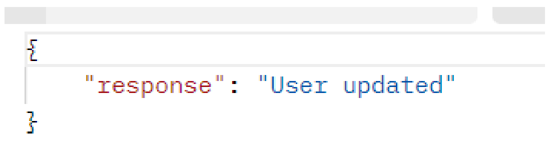
```
{
    "response": "User registered"
}
```

/updateUser

Request:

```
{
    "first_name":"Carlos",
    "last_name":"Velez",
    "phone":"3002154444",
    "address":"Cra 15 #80-51",
    "gender":"M",
    "birth_date":"1996-07-07",
    "country":"Colombia",
    "city":"Bogota",
    "document_id":"123456789",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODgyNDAzLCJpYXQiOjE3MTc3OTYwMDN9.Vj_NqNoyfDcVayCMuFlPak61IJAQKBI2e
rcAwJ3YZ8s"
}
```

Expected response:



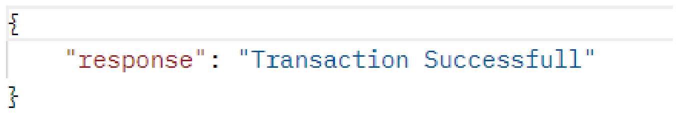
```
{
    "response": "User updated"
}
```

/deposit

Request:

```
{
    "amount":2000,
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODA1MjY5LCJpYXQiOjE3MTc3MTg4Njl9.iG4W8ILa1qw777amLpXLUVZ2HO2xhp4uh
tTJpSLmEXM"
}
```

Expected response:



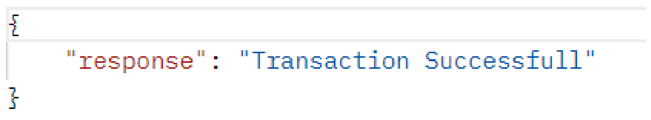
```
{
    "response": "Transaction Successfull"
}
```

/withdraw

Request:

```
{
    "amount":2000,
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODA1MjY5LCJpYXQiOjE3MTc3MTg4Njl9.iG4W8ILa1qw777amLpXLUVZ2HO2xhp4uh
tTJpSLmEXM"
}
```

Expected response:



```
{
    "response": "Transaction Successfull"
}
```

/userBalance

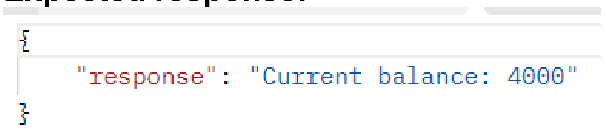
Request for users:

```
{
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODk3MDgzLCJpYXQiOjE3MTc4MTA2ODN9.AkbjPlc7Nw-eLSO03N8sI-
wLV7O0DucEBC8i10S2_Jk"
}
```

Request for admins:

```
{
    "user_id":3,
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODk3MDgzLCJpYXQiOjE3MTc4MTA2ODN9.AkbjPlc7Nw-eLSO03N8sI-
wLV7O0DucEBC8i10S2_Jk"}
```

Expected response:



```
{
    "response": "Current balance: 4000"
}
```

/transactions

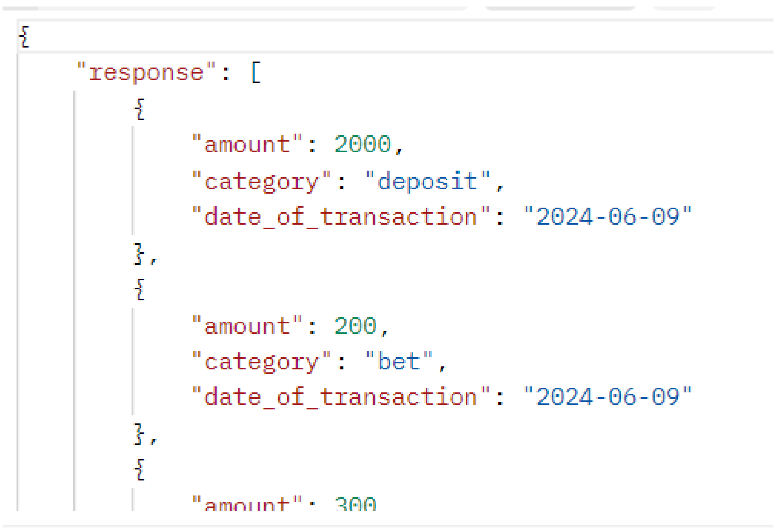
Request for users:

```
{
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODgyNDAzLCJpYXQiOjE3MTc3OTYwMDN9.Vj_NqNoyfDcVayCMuFlPak61IJAQKBI2e
rcAwJ3YZ8s"
}
```

Request for admins:

```
{
    "user_id":2,
    "category":"bet",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3ODgyNDAzLCJpYXQiOjE3MTc3OTYwMDN9.Vj_NqNoyfDcVayCMuFlPak61IJAQKBI2e
rcAwJ3YZ8s"
}
```

Expected response:



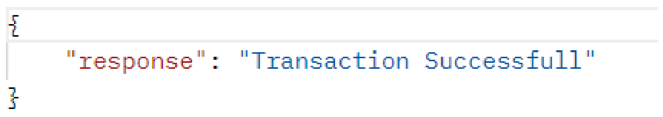
```
{
    "response": [
        {
            "amount": 2000,
            "category": "deposit",
            "date_of_transaction": "2024-06-09"
        },
        {
            "amount": 200,
            "category": "bet",
            "date_of_transaction": "2024-06-09"
        },
        {
            "amount": 300
```

/eventBet

Request:

```
{
    "amount": 200,
    "option":1,
    "event_id":"000001",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTk1ODI2LCJpYXQiOjE3MTc5MDk0MjZ9.FJlbLqbILheXrI374g9u2GKo9smikSExW
cWTQNu8VB8"
}
```

Expected response:



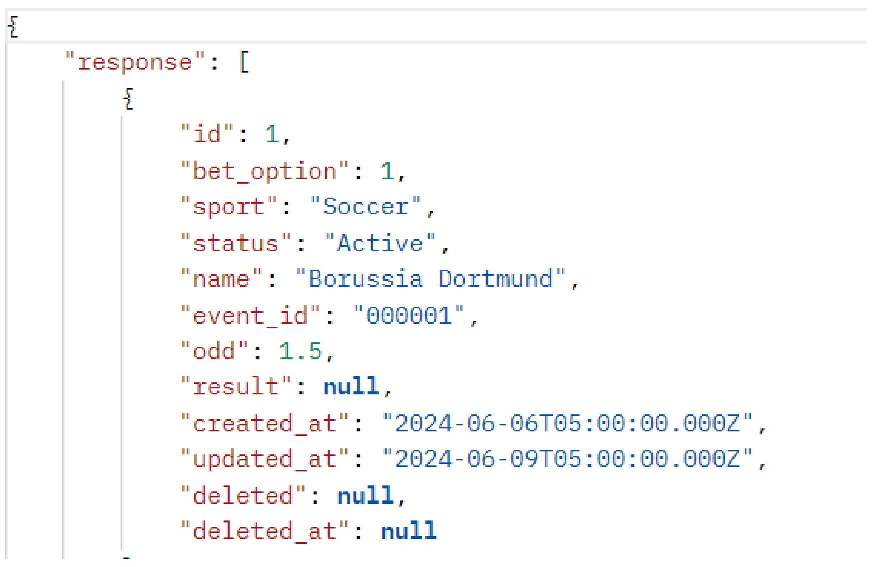
```
{
    "response": "Transaction Successfull"
}
```

/listBets

Request:

```
{
    "event_id":"000001",
    "sport":"Soccer",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTk1ODI2LCJpYXQiOjE3MTc5MDk0MjZ9.FJlbLqbILheXrI374g9u2GKo9smikSExW
cWTQNu8VB8"
}
```

Expected response:



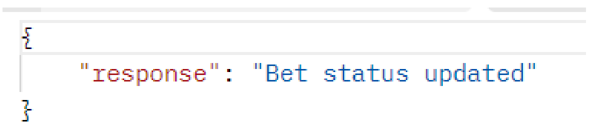
```
{
    "response": [
        {
            "id": 1,
            "bet_option": 1,
            "sport": "Soccer",
            "status": "Active",
            "name": "Borussia Dortmund",
            "event_id": "000001",
            "odd": 1.5,
            "result": null,
            "created_at": "2024-06-06T05:00:00.000Z",
            "updated_at": "2024-06-09T05:00:00.000Z",
            "deleted": null,
            "deleted_at": null
```

/updateBetStatus

Request:

```
{
    "event_id":"000001",
    "status":"Active",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTk3MjYwLCJpYXQiOjE3MTc5MTA4NjB9.vK1ascCx04pLhnHSB3MeHaRx_tGBn7TEF
JVlSWR1pUI"
}
```

Expected response:



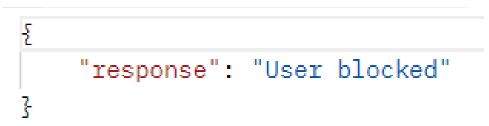
```
{
    "response": "Bet status updated"
}
```

/blockUser

Request:

```
{
    "user_id":"3",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTk3MjYwLCJpYXQiOjE3MTc5MTA4NjB9.vK1ascCx04pLhnHSB3MeHaRx_tGBn7TEF
JVlSWR1pUI"
}
```

Expected response:



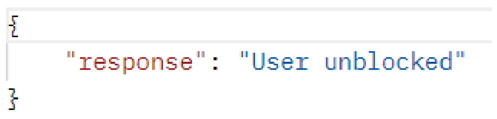
```
{
    "response": "User blocked"
}
```

/unblockUser

Request:

```
{
    "user_id":"3",
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTk3MjYwLCJpYXQiOjE3MTc5MTA4NjB9.vK1ascCx04pLhnHSB3MeHaRx_tGBn7TEF
JVlSWR1pUI"
}
```

Expected response:



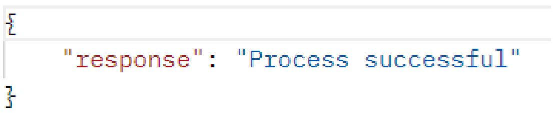
```
{
    "response": "User unblocked"
}
```

/settleBet

Request:

```
{
    "event_id":"000001",
    "winner_option":1,
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTk3MjYwLCJpYXQiOjE3MTc5MTA4NjB9.vK1ascCx04pLhnHSB3MeHaRx_tGBn7TEF
JVlSWR1pUI"
}
```

Expected response:



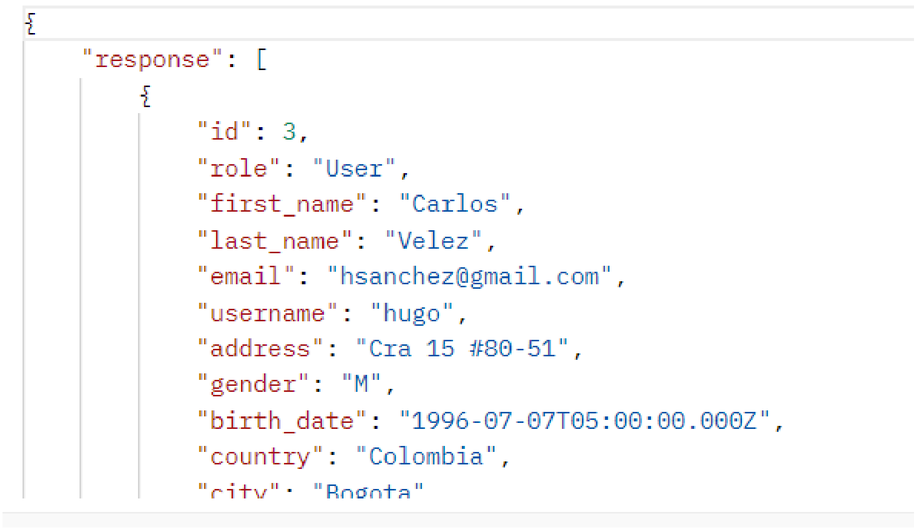
```
{
    "response": "Process successful"
}
```

/listUsers

Request:

```
{
    "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJwdWJsaWNfa2V5Iiwi
ZXhwIjoxNzE3OTYyNzE1LCJpYXQiOjE3MTc4NzYzMTV9.yniw4otwRRDzXKnIwEsHNkh1xjZLWHFdn
CDhkox-iII"
}
```

Expected response:



```
{
    "response": [
        {
            "id": 3,
            "role": "User",
            "first_name": "Carlos",
            "last_name": "Velez",
            "email": "hsanchez@gmail.com",
            "username": "hugo",
            "address": "Cra 15 #80-51",
            "gender": "M",
            "birth_date": "1996-07-07T05:00:00.000Z",
            "country": "Colombia",
            "city": "Bogota"
```