**Installation Instructions**

1. Clone the project from gitlab:
2. Go into the docker-symfony folder: *cd docker-symfony*
3. Build the docker container: *docker-compose build*
4. Start the docker container: *docker-compose up -d*
5. Run the doctrine migrations: *sf3 doctrine:migrations:migrate*
6. Launch docker php bash: *docker-compose exec php bash*
7. Install composer dependencies: *composer install*
8. Finally,find your docker ip using this command:

*sudo echo $(docker network inspect bridge | grep Gateway | grep -o -E '[0-9\.]+')*

1. You will need to use the ip returned to access the endpoints.
2. Run a docker ps -a
3. Check on which port the *dockersymfony\_nginx\_1* container is running. You will need this to access endpoints

Example:

*POST http://127.0.0.1:80/customer/:customer\_id*

**Endpoint Documentation**

1. Registering a new customer

|  |  |  |
| --- | --- | --- |
| Endpoint Route / Url | http://127.0.0.1:80/customer | |
| Method | POST | |
| Post Body | {  "firstname" : "bryan",  "gender": "male | female",  "lastname": "borg",  "country": "fr",  "email": "bryborg@gmail.com"  } | |
| Response Code | | |
| 200 | {  "id": 3,  "gender": "male",  "first\_name": "bryan",  "last\_name": "borg",  "country": "fr",  "email": "bryborg@gmail.com",  "bonus": 5  } | |
| 400 | Invalid Input | Missing parameters  Invalid Country  Invalid Email  Non unique Email |
| 500 | Internal Error |  |

1. Editing a customer

|  |  |  |
| --- | --- | --- |
| Endpoint Route / Url | http://127.0.0.1:80/customer/:customer\_id | |
| Method | PUT | |
| Post Body | {  "firstname" : "bryan",  "gender": "male | female",  "lastname": "borg",  "country": "fr",  "email": "bryborg@gmail.com"  }  Note: The body params are optional. You can update only of the the details, if you want to. The bonus is not updatable. | |
| Response Code | | |
| 200 | {  "id": 3,  "gender": "male",  "first\_name": "bryan",  "last\_name": "borg",  "country": "fr",  "email": "bryborg@gmail.com",  "bonus": 5  } | |
| 400 | Invalid Input | Missing parameters  Invalid Country  Invalid Email  Non unique Email |
| 500 | Internal Error |  |

1. Depositing money

|  |  |  |
| --- | --- | --- |
| Endpoint Route / Url | http://127.0.0.1:80/deposit/:customer\_id | |
| Method | POST | |
| Post Body | {  "amount" : "50.0",  "currency": "EUR"  } | |
| Response Code | | |
| 200 | {  "id": 6,  "customer\_id": 3,  "real\_deposit\_amount": 50,  "bonus\_deposit\_amount": 2.5  } | |
| 400 | Invalid Input | Missing parameters  Unsupported Currency  Invalid deposit amount  Invalid customer id |
| 500 | Internal Error |  |

1. Withdrawing money

|  |  |  |
| --- | --- | --- |
| Endpoint Route / Url | http://127.0.0.1:80/withdrawal/:customer\_id | |
| Method | POST | |
| Post Body | {  "amount" : "50.0",  "currency": "EUR"  } | |
| Response Code | | |
| 200 | {  "id": 6,  "customer\_id": 3,  "real\_deposit\_amount": 50,  "bonus\_deposit\_amount": 2.5  } | |
| 400 | Invalid Input | Missing parameters  Unsupported Currency  Invalid amount  Invalid customer id  Insufficient Balance |
| 500 | Internal Error |  |

1. Statistics / Reporting

|  |  |  |
| --- | --- | --- |
| Endpoint Route / Url | <http://127.0.0.1:80/statistics?dateFrom=Y-m-d&dateTo=Y-m-d>  Example:  ?dateFrom=2018-01-01&dateTo=2018-01-10  Note: If no dates are specified a default of - 7 days is applied | |
| Method | GET | |
| Response Code | | |
| 200 | {  "txDate": "2018-01-10",  "country": "fr",  "unique\_customers": "1",  "number\_of\_deposits": "3",  "number\_of\_withdrawals": "0",  "total\_amount\_deposits": "150",  "total\_amount\_withdrawals": "0"  },  {  "txDate": "2018-01-10",  "country": "mt",  "unique\_customers": "2",  "number\_of\_deposits": "3",  "number\_of\_withdrawals": "3",  "total\_amount\_deposits": "100",  "total\_amount\_withdrawals": "98"  } | |
| 400 | Invalid Input | Invalid Date |
| 500 | Internal Error |  |