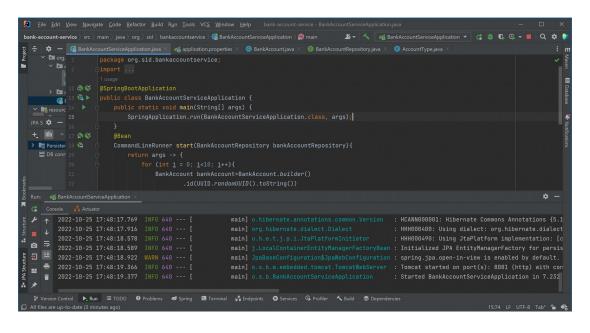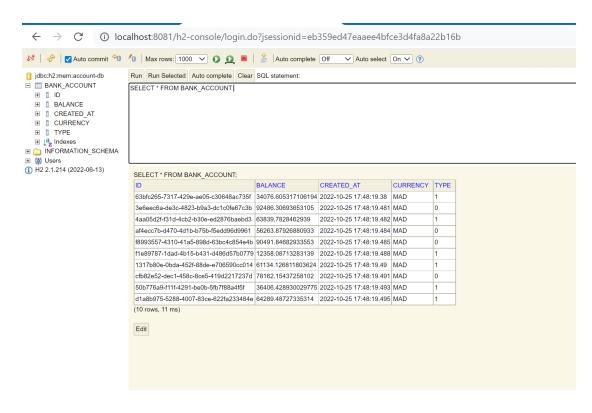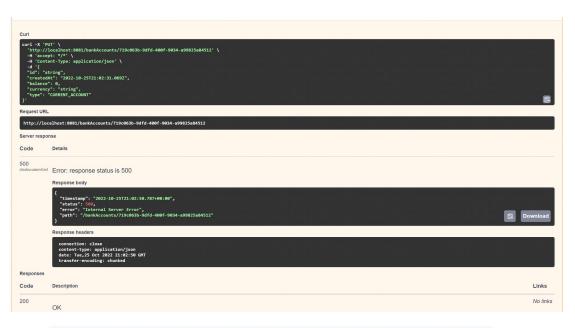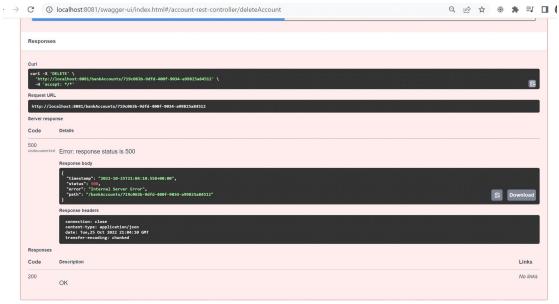# TP2 : REST

```json
[
    {
        "id": "719c063b-9dfd-400f-9034-a99825a84512",
        "createdAt": "2022-10-25T19:02:07.258+00:00",
        "balance": 18061.372364885858,
        "currency": "MAD",
        "type": "CURRENT_ACCOUNT"
    },
    {
        "id": "2acd2c80-fb10-4770-8a64-b359a0749606",
        "createdAt": "2022-10-25T19:02:07.353+00:00",
        "balance": 69236.39796375722,
        "currency": "MAD",
        "type": "CURRENT_ACCOUNT"
    },
    {
        "id": "40f36e8d-7626-486c-966e-e09ed364c23a",
        "createdAt": "2022-10-25T19:02:07.355+00:00",
        "balance": 61837.31149177757,
        "currency": "MAD",
        "type": "SAVING_ACCOUNT"
    },
    {
        "id": "9c3b5111-2a75-4b10-961c-4ae897775fe7",
        "createdAt": "2022-10-25T19:02:07.356+00:00",
        "balance": 44337.11373877605,
        "currency": "MAD",
        "type": "CURRENT_ACCOUNT"
    },
    {
        "id": "d5e102f8-1320-4690-a68e-de6a3c36bc64",
        "createdAt": "2022-10-25T19:02:07.358+00:00",
        "balance": 54074.03048936369,
        "currency": "MAD",
        "type": "CURRENT_ACCOUNT"
    },
    {
        "id": "b5356e5d-edc8-4aa3-a214-9eff06e6add0",
        "createdAt": "2022-10-25T19:02:07.360+00:00",
        "balance": 11950.771105476128,
        "currency": "MAD",
        "type": "CURRENT_ACCOUNT"
```

string
(path)   719c063b-9dfd-400f-9034-a99825a84512

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8081/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:8081/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512
```

Server response

Code	Details
500 *Undocumented*	Error: response status is 500

Response body

```json
{
  "timestamp": "2022-10-25T20:59:34.163+00:00",
  "status": 500,
  "error": "Internal Server Error",
  "path": "/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512"
}
```

Response headers

```
connection: close
content-type: application/json
date: Tue,25 Oct 2022 20:59:34 GMT
transfer-encoding: chunked
```

Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:8081/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "id": " string",
  "createdAt": "2022-10-25T21:02:31.069Z",
  "balance": 0,
  "currency": "string",
  "type": "CURRENT_ACCOUNT"
}'
```

Request URL

```
http://localhost:8081/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512
```

Server response

Code	Details
500 *Undocumented*	Error: response status is 500

Response body
```
{
  "timestamp": "2022-10-25T21:02:50.787+00:00",
  "status": 500,
  "error": "Internal Server Error",
  "path": "/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512"
}
```
Download

Response headers
```
connection: close
content-type: application/json
date: Tue,25 Oct 2022 21:02:50 GMT
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	OK	*No links*

Responses

Curl

```
curl -X 'DELETE' \
  'http://localhost:8081/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:8081/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512
```

Server response

Code	Details
500 *Undocumented*	Error: response status is 500

Response body
```
{
  "timestamp": "2022-10-25T21:04:10.558+00:00",
  "status": 500,
  "error": "Internal Server Error",
  "path": "/bankAccounts/719c063b-9dfd-400f-9034-a99825a84512"
}
```
Download

Response headers
```
connection: close
content-type: application/json
date: Tue,25 Oct 2022 21:04:10 GMT
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	OK	*No links*

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8081/bankAccounts' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "id": "string",
  "createdAt": "2022-10-25T21:05:12.995Z",
  "balance": 0,
  "currency": "string",
  "type": "CURRENT_ACCOUNT"
}'
```

Request URL

```
http://localhost:8081/bankAccounts
```

Server response

Code	Details
200	**Response body**

```
{
  "id": "cde1e597-f29f-4045-ae47-4c51d94a8f91",
  "createdAt": "2022-10-25T21:05:12.995+00:00",
  "balance": 0,
  "currency": "string",
  "type": "CURRENT_ACCOUNT"
}
```

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue,25 Oct 2022 21:05:19 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

Code	Description	Links

```
{
    "_embedded": {
        "bankAccounts": [
            {
                "createdAt": "2022-10-29T11:58:18.093+00:00",
                "balance": 75076.74188881436,
                "currency": "MAD",
                "type": "CURRENT_ACCOUNT",
                "_links": {
                    "self": {
                        "href": "http://localhost:8081/bankAccounts/ae7e0540-55e5-416b-8042-018b9cb58429"
                    },
                    "bankAccount": {
                        "href": "http://localhost:8081/bankAccounts/ae7e0540-55e5-416b-8042-018b9cb58429"
                    }
                }
            }
        ]
    },
    "_links": {
        "first": {
            "href": "http://localhost:8081/bankAccounts?page=0&size=1"
        },
        "self": {
            "href": "http://localhost:8081/bankAccounts?page=0&size=1"
        },
        "next": {
            "href": "http://localhost:8081/bankAccounts?page=1&size=1"
        },
        "last": {
            "href": "http://localhost:8081/bankAccounts?page=9&size=1"
        },
        "profile": {
            "href": "http://localhost:8081/profile/bankAccounts"
        }
    },
    "page": {
        "size": 1,
        "totalElements": 10,
        "totalPages": 10,
        "number": 0
    }
}
```

```
{
    "_embedded": {
        "bankAccounts": []
    },
    "_links": {
        "self": {
            "href": "http://localhost:8081/bankAccounts/search/findByType?type=CURRENT_ACCOUNT"
        }
    }
}
```

```
▼ {
    ▼ "_embedded": {
        ▼ "bankAccounts": [
            ▼ {
                    "createdAt": "2022-10-29T12:10:12.874+00:00",
                    "balance": 13870.38367766841,
                    "currency": "MAD",
                    "type": "SAVING_ACCOUNT",
                ▼ "_links": {
                    ▼ "self": {
                            "href": "http://localhost:8081/bankAccounts/52ba7b04-5e18-4174-83ae-f2474b13e803"
                        },
                    ▼ "bankAccount": {
                            "href": "http://localhost:8081/bankAccounts/52ba7b04-5e18-4174-83ae-f2474b13e803{?projection}",
                            "templated": true
                        }
                    }
                },
            ▼ {
                    "createdAt": "2022-10-29T12:10:12.995+00:00",
                    "balance": 81868.52279945787,
                    "currency": "MAD",
                    "type": "SAVING_ACCOUNT",
                ▼ "_links": {
                    ▼ "self": {
                            "href": "http://localhost:8081/bankAccounts/542f1a77-aedd-4bc6-af62-883874fffe6f"
                        },
                    ▼ "bankAccount": {
                            "href": "http://localhost:8081/bankAccounts/542f1a77-aedd-4bc6-af62-883874fffe6f{?projection}",
                            "templated": true
                        }
                    }
                },
            ▼ {
                    "createdAt": "2022-10-29T12:10:12.997+00:00",
                    "balance": 23288.927140024338,
                    "currency": "MAD",
                    "type": "CURRENT_ACCOUNT",
                ▼ "_links": {
                    ▼ "self": {
                            "href": "http://localhost:8081/bankAccounts/5a9839ab-4d77-483f-ba07-8df60ef17b1b"
                        },
```

POST /api/bankAccounts

Parameters

Try it out

No parameters

Request body required

application/json

Example Value | Schema

```
{
    "balance": 0,
    "currency": "string",
    "type": "CURRENT_ACCOUNT"
}
```

Responses

Code	Description	Links
200	OK	No links

Media type

/

Controls Accept header

Example Value | Schema

```
{
    "id": "string",
    "createdAt": "2022-10-30T11:05:47.047Z",
    "balance": 0,
    "currency": "string",
    "type": "CURRENT_ACCOUNT"
}
```

Schemas

BankAccount >

BankAccountRequestDTO >

BankAccountResponseDTO >

No parameters

Request body required

application/json ▼

```
{
  "balance": 900,
  "currency": "DH",
  "type": "CURRENT_ACCOUNT"
}
```

Execute	Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8081/api/bankAccounts' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "balance": 900,
  "currency": "DH",
  "type": "CURRENT_ACCOUNT"
}'
```

Request URL

```
http://localhost:8081/api/bankAccounts
```

Server response

Code	Details
500 Undocumented	Error: response status is 500

Response body

```
{
  "timestamp": "2022-10-30T11:42:35.287+00:00",
  "status": 500,
  "error": "Internal Server Error",
  "path": "/api/bankAccounts"
}
```

Download

Response headers

```
connection: close
content-type: application/json
date: Sun,30 Oct 2022 11:42:35 GMT
transfer-encoding: chunked
```

Responses

Code	Description	Links