# Lendico plan generator  Version 1.0 - mw
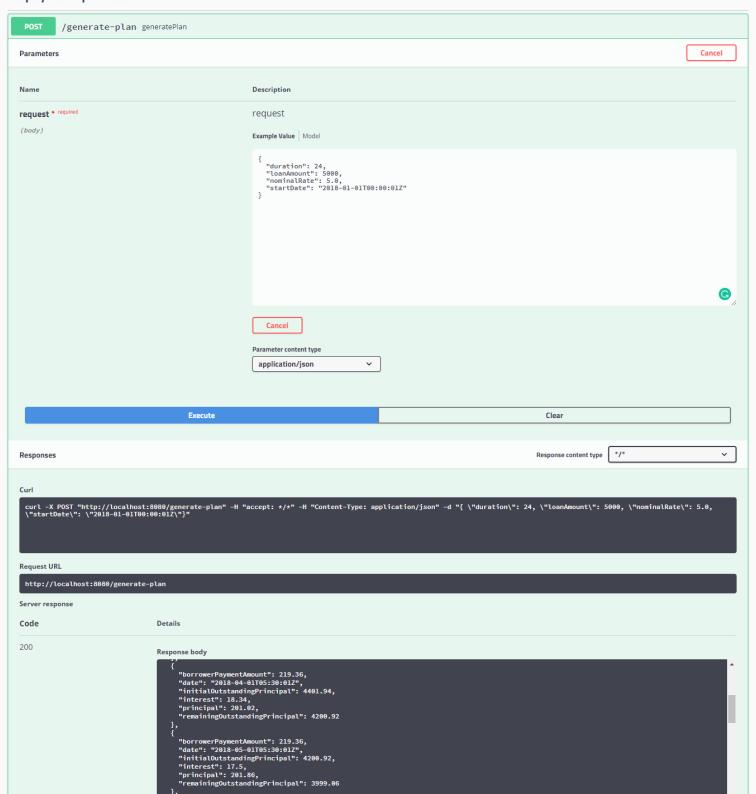
[ Base URL: localhost:8080/ ]

http://localhost:8080/v2/api-docs

Inform borrowers about the final repayment schedule.

Terms of service

Apache 2.0

## repayment-plan-controller  Repayment Plan Controller  ⌄

| POST | /generate-plan generatePlan |
| --- | --- |

| Parameters | Cancel |
| --- | --- |

| Name | Description |
| --- | --- |
| **request** * required<br>*(body)* | request<br><br>**Example Value** \| Model<br><br>```json<br>{<br>    "duration": 24,<br>    "loanAmount": 5000,<br>    "nominalRate": 5.0,<br>    "startDate": "2018-01-01T00:00:01Z"<br>}<br>```<br><br>Cancel<br><br>**Parameter content type**<br>[ application/json ▼ ] |

| Execute | Clear |
| --- | --- |

| Responses | Response content type [ */* ▼ ] |
| --- | --- |

**Curl**

```
curl -X POST "http://localhost:8080/generate-plan" -H "accept: */*" -H "Content-Type: application/json" -d "{ \"duration\": 24, \"loanAmount\": 5000, \"nominalRate\": 5.0,
\"startDate\": \"2018-01-01T00:00:01Z\"}"
```

**Request URL**

```
http://localhost:8080/generate-plan
```

**Server response**

| Code | Details |
| --- | --- |
| 200 | **Response body**<br><br>```json<br>    },<br>    {<br>        "borrowerPaymentAmount": 219.36,<br>        "date": "2018-04-01T05:30:01Z",<br>        "initialOutstandingPrincipal": 4401.94,<br>        "interest": 18.34,<br>        "principal": 201.02,<br>        "remainingOutstandingPrincipal": 4200.92<br>    },<br>    {<br>        "borrowerPaymentAmount": 219.36,<br>        "date": "2018-05-01T05:30:01Z",<br>        "initialOutstandingPrincipal": 4200.92,<br>        "interest": 17.5,<br>        "principal": 201.86,<br>        "remainingOutstandingPrincipal": 3999.06<br>    },<br>``` |

```
    {
      "borrowerPaymentAmount": 219.36,
      "date": "2018-06-01T05:30:01Z",
      "initialOutstandingPrincipal": 3999.06,
      "interest": 16.66,
      "principal": 202.7,
      "remainingOutstandingPrincipal": 3796.36
    },
    {
      "borrowerPaymentAmount": 219.36,
```

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**Response headers**

```
content-type: application/json;charset=UTF-8
date: Wed, 25 Dec 2019 09:52:28 GMT
transfer-encoding: chunked
```

**Responses**

| Code | Description |
| --- | --- |
| 200 | *OK* |

Example Value | Model

```
[
  {
    "borrowerPaymentAmount": 0,
    "date": "2019-12-25T09:52:28.116Z",
    "initialOutstandingPrincipal": 0,
    "interest": 0,
    "principal": 0,
    "remainingOutstandingPrincipal": 0
  }
]
```

| Code | Description |
| --- | --- |
| 201 | *Created* |
| 401 | *Unauthorized* |
| 403 | *Forbidden* |
| 404 | *Not Found* |

**Models**    >

```
    "borrowerPaymentAmount": 219.36,
    "date": "2018-06-01T05:30:01Z",
    "initialOutstandingPrincipal": 3999.06,
    "interest": 16.66,
    "principal": 202.7,
    "remainingOutstandingPrincipal": 3796.36
    },
    {
      "borrowerPaymentAmount": 219.36,
```

```
content-type: application/json;charset=UTF-8
```