PayUp API 1.0 OAS 3.1
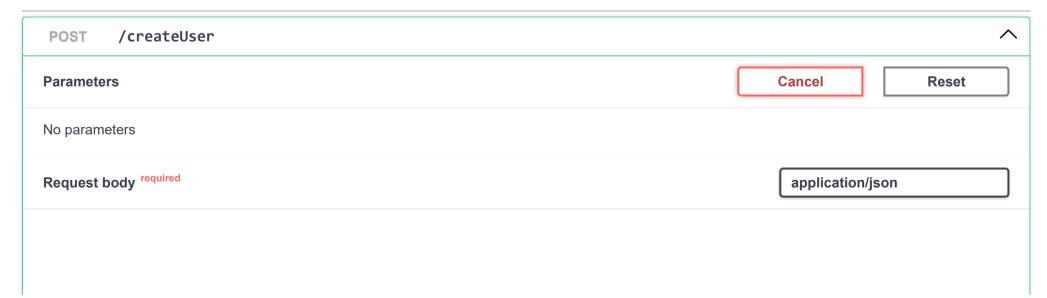
/v3/api-docs

API documentation for PayUp

Servers

http://localhost:8080 - Generated server url

expense-api-controller

POST /createUser

Parameters Cancel Reset

No parameters

Request body required application/json

```json
{
  "userName": "anuraggupta",
  "email": "anurag@gmail.com",
  "password": "anurag"
}
```

Execute	Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/createUser' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "userName": "anuraggupta",
  "email": "anurag@gmail.com",
  "password": "anurag"
}'
```

Request URL

```
http://localhost:8080/createUser
```

Server response

Code	Details

200	**Response body**
	
	``
	{
	  "message": "Sign up successful"
	}
	``
	
	Download
	
	Response headers
	
	``
	connection: keep-alive
	content-type: application/json
	date: Tue,12 Aug 2025 18:54:50 GMT
	keep-alive: timeout=60
	transfer-encoding: chunked
	``

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
{}
```

POST   **/createGroup**   ⌃

Parameters

Cancel   Reset

No parameters

Request body ^{required}

```
{
  "groupName": "room224",
  "createdBy": "agrox29",
  "members": [
    "Harsh", "Akash","gupta"
  ]
}
```

application/json

Execute	Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/createGroup' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "groupName": "room224",
  "createdBy": "agrox29",
```

```
      "members": [
        "Harsh", "Akash","gupta"
      ]
    }'
```

Request URL

```
  http://localhost:8080/createGroup
```

Server response

Code	Details
200	**Response body**

```
  {
    "data": "Group{id=6, name='room224', createdBy=9}",
    "message": "Group creation successful"
  }
```

Download

Response headers

```
  connection: keep-alive
  content-type: application/json
  date: Tue,12 Aug 2025 19:02:02 GMT
  keep-alive: timeout=60
  transfer-encoding: chunked
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value Schema

```
{}
```

POST **/addExpense** ⌃

Parameters		Cancel	Reset

No parameters

Request body ^{required}

application/json

```
{
  "groupName": "room224",
  "amount": 1000,
  "description": "electricity bill",
  "createdBy": "agrox29",
  "users": [
    {
      "userName": "Harsh",
      "paid": 0,
      "owed": 200
    },
    {
      "userName": "Akash",
      "paid": 0,
      "owed": 500
    },
    {
      "userName": "agrox29",
      "paid": 0,
      "owed": 300
```
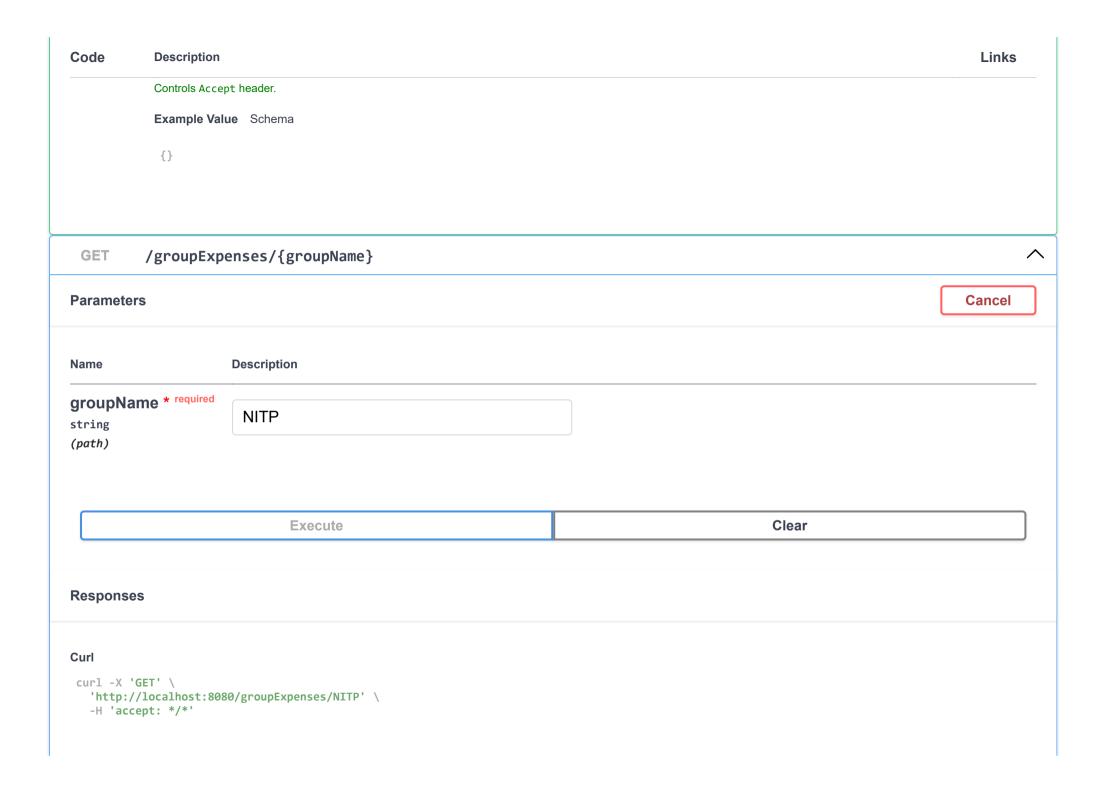
Execute   Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/addExpense' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "groupName": "room224",
  "amount": 1000,
  "description": "electricity bill",
  "createdBy": "agrox29",
  "users": [
    {
      "userName": "Harsh",
      "paid": 0,
      "owed": 200
```

```
    },
    {
      "userName": "Akash",
      "paid": 0,
      "owed": 500
    },
    {
      "userName": "agrox29",
      "paid": 0,
      "owed": 300
    }
  ]
}'
```

Request URL

http://localhost:8080/addExpense

Server response

Code	Details
200	**Response body**

```
{
  "data": "Expense(id=13, description=electricity bill, amount=1000, groupId=6, createdBy=agrox29, createdAt=null)",
  "message": "Expense addition successful"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue,12 Aug 2025 19:07:34 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

/

Code	Description	Links
	Controls `Accept` header.	
	Example Value Schema	
	`{}`	

GET /groupExpenses/{groupName} ∧

Parameters

Cancel

Name	Description
groupName * required string *(path)*	NITP

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/groupExpenses/NITP' \
  -H 'accept: */*'
```

Request URL

http://localhost:8080/groupExpenses/NITP

Server response

Code	Details

200

Response body

```
{
  "data": "[GroupExpensesResponse(expense=Expense(id=9, description=bikeTrip, amount=900, groupId=4, createdBy=Vikram, createdAt=null), userExpenses=[UserExpense(userName=Akash, paid=0, owed=300), UserExpense(userName=Vikram, paid=900, owed=300), UserExpense(userName=Kamla, paid=0, owed=300)])]",
  "message": "Group expenses fetch successful"
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue,12 Aug 2025 19:09:16 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	OK	*No links*

Media type

/

Controls `Accept` header.

Example Value   Schema

```
{}
```

GET /getExpenses/{userName}   ⌃

Parameters

<div style="text-align: right">**Cancel**</div>

Name	Description
userName * required string *(path)*	Hement Rawal

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/getExpenses/Hement%20Rawal' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:8080/getExpenses/Hement%20Rawal
```

Server response

Code	Details

200	**Response body**
	`{`
	`  "data": "{Harsh=800, Akash=100}",`

Code	Details	Download

```
        "message": "Expenses fetch successful"
      }
```

Response headers

```
connection: keep-alive
content-type: application/json
date: Tue,12 Aug 2025 19:09:43 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Responses

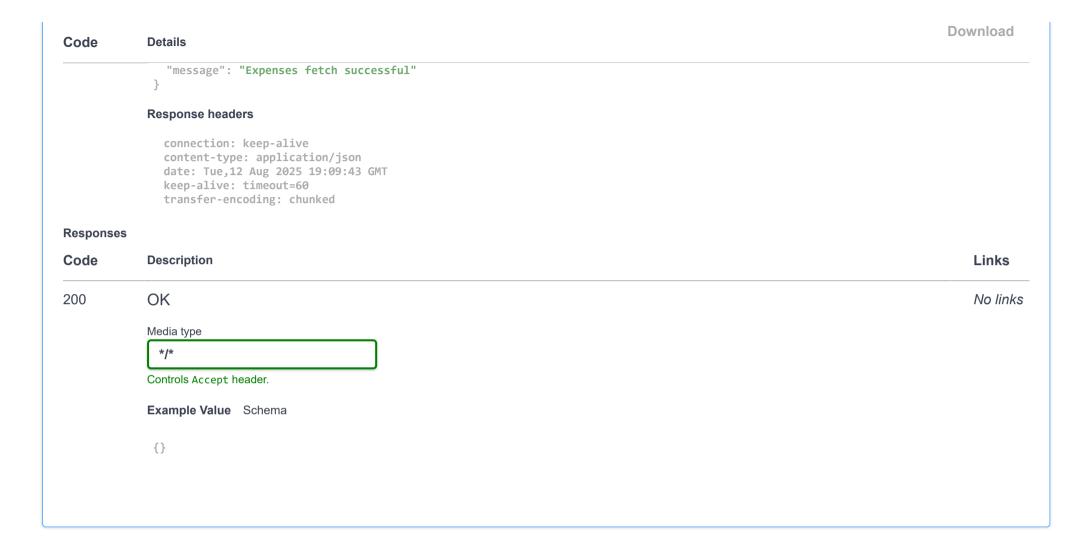| Code	Description	Links
200	OK	*No links*

Media type

```
*/*
```

Controls `Accept` header.

Example Value   Schema

```
{}
```

Schemas

UserRequest ∧   Collapse all   **object**

   userName **string**

   email **string**

   password **string**

GroupRequest ^   Collapse all   **object**

    groupName   string

    createdBy   string

    members ^   Collapse all   **array<string>**

       Items   string

ExpenseRequest ^   Collapse all   **object**

    groupName   string

    amount   integer   int64

    description   string

    createdBy   string

    users ^   Collapse all   **array<object>**

       Items ^   Collapse all   **object**

          userName   string

          paid   integer   int64

          owed   integer   int64

UserExpense ^   Collapse all   **object**

    userName   string

    paid   integer   int64

    owed   integer   int64