Financial Management API 1.0.0
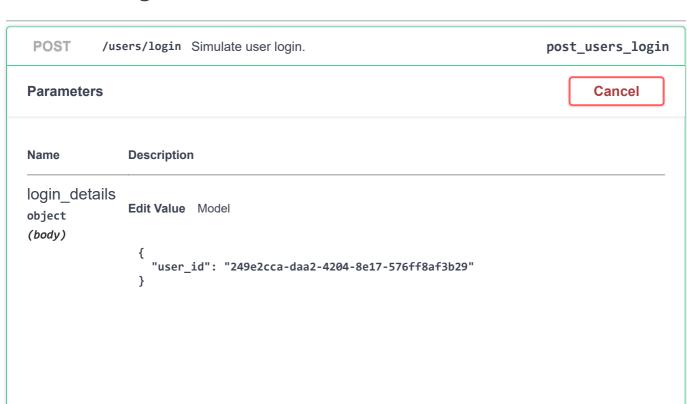
[Base URL: 127.0.0.1:5000/]

/apispec_1.json

API for managing user profiles, expenses, and investments.

Schemes

HTTP

User Management Operations related to user profiles ⌄

| POST | **/users/login** Simulate user login. | **post_users_login** |

Parameters   Cancel

Name	Description

login_details
object
(body)
	Edit Value Model
	
	{
	    "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
	}

Cancel

Parameter content type

Name	Description

application/json

Execute	Clear

Responses

Response content type   application/json

Curl

```
curl -X POST "http://127.0.0.1:5000/users/login" -H "accept: application/json" -H "Content-Type: application/json" -d "{ \"user_id\": \"249e2cca-daa2-4204-8e17-576ff8af3b29\"}"
```

Request URL

```
http://127.0.0.1:5000/users/login
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "Login successful",
  "user_profile": {
    "bank_balance": 12000,
    "email": "vaishu7119@gmail.com",
    "name": "Vaishnavi Busam",
    "salary(pa)": 50000,
    "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
  }
}
```

Download

Response headers

```
connection: close
content-length: 239
content-type: application/json
date: Tue22 Jul 2025 13:58:29 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Login successful, returns user profile.

Example Value   Model

```
{
  "message": "string",
```

Code	Description

```
      "user_profile": {
        "bank_balance": 0,
        "email": "string",
        "name": "string",
        "salary": 0,
        "user_id": "string"
      }
    }
```

400

Missing user_id.

404

User not found.

POST   /users/register   Register a new user.   **post_users_register**

Parameters

Cancel

Name	Description

user
object
(body)

Edit Value   Model

```
{
  "bank_balance": 10000,
  "email": "vaishu7119@gmail.com",
  "name": "Vaishnavi",
  "salary": 50000
}
```

Cancel

Parameter content type

application/json

Execute	Clear

Responses

Response content type   **application/json**

Curl

```
curl -X POST "http://127.0.0.1:5000/users/register" -H "accept: application/json" -H
"Content-Type: application/json" -d "{ \"bank_balance\": 10000, \"email\":
\"vaishu7119@gmail.com\", \"name\": \"Vaishnavi\", \"salary\": 50000}"
```

Request URL

```
http://127.0.0.1:5000/users/register
```

Server response

Code	Details
201	**Response body**

```
{
  "message": "User registered successfully",
  "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
}
```

Download

Response headers

```
connection: close
content-length: 101
content-type: application/json
date: Tue22 Jul 2025 13:56:50 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
201	User registered successfully.

Example Value   Model

```
{
  "message": "string",
  "user_id": "string"
}
```

| 400 | Bad request, e.g., missing data or email already exists. |

GET   **/users/{user_id}**   Get a user's profile by ID.   **get_users__user_id_**

Parameters   **Cancel**

Name	Description

user_id * required
string
(path)

The unique ID of the user.

```
249e2cca-daa2-4204-8e17-576ff8af3b29
```

Execute	Clear

Responses

Response content type   `application/json`

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29" -H "accept:
application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29
```

Server response

Code	Details

200

Response body

```
{
  "bank_balance": 10000,
  "email": "vaishu7119@gmail.com",
  "name": "Vaishnavi",
  "salary(pa)": 50000,
  "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
}
```

Download

Response headers

```
connection: close
content-length: 166
content-type: application/json
date: Tue22 Jul 2025 13:57:23 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description

200

User profile details.

Example Value   Model

Code	Description

```
{
  "bank_balance": 0,
  "email": "string",
  "name": "string",
  "salary": 0,
  "user_id": "string"
}
```

404

User not found.

PUT	/users/{user_id}	Update a user's profile.	put_users__user_id_

Parameters

[Cancel]

Name	Description

user_id * required
string
(path)

The unique ID of the user.

249e2cca-daa2-4204-8e17-576ff8af3b29

user_data
object
(body)

Edit Value   Model

```
{
  "bank_balance": 12000,
  "email": "vaishu7119@gmail.com",
  "name": "Vaishnavi Busam",
  "salary": 50000
}
```

[Cancel]

Parameter content type

application/json

Execute	Clear

Responses

Response content type   application/json

Curl

```
curl -X PUT "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29" -H "accept:
application/json" -H "Content-Type: application/json" -d "{ \"bank_balance\": 12000,
\"email\": \"vaishu7119@gmail.com\", \"name\": \"Vaishnavi Busam\", \"salary\": 50000}"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29
```

Server response

Code	Details

200

Response body

```
{
  "message": "User profile updated successfully",
  "user_profile": {
    "bank_balance": 12000,
    "email": "vaishu7119@gmail.com",
    "name": "Vaishnavi Busam",
    "salary(pa)": 50000,
    "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
  }
}
```

Download

Response headers

```
connection: close
content-length: 256
content-type: application/json
date: Tue22 Jul 2025 13:58:00 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description

200

User profile updated successfully.

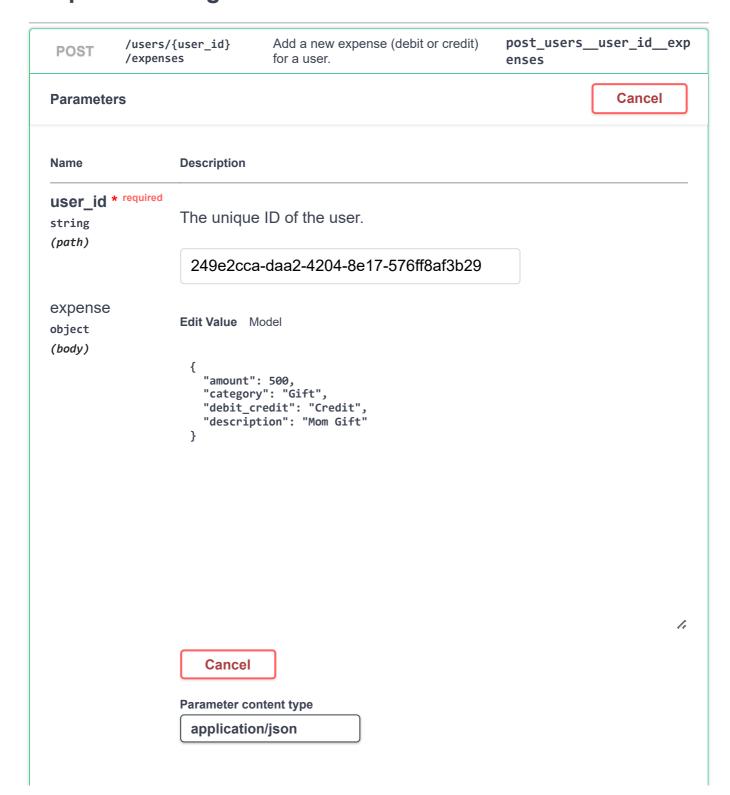**Example Value**   Model

```
{
  "message": "string",
  "user_profile": {
    "bank_balance": 0,
    "email": "string",
    "name": "string",
    "salary": 0,
    "user_id": "string"
```

Code	Description
	} }
400	Invalid data provided.
404	User not found.

Expense Management Operations related to daily expenses ⌄

POST	/users/{user_id} /expenses	Add a new expense (debit or credit) for a user.	post_users__user_id__exp enses

Parameters

<div style="text-align:right">

Cancel

</div>

Name	Description
user_id * required string (path)	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

expense
object
(body)
	Edit Value Model
	
	``
	{
	  "amount": 500,
	  "category": "Gift",
	  "debit_credit": "Credit",
	  "description": "Mom Gift"
	}
	``

Cancel

Parameter content type

application/json

Execute	Clear

Responses

Response content type: **application/json**

Curl

```
curl -X POST "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses" -H
"accept: application/json" -H "Content-Type: application/json" -d "{ \"amount\": 500,
\"category\": \"Gift\", \"debit_credit\": \"Credit\", \"description\": \"Mom Gift\"}"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses
```

Server response

Code	Details

201

Response body

```
{
  "expense": {
    "Debit/Credit": "Credit",
    "amount": 500,
    "category": "Gift",
    "date": "2025-07-22",
    "description": "Mom Gift",
    "id": "af051543-2b9a-40d9-b27a-7779457f294d",
    "time": "19:34:51",
    "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
  },
  "message": "Expense added successfully"
}
```

Download

Response headers

```
connection: close
content-length: 326
content-type: application/json
date: Tue22 Jul 2025 14:04:53 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description

201

Expense added successfully.

Example Value   Model

```
{
  "expense": {},
  "message": "string"
}
```

Code	Description
400	Bad request, e.g., missing data or invalid debit_credit type.
404	User not found.

GET	/users/{user_id} /expenses/today	Get all expenses for the current date for a user.	get_users__user_id__expenses_today

Parameters

Cancel

Name	Description
user_id * required string (path)	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses

Response content type   application/json

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/today"
-H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/today
```

Server response

Code	Details

200	**Response body**
	
	 ```[```
	 ``` {```
	 ``` "Debit/Credit": "Debit",```
	 ``` "amount": 100,```
	 ``` "category": "Food",```
	 ``` "date": "2025-07-22",```
	 ``` "description": "Snack",```

Code	Details

```
        "expense_id": "0b98f1d8-c5b2-4974-a2fc-8c9063b3e016",
        "time": "19:32:34",
        "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
      }
    ]
```

Download

Response headers

```
connection: close
content-length: 274
content-type: application/json
date: Tue22 Jul 2025 14:04:14 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description

200

List of today's expenses.

Example Value   Model

```
[
  {}
]
```

404

User not found.

GET	/users/{user_id}/expenses/today/credits	Get all credit expenses for the current date for a user.	get_users__user_id__expenses_today_credits

Parameters   Cancel

Name	Description

user_id * required
string
(path)

The unique ID of the user.

249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses   Response content type   application/json

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/expenses/today/credits" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/today/credits
```

Server response

Code	Details
200	**Response body**

```
[
  {
    "Debit/Credit": "Credit",
    "amount": 500,
    "category": "Gift",
    "date": "2025-07-22",
    "description": "Mom Gift",
    "expense_id": "af051543-2b9a-40d9-b27a-7779457f294d",
    "time": "19:34:51",
    "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
  }
]
```

Download

Response headers

```
connection: close
content-length: 278
content-type: application/json
date: Tue22 Jul 2025 14:05:03 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	List of today's credits.

Example Value   Model

```
[
  {}
]
```

| 404 | User not found. |

GET	/users/{user_id} /expenses/today/debits	Get all debit expenses for the current date for a user.	get_users__user_id__expenses_today_debits

Parameters   Cancel

Name	Description

user_id * required
string
(path)

The unique ID of the user.

249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses   Response content type   application/json

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/expenses/today/debits" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/today/debits
```

Server response

Code	Details

200

Response body

```
[
  {
    "Debit/Credit": "Debit",
    "amount": 100,
    "category": "Food",
    "date": "2025-07-22",
    "description": "Snack",
    "expense_id": "0b98f1d8-c5b2-4974-a2fc-8c9063b3e016",
    "time": "19:32:34",
    "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
  }
]
```

Download

Response headers

```
connection: close
content-length: 274
content-type: application/json
date: Tue22 Jul 2025 14:05:17 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	List of today's debits.

Example Value   Model

```
[
  {}
]
```

Code	Description
404	User not found.

GET	/users/{user_id} /expenses/totals	Get total debits and credits for a user, optionally for a specific date.	get_users__user_id__expenses_totals

Parameters

Cancel

Name	Description
user_id * required `string` *(path)*	The unique ID of the user. `249e2cca-daa2-4204-8e17-576ff8af3b29`
date `string($YYYY-MM-DD)` *(query)*	Optional date to filter expenses (e.g., '2023-10-27'). If not provided, totals for all time. `2025-07-22`

Execute	Clear

Responses

Response content type   `application/json`

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/expenses/totals?date=2025-07-22" -H "accept: application/json"
```

Request URL

http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/totals?date=2025-07-22

Server response

Code	Details
200	**Response body**

```
{
  "overall_net": 400,
  "total_credits": 500,
  "total_debits": 100
}
```

Download

Response headers

```
connection: close
content-length: 78
content-type: application/json
date: Tue22 Jul 2025 14:05:43 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Totals of debits and credits.

Example Value   Model

```
{
  "overall_net": 0,
  "total_credits": 0,
  "total_debits": 0
}
```

| 404 | User not found. |

DELETE /users/{user_id}/expenses/{expense_id}   Delete an expense for a user.   delete_users__user_id__expenses__expense_id_

Parameters   Cancel

Name	Description
user_id * required string *(path)*	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29
expense_id * required string *(path)*	The unique ID of the expense to delete.

Name	Description
	0b98f1d8-c5b2-4974-a2fc-8c9063b3e016

Execute	Clear

Responses

Response content type   application/json

Curl

```
curl -X DELETE "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/expenses/0b98f1d8-c5b2-4974-a2fc-8c9063b3e016" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/0b98f1d8-c5b2-4974-
a2fc-8c9063b3e016
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "Expense deleted successfully"
}
```

Download

Response headers

```
connection: close
content-length: 48
content-type: application/json
date: Tue22 Jul 2025 14:07:07 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Expense deleted successfully.

Example Value   Model

```
{
  "message": "string"
}
```

Code	Description
404	User or expense not found.

PUT	/users/{user_id}/expenses/{expense_id}	Update an existing expense for a user.	put_users__user_id__expenses__expense_id_

Parameters

Cancel

Name	Description
user_id * required string (path)	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29
expense_id * required string (path)	The unique ID of the expense to update. af051543-2b9a-40d9-b27a-7779457f294d
expense_data object (body)	**Edit Value** Model ``` { "amount": 285, "category": "Temple", "debit_credit": "Debit", "description": "Hundi Money" } ```

Cancel

Parameter content type

application/json

Execute	Clear

Responses

Response content type   **application/json**

Curl

```
curl -X PUT "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/expenses/af051543-2b9a-40d9-b27a-7779457f294d" -H "accept: application/json" -H
"Content-Type: application/json" -d "{ \"amount\": 285, \"category\": \"Temple\",
\"debit_credit\": \"Debit\", \"description\": \"Hundi Money\"}"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/expenses/af051543-2b9a-40d9-
b27a-7779457f294d
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "Expense updated successfully"
}
```

Download

Response headers

```
connection: close
content-length: 48
content-type: application/json
date: Tue22 Jul 2025 14:08:55 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Expense updated successfully.

Example Value   Model

```
{
  "message": "string"
}
```

| 400 | Bad request, e.g., invalid data. |
| 404 | User or expense not found. |

Financial Summary Overall financial insights ⌄

GET	/users/{user_id}/balance	Get the current bank balance for a user.	get_users__user_id__balance

Parameters

<div align="right">Cancel</div>

Name	Description
user_id * required string (path)	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses

Response content type **application/json**

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/balance" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/balance
```

Server response

Code	Details

200	**Response body**
	
	``{
	  "bank_balance": 12085
	}``` Download
	
	Response headers
	
	``connection: close
	content-length: 30
	content-type: application/json
	date: Tue22 Jul 2025 14:09:15 GMT
	server: Werkzeug/3.1.3 Python/3.13.5```

Responses

Code	Description
200	Current bank balance.

Example Value Model

```
{
  "bank_balance": 0
}
```

404	User not found.

POST /users/{user_id} /eod-balance   Calculate and update the End-Of-Day balance for a user.   `post_users__user_id__eo d_balance`

This endpoint should be called once at the end of the day to finalize the balance.

Parameters **Cancel**

Name	Description
user_id * required string (path)	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses   Response content type   `application/json`

Curl

```
curl -X POST "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/eod-balance" -
H "accept: application/json" -d ""
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/eod-balance
```

Server response

Code	Details
200	**Response body**

```
{
  "eod_balance": 12085,
  "message": "End of Day balance updated"
}
```

Download

Response headers

```
connection: close
content-length: 72
content-type: application/json
date: Tue22 Jul 2025 14:09:31 GMT
server: Werkzeug/3.1.3 Python/3.13.5
``` |

Responses

Code	Description
200	EOD balance calculated and updated successfully.

Example Value   Model

```
{
  "eod_balance": 0,
  "message": "string"
}
``` |
| 404 | User not found. |

GET	/users/{user_id}/financials/monthly	Get monthly financial summary for a user.	`get_users__user_id__financials_monthly`

Includes monthly salary, total monthly investments, total monthly expenses, and remaining monthly balance.

Parameters   Cancel

Name	Description
user_id * required string *(path)*	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses

Response content type **application/json**

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/financials/monthly" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/financials/monthly
```

Server response

Code	Details
200	**Response body**

```
{
  "monthly_salary": 4166.666666666667,
  "remaining_monthly_balance": 4166.666666666667,
  "total_monthly_expenses": 0,
  "total_monthly_investments": 0
}
```

Download

Response headers

```
connection: close
content-length: 157
content-type: application/json
date: Tue22 Jul 2025 14:09:50 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Monthly financial summary.

Example Value   Model

```
{
  "monthly_salary": 0,
  "remaining_monthly_balance": 0,
  "total_monthly_expenses": 0,
  "total_monthly_investments": 0
}
```

| 404 | User not found. |

Investment Management   Operations related to investments   ⌄

GET   /users/{user_id}/investments   Get all investments for a user.   get_users__user_id__investments

---

Parameters   Cancel

Name	Description
user_id * required string *(path)*	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses   Response content type   application/json

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments
```

Server response

Code	Details

200	**Response body**
	`[]`
	
	Download
	
	Response headers
	`connection: close`
	`content-length: 3`
	`content-type: application/json`
	`date: Tue22 Jul 2025 14:41:52 GMT`
	`server: Werkzeug/3.1.3 Python/3.13.5`

Responses

Code	Description
200	List of user's investments.

Example Value   Model

```
[
  {}
]
```

Code	Description
404	User not found.

POST	/users/{user_id}/investments	Add a new investment for a user.	post_users__user_id__investments

Parameters

Cancel

Name	Description
user_id * required string *(path)*	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

investment
object
(body)
	Edit Value Model
	
	``
	{
	  "Interest Rate": 8,
	  "Investment Plan": "SIP Calculator",
	  "Monthly Investment": 500,
	  "Plan Name": "SIP Calculator",
	  "Time Period (years)": 8
	}
	``

Cancel

Parameter content type

application/json

Execute	Clear

Responses

Response content type **application/json**

Curl

```
curl -X POST "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments" -
H "accept: application/json" -H "Content-Type: application/json" -d "{ \"Interest Rate\": 8,
\"Investment Plan\": \"SIP Calculator\", \"Monthly Investment\": 500, \"Plan Name\": \"SIP
Calculator\", \"Time Period (years)\": 8}"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments
```

Server response

Code	Details

201

Response body

```
{
  "investment": {
    "Est Profit": 30720,
    "Interest Rate": 8,
    "Invested Amount": 48000,
    "Investment Plan": "SIP Calculator",
    "Monthly Investment": 500,
    "Plan Name": "SIP Calculator",
    "Starting Date": "2025-07-22",
    "Time Period (years)": 8,
    "Total Amount": 78720,
    "id": "217a5fb0-e5c2-4478-a143-f0bc73152bb2"
  },
  "message": "Investment added successfully"
}
```

Download

Response headers

```
connection: close
content-length: 411
content-type: application/json
date: Tue22 Jul 2025 14:45:23 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description

201

Investment added successfully.

Example Value   Model

```
{
  "investment": {},
```

Code	Description
| | ```
    "message": "string"
  }
``` |
| 400 | Bad request, e.g., missing data. |
| 404 | User not found. |

GET	/users/{user_id}/investments/monthly-breakdown	Get a detailed monthly investment breakdown for a user.	get_users__user_id__investments_monthly_breakdown

Parameters

Cancel

Name	Description
user_id * required string (path)	The unique ID of the user. 249e2cca-daa2-4204-8e17-576ff8af3b29

Execute	Clear

Responses

Response content type   application/json

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/investments/monthly-breakdown" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments/monthly-
breakdown
```

Server response

Code	Details
| 200 | **Response body**<br><br>```
[
  {
    "Duration": "2y 0m remaining",
``` |

Code	Details

```
      "Investment Plan": "RD",
      "Investment_id": "c56d2994-3e5d-44e5-8142-da61dc6de76e",
      "Monthly Investment": 2000,
      "Months Completed": 0,
      "Percent of Salary": 48,
      "Plan Name": "RD",
      "Total Months": 24
    },
    {
      "Duration": "8y 0m remaining",
      "Investment Plan": "SIP Calculator",
      "Investment_id": "217a5fb0-e5c2-4478-a143-f0bc73152bb2",
      "Monthly Investment": 500,
      "Months Completed": 0,
      "Percent of Salary": 12,
      "Plan Name": "SIP Calculator",
      "Total Months": 96
    }
  ]
```

Download

Response headers

```
connection: close
content-length: 570
content-type: application/json
date: Tue22 Jul 2025 14:45:48 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description

200

List of monthly investment breakdowns.

Example Value   Model

```
  [
    {
      "Duration": "string",
      "Investment Plan": "string",
      "Monthly Investment": 0,
      "Months Completed": 0,
      "Percent of Salary": 0,
      "Plan Name": "string",
      "Total Months": 0,
      "id": "string"
    }
  ]
```

404

User not found or salary not set.

DELETE	/users/{user_id}/investments/{investment_id}	Delete an investment for a user.	delete_users__user_id__investments__investment_id_

Parameters   **Cancel**

Name	Description

user_id * required
string
(path)

The unique ID of the user.

```
249e2cca-daa2-4204-8e17-576ff8af3b29
```

investment_id * required
string
(path)

The unique ID of the investment to delete.

```
217a5fb0-e5c2-4478-a143-f0bc73152bb2
```

Execute	Clear

Responses   Response content type   application/json

Curl

```
curl -X DELETE "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/investments/217a5fb0-e5c2-4478-a143-f0bc73152bb2" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments/217a5fb0-e5c2-
4478-a143-f0bc73152bb2
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "Investment deleted successfully"
}
```
Download

Response headers

```
connection: close
content-length: 51
content-type: application/json
date: Tue22 Jul 2025 14:46:16 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Investment deleted successfully.

Example Value   Model

```
{
  "message": "string"
}
```

Code	Description
404	User or investment not found.

GET	/users/{user_id} /investments /{investment_id}	Get a single investment by its ID for a user.	get_users__user_id__investme nts__investment_id_

Parameters

Cancel

Name	Description
user_id * required **string** *(path)*	The unique ID of the user. `249e2cca-daa2-4204-8e17-576ff8af3b29`
investment_id * required **string** *(path)*	The unique ID of the investment. `c56d2994-3e5d-44e5-8142-da61dc6de76e`

Execute	Clear

Responses

Response content type   `application/json`

Curl

```
curl -X GET "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/investments/c56d2994-3e5d-44e5-8142-da61dc6de76e" -H "accept: application/json"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments/c56d2994-3e5d-
```

Server response

Code	Details
200	**Response body**

```
{
  "Est Profit": 6528,
  "Interest Rate": 6.8,
  "Invested Amount": 48000,
  "Investment Plan": "RD",
  "Investment_id": "c56d2994-3e5d-44e5-8142-da61dc6de76e",
  "Monthly Investment": 2000,
  "Plan Name": "RD",
  "Starting Date": "2025-07-22",
  "Time Period (years)": 2,
  "Total Amount": 54528,
  "user_id": "249e2cca-daa2-4204-8e17-576ff8af3b29"
}
```

Download

Response headers

```
connection: close
content-length: 353
content-type: application/json
date: Tue22 Jul 2025 14:46:53 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Details of the investment.

Example Value   Model

```
{}
```

| 404 | User or investment not found. |

PUT	/users/{user_id} /investments /{investment_id}	Update an existing investment for a user.	put_users__user_id__investme nts__investment_id_

Parameters   Cancel

Name	Description

user_id * required
`string`
`(path)`
	The unique ID of the user.
	
	249e2cca-daa2-4204-8e17-576ff8af3b29

Name	Description

investment_id * required
string
(path)

The unique ID of the investment to update.

> c56d2994-3e5d-44e5-8142-da61dc6de76e

investment_data
object
(body)

Edit Value   Model

```
{
  "Interest Rate": 9,
  "Investment Plan": "RD",
  "Monthly Investment": 2000,
  "Plan Name": "RD",
  "Time Period (years)": 3
}
```

Cancel

Parameter content type

> application/json

Execute	Clear

Responses

Response content type   application/json

Curl

```
curl -X PUT "http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-
576ff8af3b29/investments/c56d2994-3e5d-44e5-8142-da61dc6de76e" -H "accept: application/json"
-H "Content-Type: application/json" -d "{ \"Interest Rate\": 9, \"Investment Plan\": \"RD\",
\"Monthly Investment\": 2000, \"Plan Name\": \"RD\", \"Time Period (years)\": 3}"
```

Request URL

```
http://127.0.0.1:5000/users/249e2cca-daa2-4204-8e17-576ff8af3b29/investments/c56d2994-3e5d-
44e5-8142-da61dc6de76e
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "Investment updated successfully"
}
```

Download

Response headers

```
connection: close
content-length: 51
content-type: application/json
date: Tue22 Jul 2025 14:47:44 GMT
server: Werkzeug/3.1.3 Python/3.13.5
```

Responses

Code	Description
200	Investment updated successfully.

Example Value   Model

```
{
  "message": "string"
}
```

| 400 | Bad request, e.g., invalid data. |
| 404 | User or investment not found. |