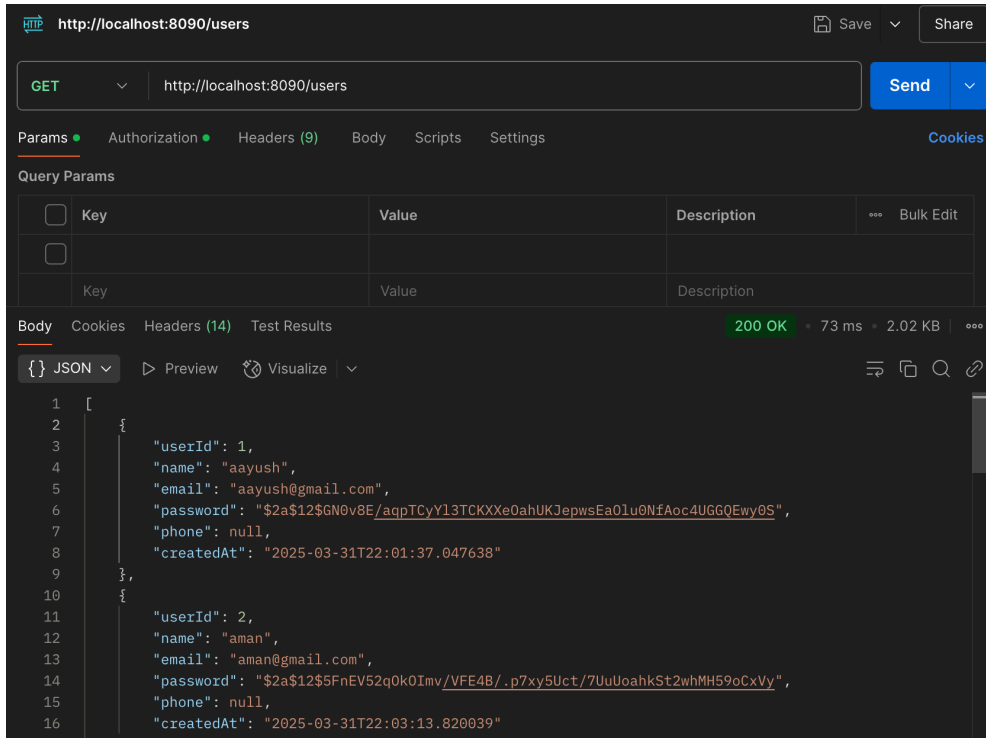
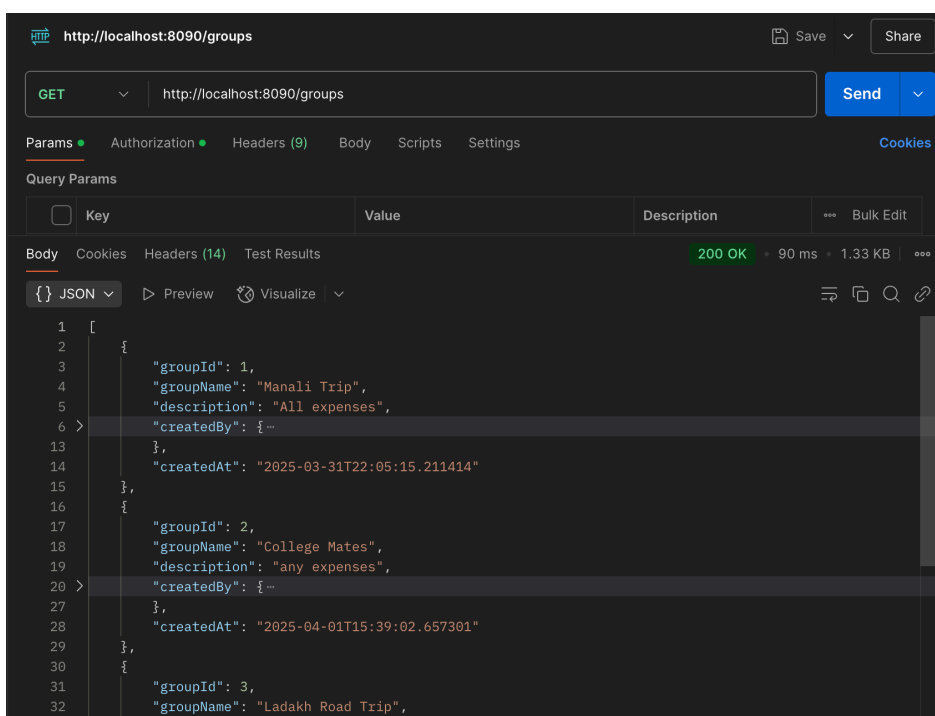


POSTMAN COLLECTION

1. Get all the users:



2. Get all the groups



3. Create a group

The screenshot shows a REST client interface with the URL `http://localhost:8090/groups`. The method is set to **POST**. The response status is **201 Created**, with a response time of 210 ms and a body size of 722 B. The response body is displayed in JSON format:

```
{
  "groupId": 4,
  "groupName": "homies",
  "description": "A group.",
  "createdBy": {
    "userId": 1,
    "name": "aayush",
    "email": "aayush@gmail.com",
    "password": "$2a$12$GN0v8E/aqpTCyY13TCKXXe0ahUKJepwsEa0lu0NfAoc4UGGQEwy0S",
    "phone": null,
    "createdAt": "2025-03-31T22:01:37.047638"
  },
  "createdAt": "2025-04-08T19:18:55.1311"
}
```

4. Get all the groups of the current user.

The screenshot shows a REST client interface with the URL `http://localhost:8090/groups/user/1`. The method is set to **GET**. The response status is **200 OK**, with a response time of 70 ms and a body size of 1.33 KB. The response body is displayed in JSON format, showing an array of two group objects:

```
[
  {
    "groupId": 1,
    "groupName": "Manali Trip",
    "description": "All expenses",
    "createdBy": {
      "userId": 1,
      "name": "aayush",
      "email": "aayush@gmail.com",
      "password": "$2a$12$GN0v8E/aqpTCyY13TCKXXe0ahUKJepwsEa0lu0NfAoc4UGGQEwy0S",
      "phone": null,
      "createdAt": "2025-03-31T22:05:15.211414"
    },
    "createdAt": "2025-03-31T22:05:15.211414"
  },
  {
    "groupId": 2,
    "groupName": "College Mates",
    "description": "any expenses",
    "createdBy": {
      "userId": 1,
      "name": "aayush",
      "email": "aayush@gmail.com",
      "password": "$2a$12$GN0v8E/aqpTCyY13TCKXXe0ahUKJepwsEa0lu0NfAoc4UGGQEwy0S",
      "phone": null,
      "createdAt": "2025-03-31T22:05:15.211414"
    },
    "createdAt": "2025-04-01T15:39:02.657301"
  }
]
```

5. Get group by group id.

GET <http://localhost:8090/groups/1> Send

Params Authorization Headers (9) Body Scripts Settings Cookies

Query Params

<input type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input type="checkbox"/>					
	Key	Value	Description		

Body Cookies Headers (14) Test Results 200 OK • 50 ms • 732 B | ...

{ } JSON Preview Visualize

```
1 {
2   "groupId": 1,
3   "groupName": "Manali Trip",
4   "description": "All expenses",
5   "createdBy": {
6     "userId": 4,
7     "name": "dikshita",
8     "email": "dikshita@gmail.com",
9     "password": "$2a$12$zKaKwfFUCqIq7VXNEGXYCeKjx1kj9QEPLc5bg8fXtWMHVX3winsqy",
10    "phone": null,
11    "createdAt": "2025-03-31T22:04:22.353291"
12  },
13  "createdAt": "2025-03-31T22:05:15.211414"
14 }
```

6. Add member to the group *8090/group-members/groupId/userId*

<http://localhost:8090/group-members/1/2> Save Share

POST <http://localhost:8090/group-members/1/2> Send

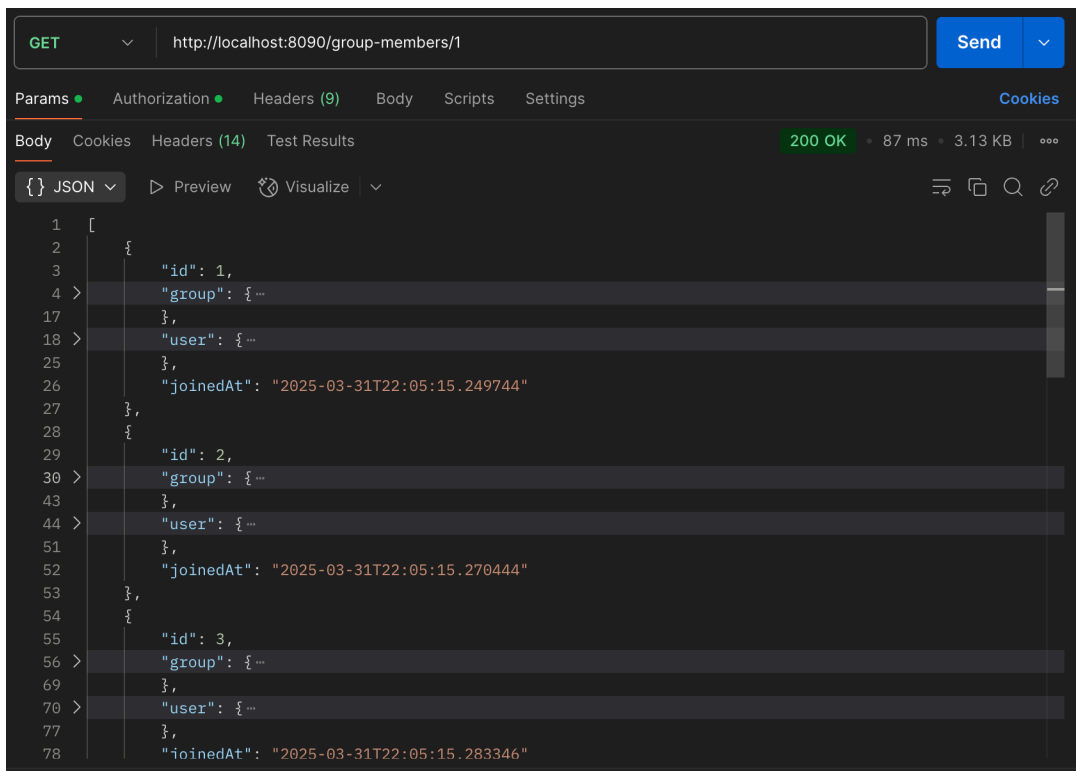
Params Authorization Headers (10) Body Scripts Settings Cookies

Body Cookies Headers (14) Test Results 201 Created • 83 ms • 982 B | ...

{ } JSON Preview Visualize

```
1 {
2   "id": 14,
3   "group": {
4     "groupId": 1,
5     "groupName": "Manali Trip",
6     "description": "All expenses",
7     "createdBy": {
8       "userId": 4,
9       "name": "dikshita",
10      "email": "dikshita@gmail.com",
11      "password": "$2a$12$zKaKwfFUCqIq7VXNEGXYCeKjx1kj9QEPLc5bg8fXtWMHVX3winsqy",
12      "phone": null,
13      "createdAt": "2025-03-31T22:04:22.353291"
14    },
15    "createdAt": "2025-03-31T22:05:15.211414"
16  },
17  "user": {
18    "userId": 2,
19    "name": "aman",
20    "email": "aman@gmail.com",
21    "password": "$2a$12$F5nEV52qOk0Imv/VFE4B/.p7xy5Uct/7UuUoahkSt2whMH596CxVy",
22    "phone": null,
23    "createdAt": "2025-03-31T22:03:13.820039"
24  }
25 }
```

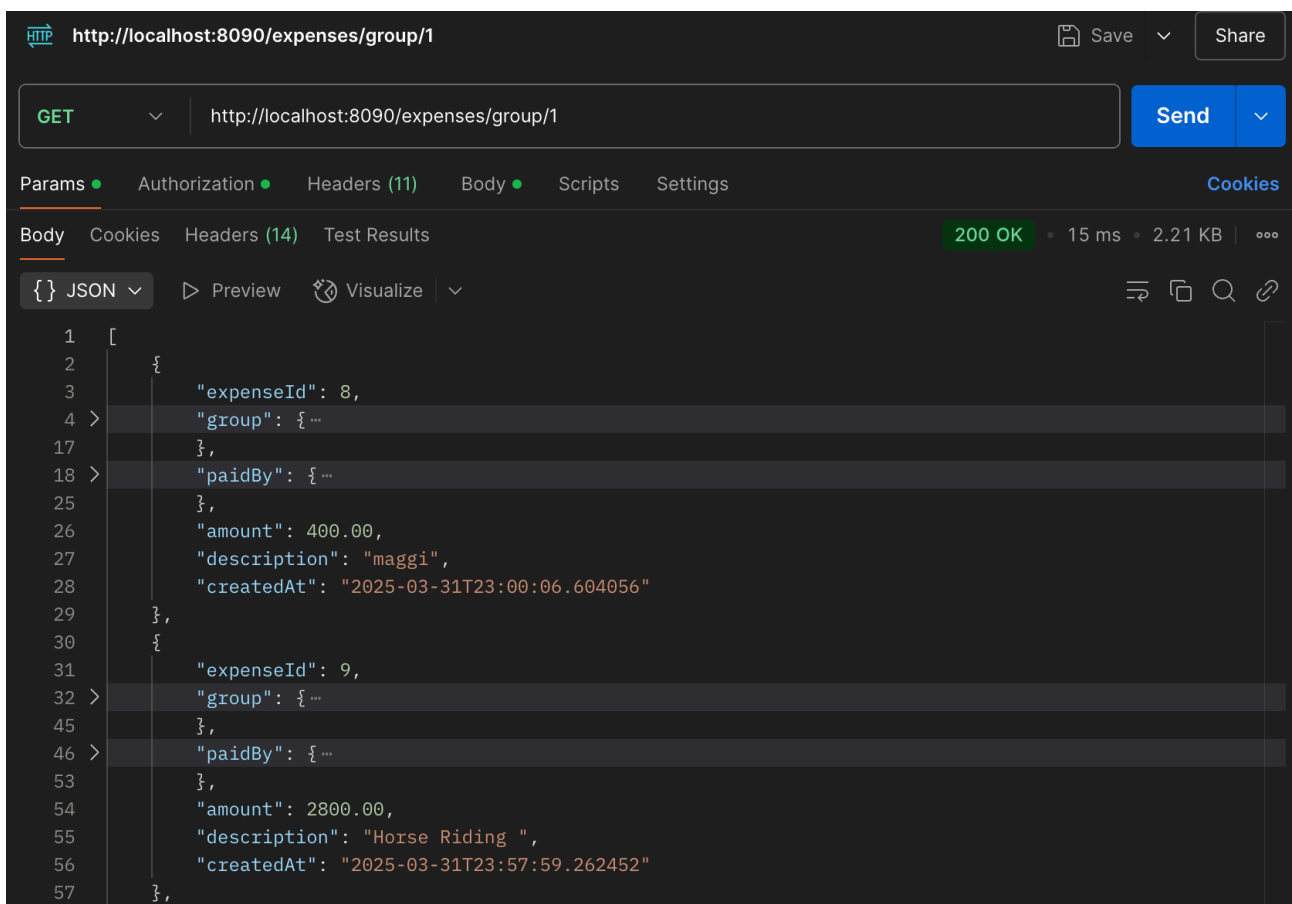
7.Members of a group



```
GET http://localhost:8090/group-members/1 200 OK • 87 ms • 3.13 KB

[
  {
    "id": 1,
    "group": { ... },
    "user": { ... },
    "joinedAt": "2025-03-31T22:05:15.249744"
  },
  {
    "id": 2,
    "group": { ... },
    "user": { ... },
    "joinedAt": "2025-03-31T22:05:15.270444"
  },
  {
    "id": 3,
    "group": { ... },
    "user": { ... },
    "joinedAt": "2025-03-31T22:05:15.283346"
  }
]
```

8.All the expenses made in the group.



```
GET http://localhost:8090/expenses/group/1 200 OK • 15 ms • 2.21 KB

[
  {
    "expenseId": 8,
    "group": { ... },
    "paidBy": { ... },
    "amount": 400.00,
    "description": "maggi",
    "createdAt": "2025-03-31T23:00:06.604056"
  },
  {
    "expenseId": 9,
    "group": { ... },
    "paidBy": { ... },
    "amount": 2800.00,
    "description": "Horse Riding ",
    "createdAt": "2025-03-31T23:57:59.262452"
  }
]
```

9.Signup

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8082/users/signup`
- Method:** `POST`
- Target URL:** `http://localhost:8090/users/signup`
- Body:** A JSON object:

```
{  "name": "Aayush",  "email": "aayush@example.com",  "password": "password"}
```
- Response:** `201 Created`, 626 ms, 456 B

10.Login

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8082/users/login`
- Method:** `POST`
- Target URL:** `http://localhost:8090/users/login`
- Body:** A JSON object:

```
{  "name": "aayush",  "password": "password"}
```
- Response:** `200 OK`, 601 ms, 578 B
- Response Body (JSON):**

```
{  "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhYXUxMTc2giLCJpYXQiOiJlE3NDUzMzk3NDIsImV4cCI6MTc0NTM0NjIyMn0.rfL",  "userId": 1}
```

11. Create an expense

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8082/expenses`
- Method:** `POST`
- Body (raw):**

```
1 {
2   "group": {
3     "groupId": 35
4   },
5   "paidBy": {
6     "userId": 4
7   },
8   "amount": 2000,
9   "description": "Gift for ali"
10 }
```
- Response:** `201 Created` (78 ms, 1020 B)
- Body (JSON):**

```
1 {
2   "expenseId": 3,
3   "group": { ...
16 },
17 "paidBy": { ...
24 },
25 "amount": 2000,
26 "description": "Gift for ali",
27 "createdAt": "2025-03-30T01:12:07.332294"
28 }
```

12. Split the expense between the participants

The screenshot shows a REST client interface with the following details:

- URL:** `http://localhost:8082/expense-participants`
- Method:** `POST`
- Body (raw):**

```
1 {
2   "expense": {
3     "expenseId": 1
4   },
5   "user": {
6     "userId": 8
7   },
8   "shareAmount": 10,
9   "status": "pending"
10 }
```

13. Request for settlement

The screenshot shows a REST client interface with the URL `http://localhost:8090/expenses/settle-request/2?payeeId=3`. The method is set to **PUT**. The request body is a JSON object:

```
1 {
2   "payer": {
3     "userId": 4
4   },
5   "payee": {
6     "userId": 6
7   },
8   "amount": 280,
9   "status": "APPROVE_SETTLE"
10 }
```

The response status is **200 OK** with a response time of 126 ms and a body size of 447 B. The response body is displayed as `Settlement request sent.`

14. Get Approval Requests

The screenshot shows a REST client interface with the URL `http://localhost:8090/expenses/approve-requests/2`. The method is set to **GET**. The response status is **200 OK** with a response time of 65 ms and a body size of 2.09 KB. The response body is a JSON array:

```
1 [
2   {
3     "id": 7,
4     "expense": { ...
31    },
32    "user": { ...
39    },
40    "shareAmount": 100.00,
41    "status": "APPROVE_SETTLE"
42  },
43  {
```

15. Approve the request

The screenshot shows a REST client interface with a dark theme. At the top, the URL bar displays `http://localhost:8090/expenses/settle-request/2?payeeld=1`. To the right of the URL bar are buttons for 'Save' and 'Share'. Below the URL bar, a dropdown menu is set to 'PUT', and the request URL is `http://localhost:8090/expenses/approve-settlement/6?payerId=4`. A blue 'Send' button is to the right of the URL bar. Below the URL bar, there are tabs for 'Params', 'Authorization', 'Headers (10)', 'Body', 'Scripts', and 'Settings'. The 'Body' tab is selected. Below the tabs, there are radio buttons for 'none', 'form-data', 'x-www-form-urlencoded', 'raw' (which is selected), 'binary', and 'GraphQL'. To the right of these radio buttons is a 'JSON' dropdown menu. Below the radio buttons, there is a 'Beautify' button. Below the 'Body' tab, there is a text area with the number '1'. At the bottom of the interface, there are tabs for 'Body', 'Cookies', 'Headers (14)', and 'Test Results'. The 'Body' tab is selected. To the right of these tabs, the status bar shows '200 OK' in green, followed by '114 ms' and '447 B'. There are also three dots to the right of the status bar.

HTTP `http://localhost:8090/expenses/settle-request/2?payeeld=1` Save Share

PUT `http://localhost:8090/expenses/approve-settlement/6?payerId=4` Send

Params Authorization Headers (10) Body Scripts Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON Beautify

1

Body Cookies Headers (14) Test Results 200 OK • 114 ms • 447 B • ••