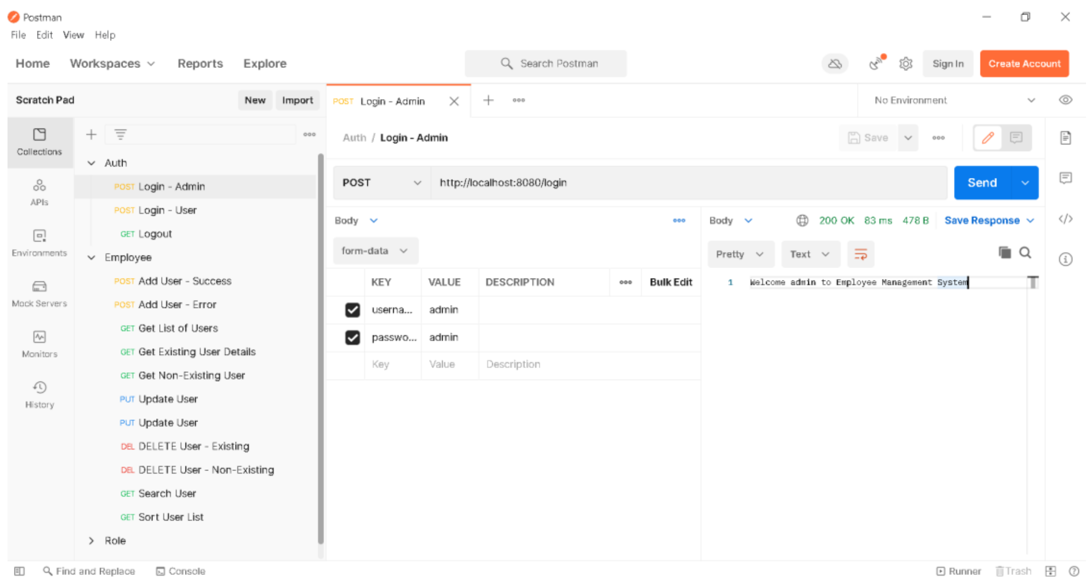
01 ADMIN USER

a) Employee DB

01. Login



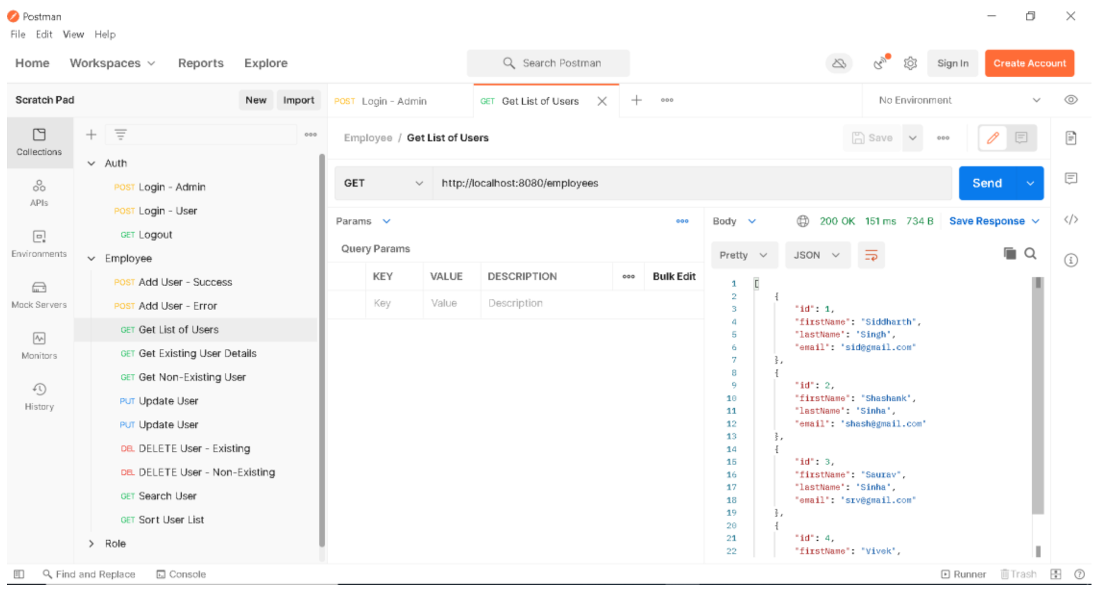
POST http://localhost:8080/login

KEY	VALUE	DESCRIPTION
✓ userna...	admin	
✓ passwo...	admin	
Key	Value	Description

200 OK 83 ms 478 B

```
Welcome admin to Employee Management System
```

02. Get Employees List



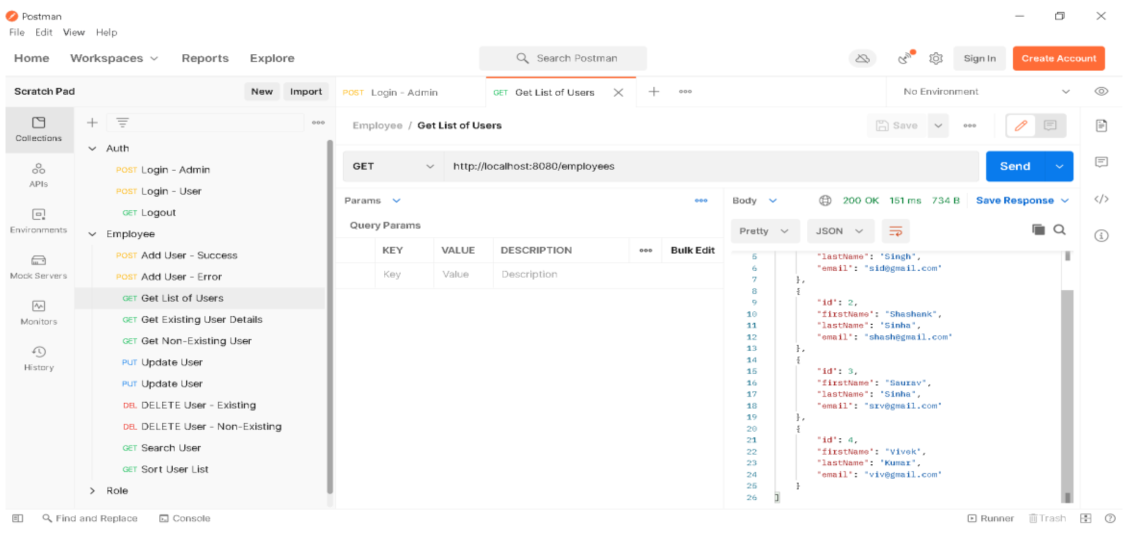
GET http://localhost:8080/employees

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

200 OK 151 ms 734 B

```
[
    {
        "id": 1,
        "firstName": "Siddharth",
        "lastName": "Singh",
        "email": "sid@gmail.com"
    },
    {
        "id": 2,
        "firstName": "Shashank",
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 3,
        "firstName": "Saurav",
        "lastName": "Sinha",
        "email": "srv@gmail.com"
    },
    {
        "id": 4,
        "firstName": "Vivek",
```



GET http://localhost:8080/employees

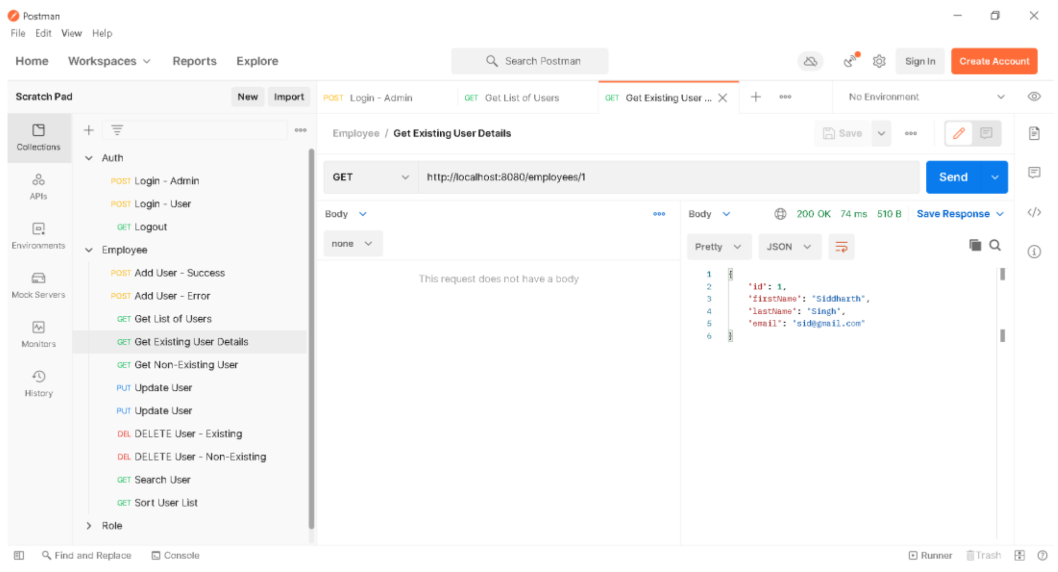
Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

200 OK 151 ms 734 B

```
        "lastName": "Singh",
        "email": "sid@gmail.com"
    },
    {
        "id": 2,
        "firstName": "Shashank",
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 3,
        "firstName": "Saurav",
        "lastName": "Sinha",
        "email": "srv@gmail.com"
    },
    {
        "id": 4,
        "firstName": "Vivek",
        "lastName": "Kumar",
        "email": "viv@gmail.com"
    }
]
```

03. Get Employee – Success



Employee / Get Existing User Details

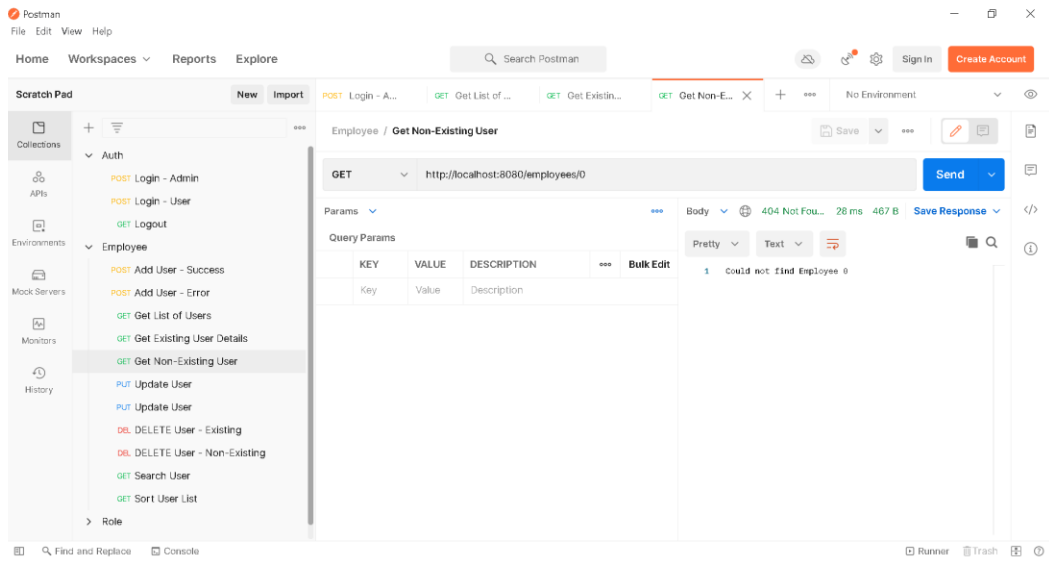
GET http://localhost:8080/employees/1

This request does not have a body

200 OK 74 ms 510 B

```
{
    "id": 1,
    "firstName": "Siddharth",
    "lastName": "Singh",
    "email": "sid@gmail.com"
}
```

04. Get Employee – Error



Employee / Get Non-Existing User

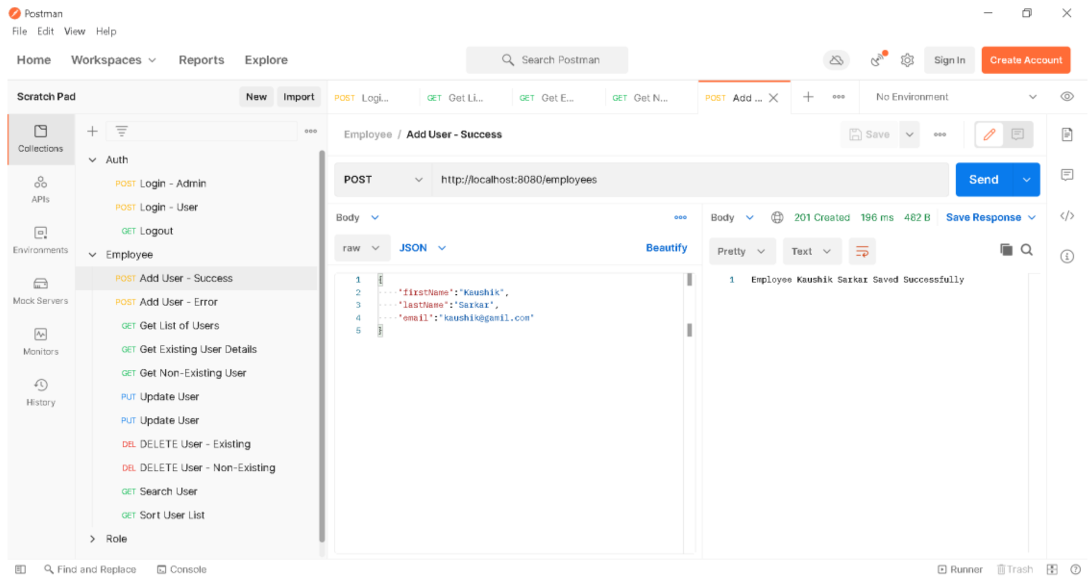
GET http://localhost:8080/employees/0

KEY	VALUE	DESCRIPTION
Key	Value	Description

404 Not Fou... 28 ms 467 B

```
Could not find Employee 0
```

05. Add Employee – Success



Employee / Add User - Success

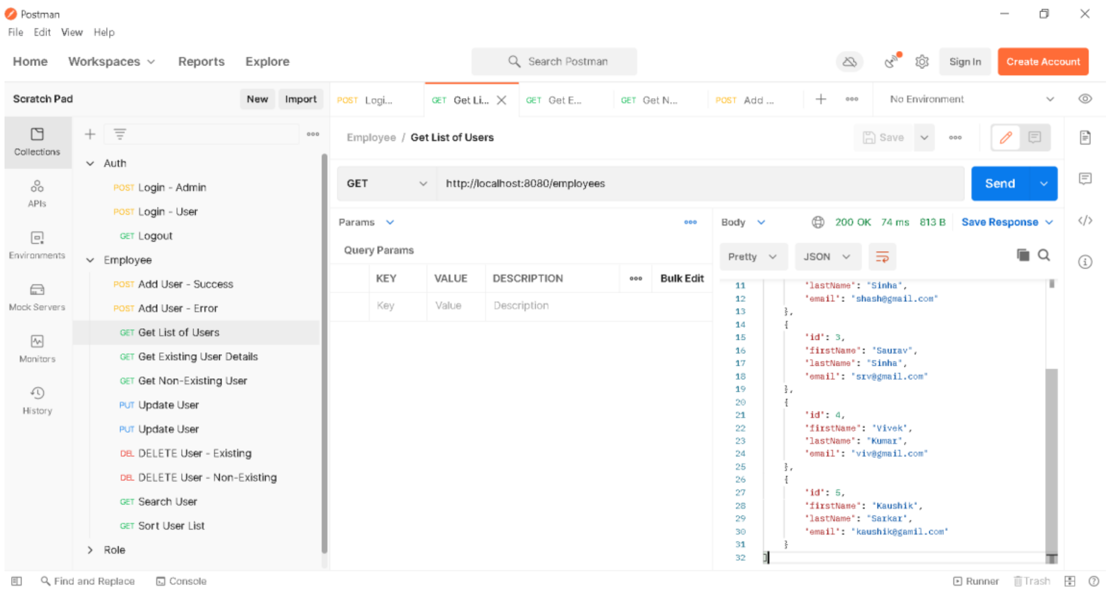
POST http://localhost:8080/employees

```
{
    "firstName":"Kaushik",
    "lastName":"Sarkar",
    "email":"kaushik@gamil.com"
}
```

201 Created 196 ms 482 B

```
Employee Kaushik Sarkar Saved Successfully
```

06. Get List of Employees – After Addition

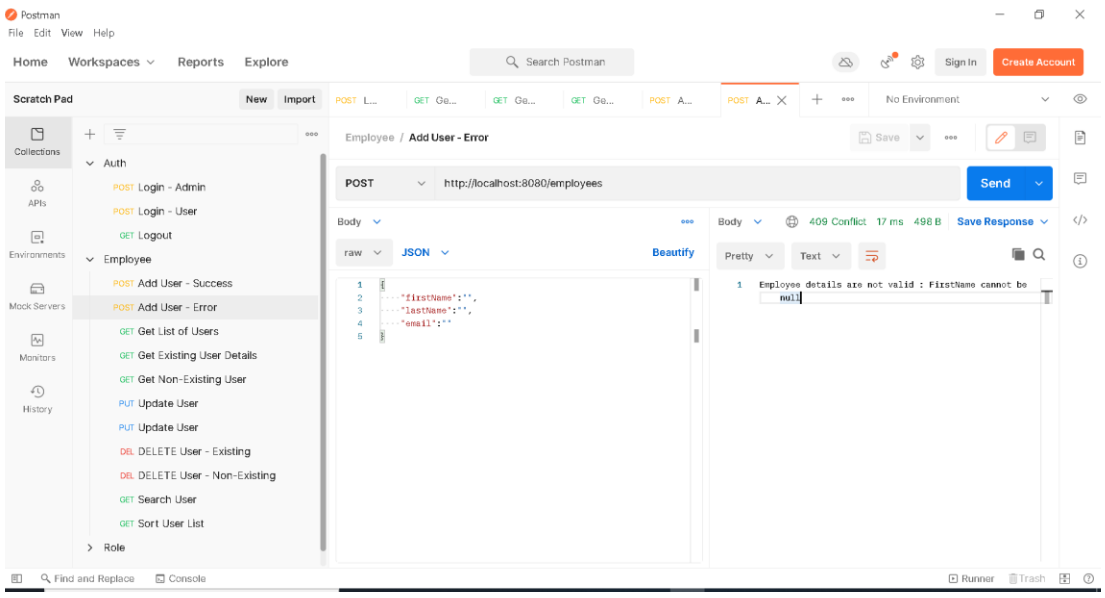


GET http://localhost:8080/employees

200 OK 74 ms 813 B

```
        'lastName': 'Sinha',
        'email': 'shash@gmail.com'
    },
    {
        'id': 3,
        'firstName': 'Saurav',
        'lastName': 'Sinha',
        'email': 'srv@gmail.com'
    },
    {
        'id': 4,
        'firstName': 'Vivek',
        'lastName': 'Kumar',
        'email': 'viv@gmail.com'
    },
    {
        'id': 5,
        'firstName': 'Kaushik',
        'lastName': 'Sarkar',
        'email': 'kaushik@gamil.com'
    }
]
```

07. Add Employee – Error – First Name



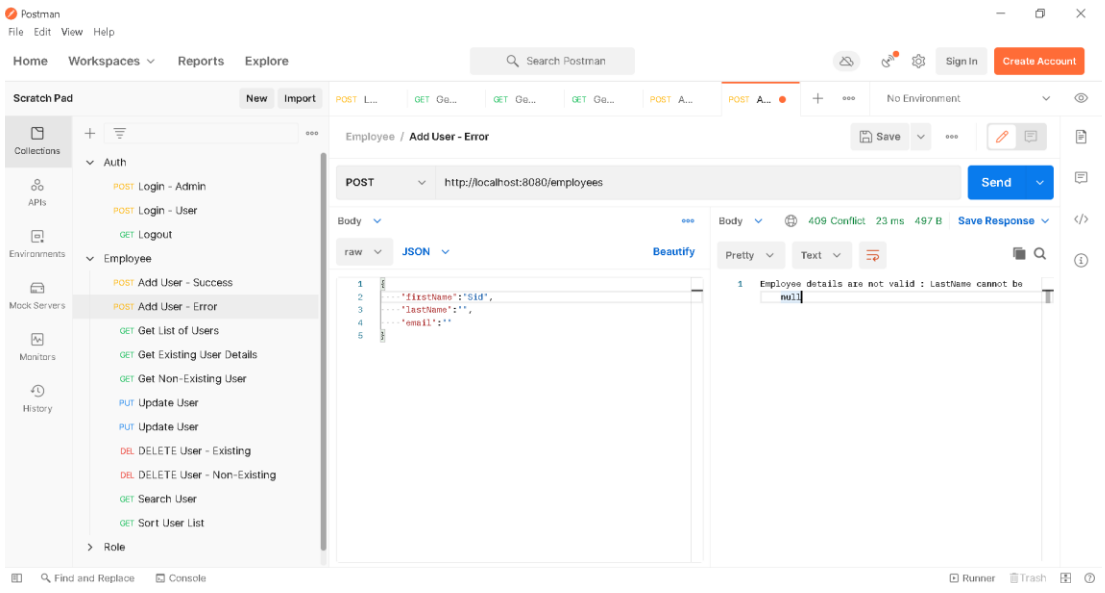
POST http://localhost:8080/employees

```
{
    "firstName":"",
    "lastName":"",
    "email":""
}
```

409 Conflict 17 ms 498 B

```
Employee details are not valid : FirstName cannot be
    null
```

08. Add Employee – Error – Last Name



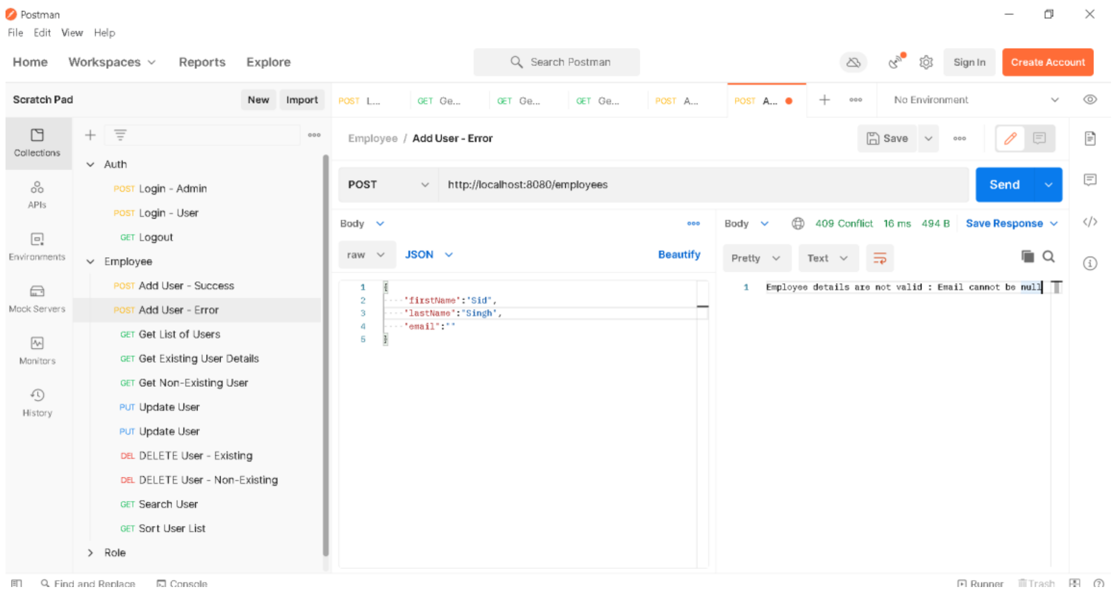
POST http://localhost:8080/employees

```
{
    'firstName':'Sid',
    'lastName':'',
    'email':''
}
```

409 Conflict 23 ms 497 B

```
Employee details are not valid : LastName cannot be
    null
```

09. Add Employee – Error – Email


Employee / Add User - Error

POST http://localhost:8080/employees

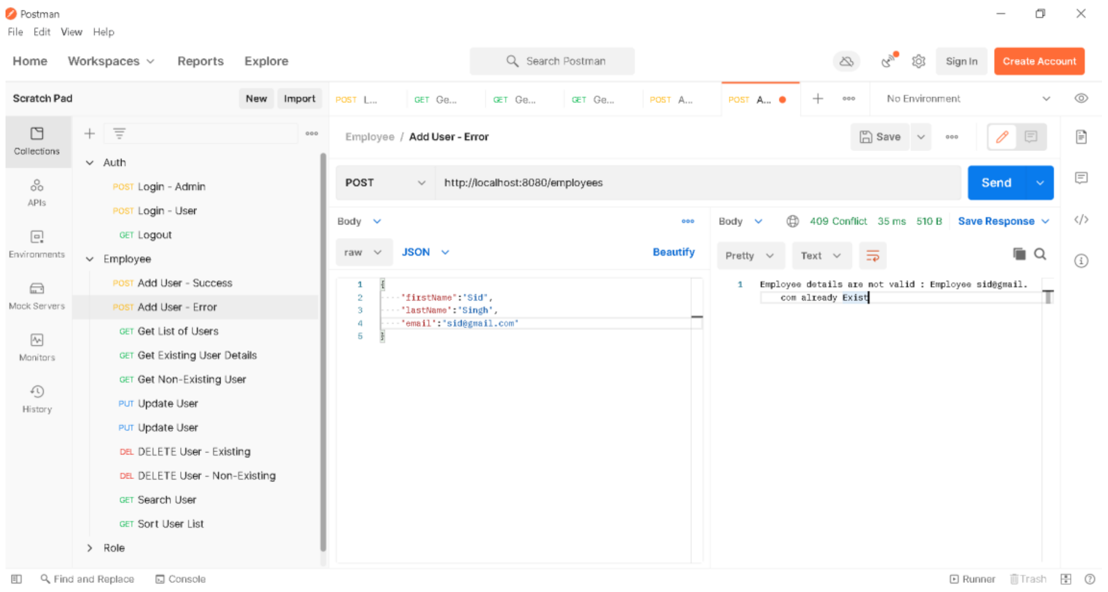
Body: raw, JSON

```
{
    "firstName":"Sid",
    "lastName":"Singh",
    "email":""
}
```

Response: 409 Conflict 16 ms 494 B

```
Employee details are not valid : Email cannot be null
```

10. Add Employee – Error – Email Already Exists


Employee / Add User - Error

POST http://localhost:8080/employees

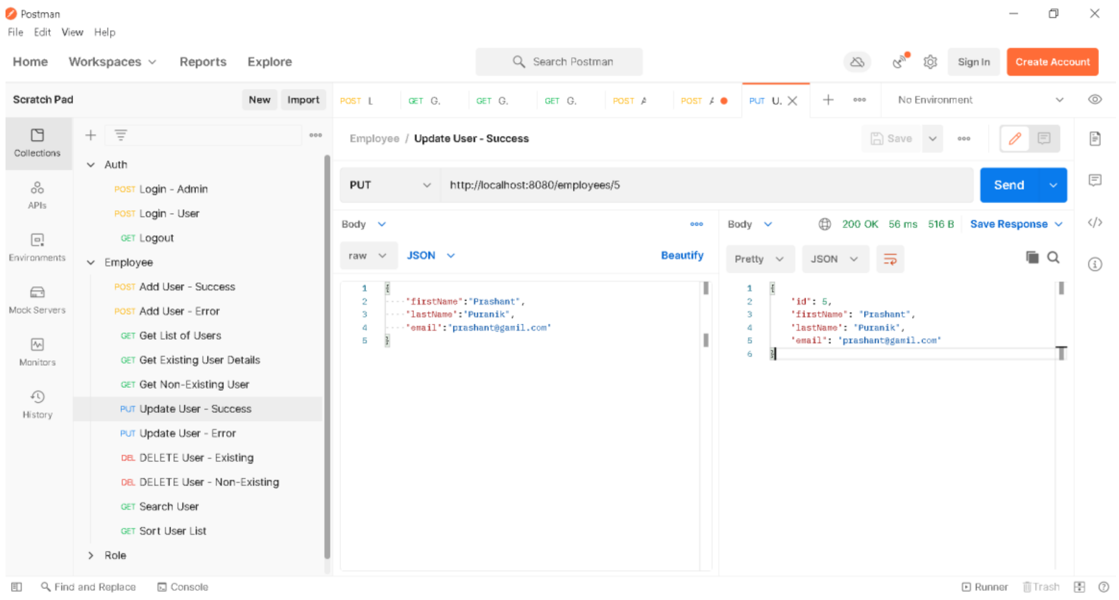
Body: raw, JSON

```
{
    "firstName":"Sid",
    "lastName":"Singh",
    "email":"sid@gmail.com"
}
```

Response: 409 Conflict 35 ms 510 B

```
Employee details are not valid : Employee sid@gmail.
    com already Exist
```

11. Update Employee – Success


Employee / Update User - Success

PUT http://localhost:8080/employees/5

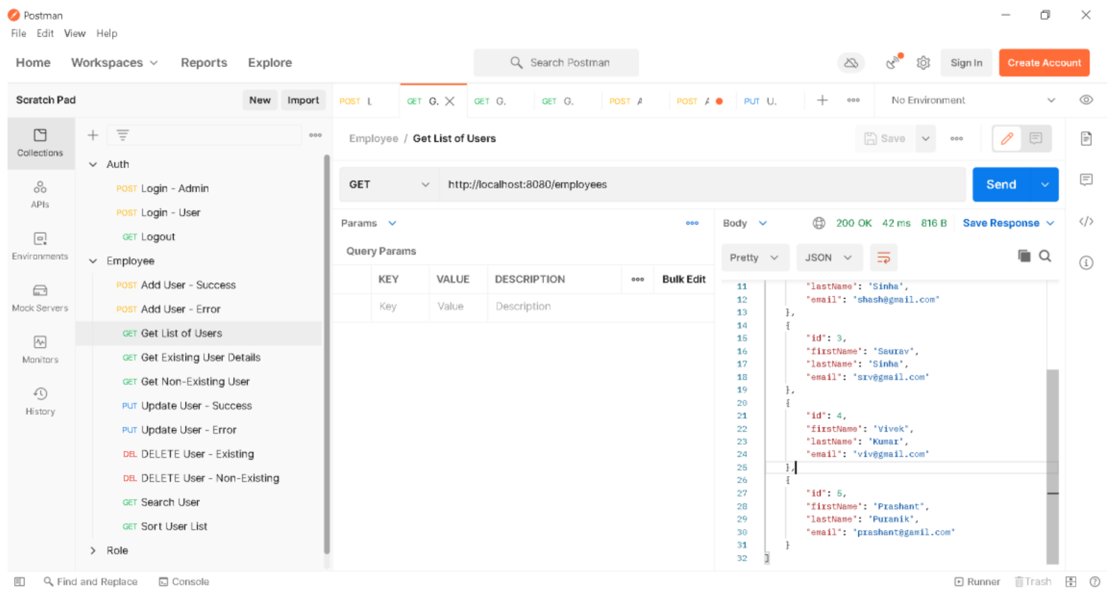
Body: raw, JSON

```
{
    "firstName":"Prashant",
    "lastName":"Puranik",
    "email":"prashant@gamil.com"
}
```

Response: 200 OK 56 ms 516 B

```
{
    "id": 5,
    "firstName": "Prashant",
    "lastName": "Puranik",
    "email": "prashant@gamil.com"
}
```

12. Get List of Employees – After Update



Employee / Get List of Users

GET http://localhost:8080/employees

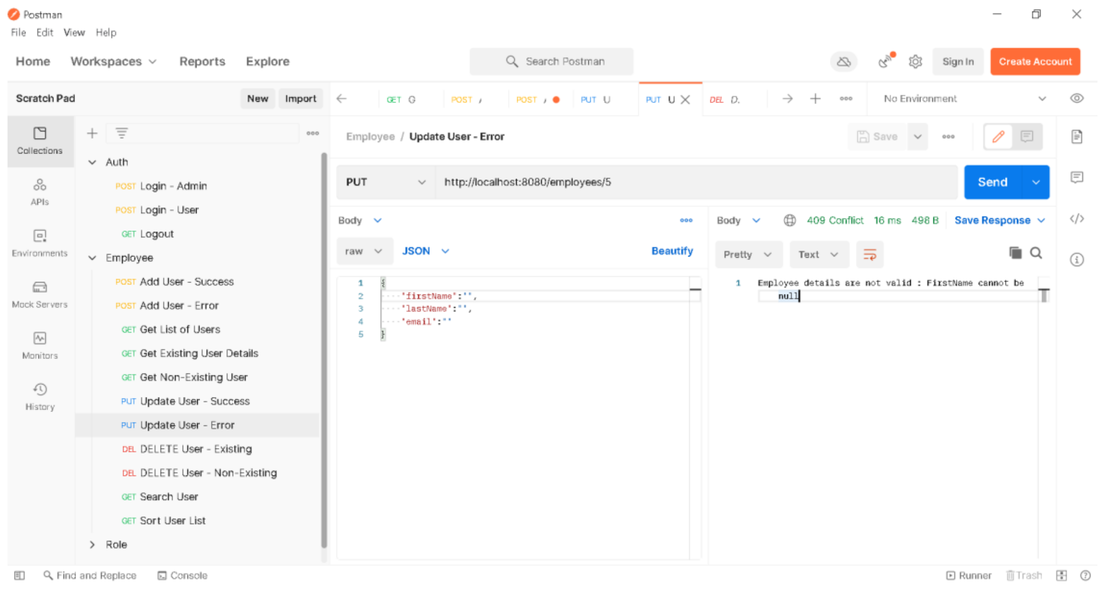
Params — Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body 200 OK 42 ms 816 B

```
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 3,
        "firstName": "Saurav",
        "lastName": "Sinha",
        "email": "srv@gmail.com"
    },
    {
        "id": 4,
        "firstName": "Vivek",
        "lastName": "Kumar",
        "email": "viv@gmail.com"
    },
    {
        "id": 5,
        "firstName": "Prashant",
        "lastName": "Puranik",
        "email": "prashant@gamil.com"
    }
]
```

13. Update Employee – Error



Employee / Update User - Error

PUT http://localhost:8080/employees/5

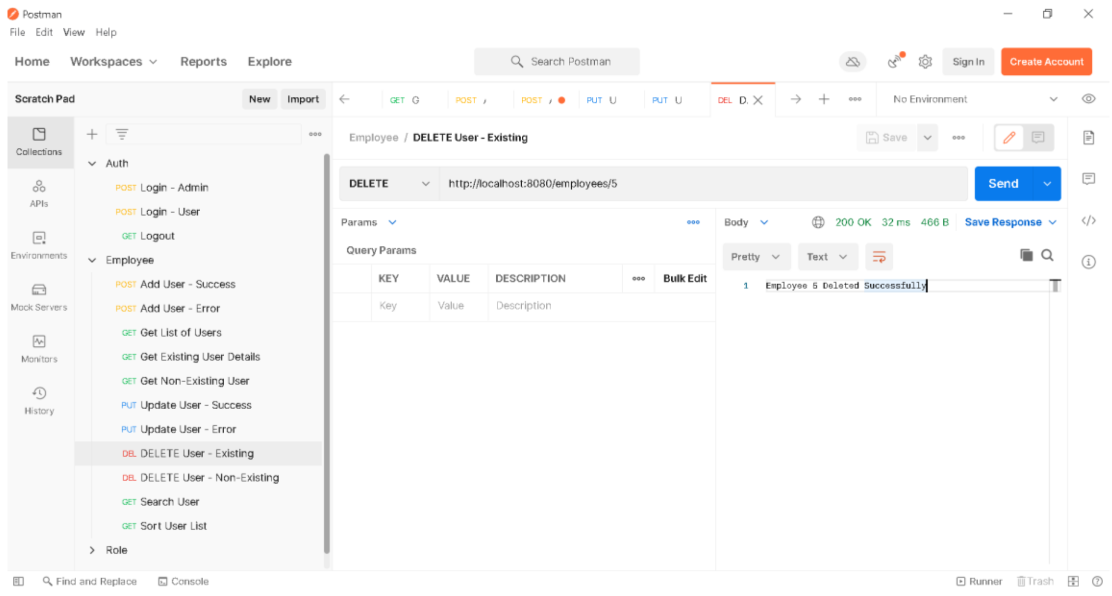
Body raw JSON

```
{
    "firstName":"",
    "lastName":"",
    "email":""
}
```

Body 409 Conflict 16 ms 498 B

```
Employee details are not valid : FirstName cannot be
    null
```

14. Delete Employee – Success



Employee / DELETE User - Existing

DELETE http://localhost:8080/employees/5

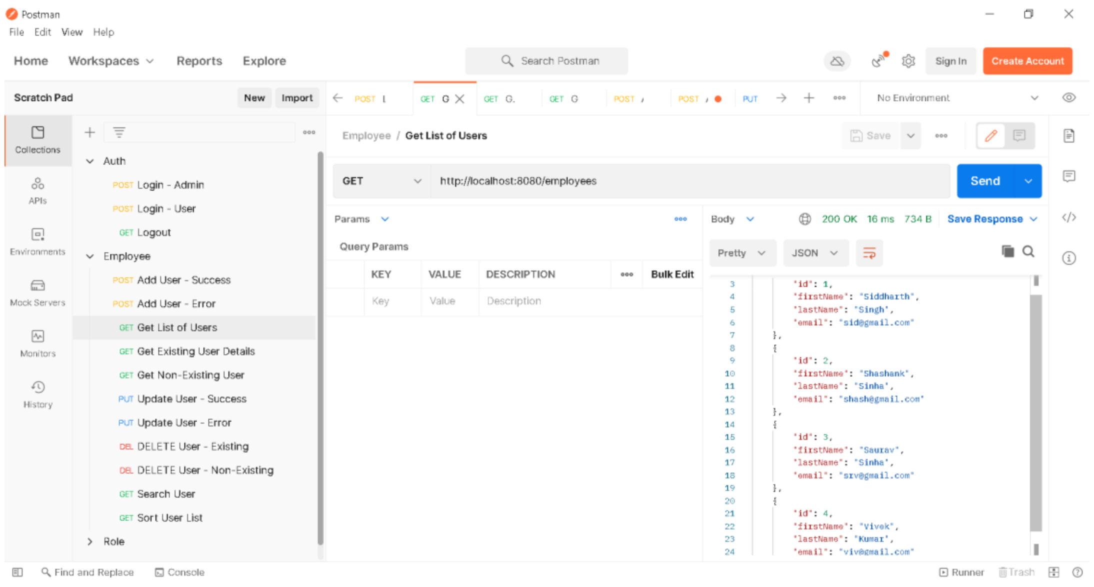
Params — Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body 200 OK 32 ms 466 B

```
Employee 5 Deleted Successfully
```

15. Get List of Employee – After Deletion



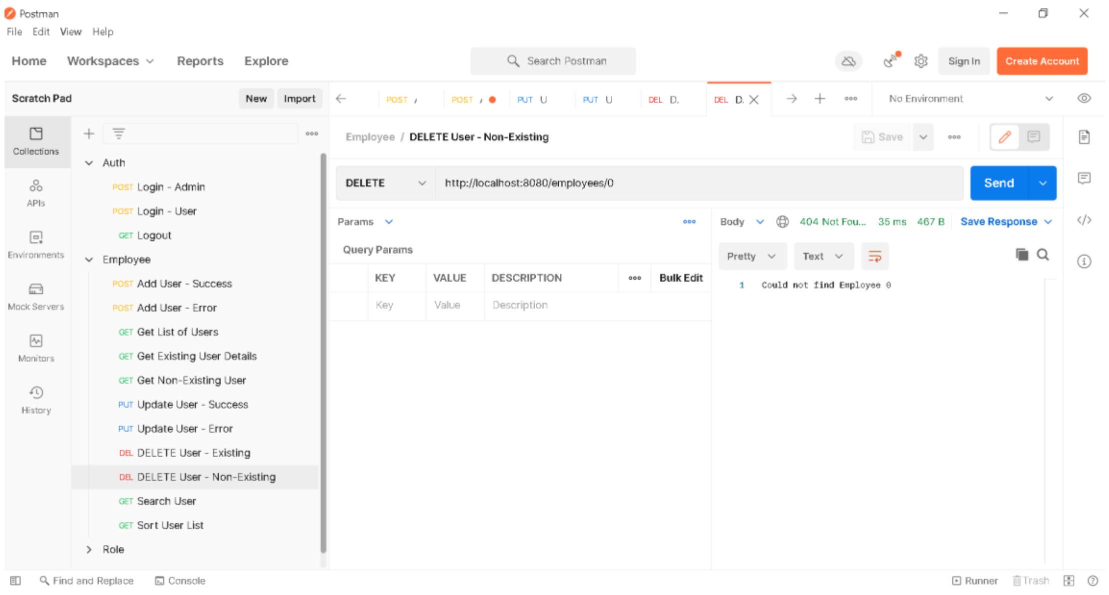
Employee / Get List of Users

GET http://localhost:8080/employees

200 OK 16 ms 734 B

```
        "id": 1,
        "firstName": "Siddharth",
        "lastName": "Singh",
        "email": "sid@gmail.com"
    },
    {
        "id": 2,
        "firstName": "Shashank",
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 3,
        "firstName": "Saurav",
        "lastName": "Sinha",
        "email": "srv@gmail.com"
    },
    {
        "id": 4,
        "firstName": "Vivek",
        "lastName": "Kumar",
        "email": "viv@gmail.com"
```

16. Delete Employee – Error



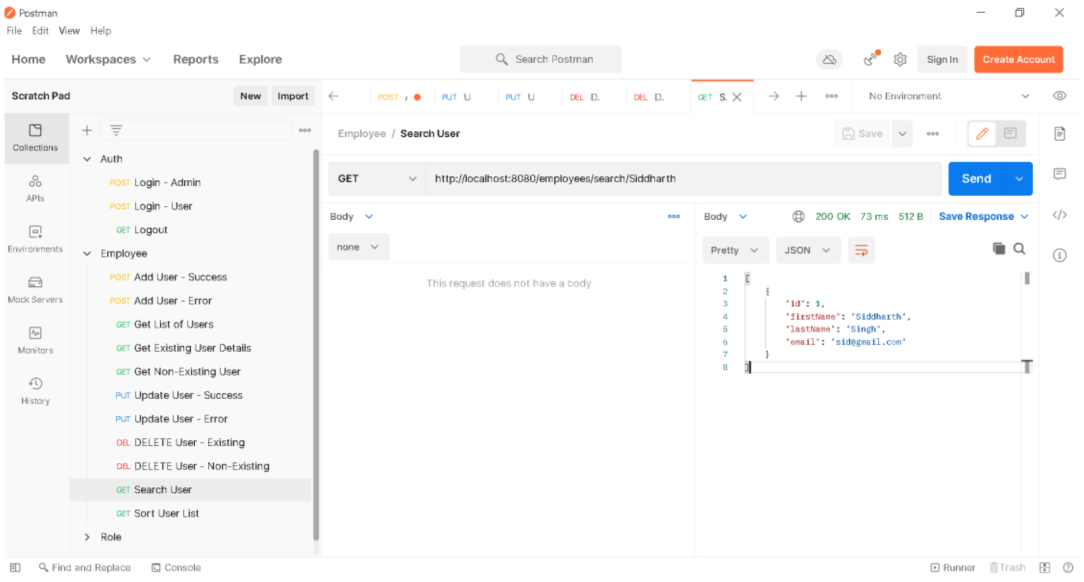
Employee / DELETE User - Non-Existing

DELETE http://localhost:8080/employees/0

404 Not Fou... 35 ms 467 B

```
Could not find Employee 0
```

17. Searc Employee



Employee / Search User

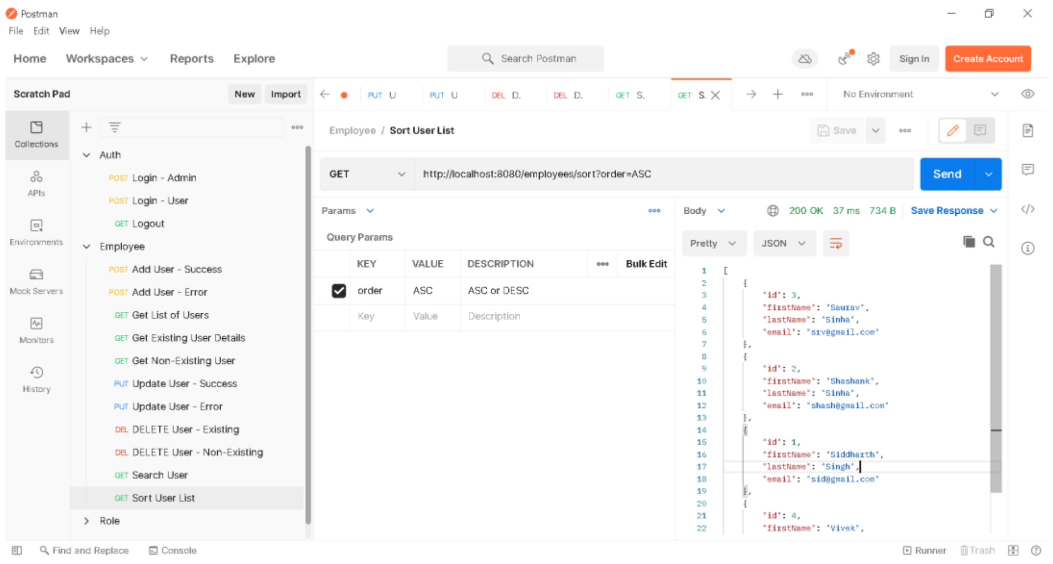
GET http://localhost:8080/employees/search/Siddharth

This request does not have a body

200 OK 73 ms 512 B

```
[
    {
        "id": 1,
        "firstName": "Siddharth",
        "lastName": "Singh",
        "email": "sid@gmail.com"
    }
]
```

18. Sort Employees – Ascending



Employee / Sort User List

GET http://localhost:8080/employees/sort?order=ASC

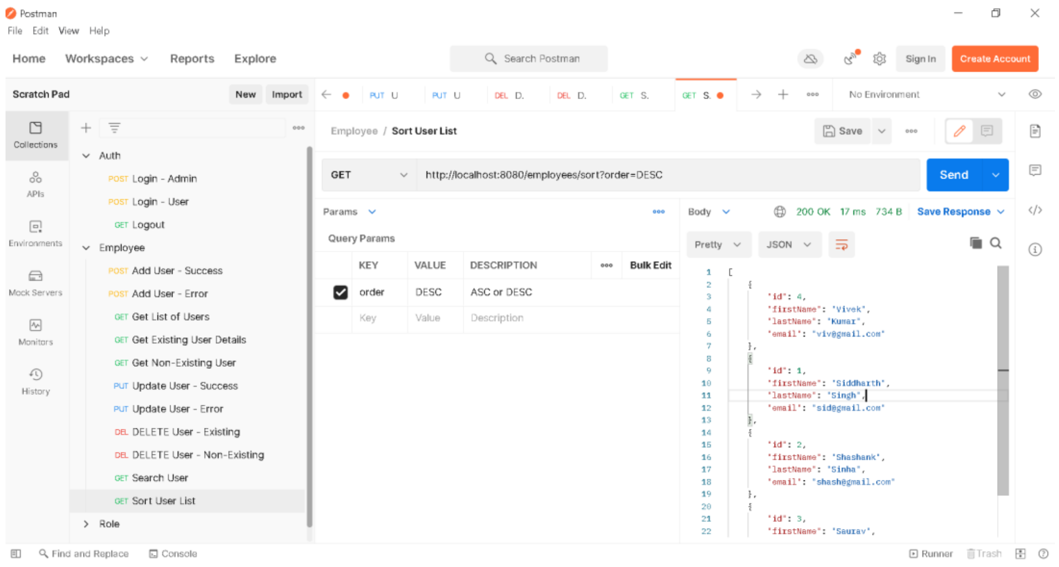
Query Params

	KEY	VALUE	DESCRIPTION
✓	order	ASC	ASC or DESC

200 OK 37 ms 734 B

```
[
    {
        "id": 3,
        "firstName": "Saurav",
        "lastName": "Sinha",
        "email": "srv@gmail.com"
    },
    {
        "id": 2,
        "firstName": "Shashank",
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 1,
        "firstName": "Siddharth",
        "lastName": "Singh",
        "email": "sid@gmail.com"
    },
    {
        "id": 4,
        "firstName": "Vivek",
```

19. Sort Employees – Descending



Employee / Sort User List

GET http://localhost:8080/employees/sort?order=DESC

Query Params

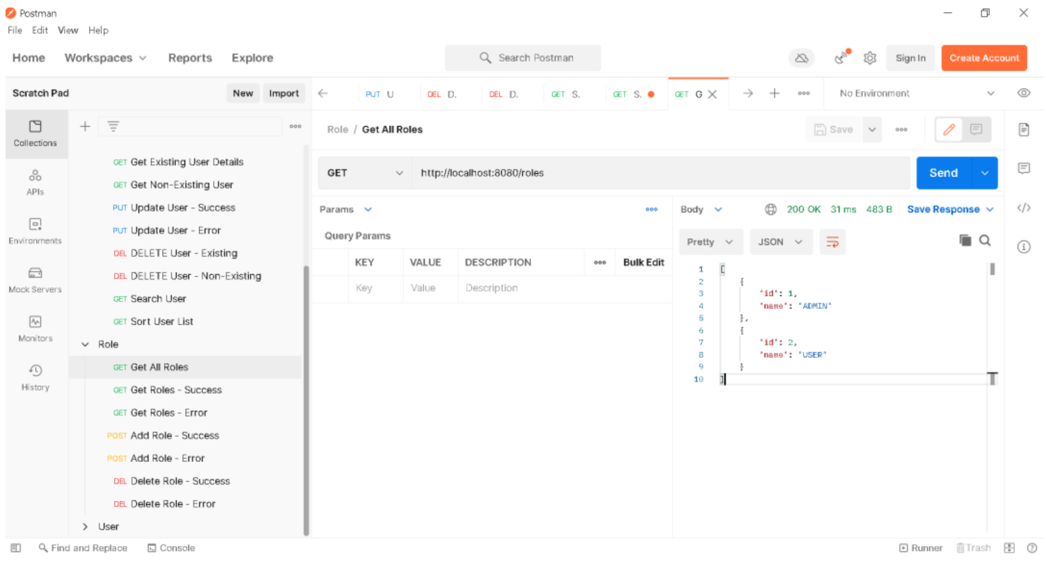
	KEY	VALUE	DESCRIPTION
✓	order	DESC	ASC or DESC

200 OK 17 ms 734 B

```
[
    {
        "id": 4,
        "firstName": "Vivek",
        "lastName": "Kumar",
        "email": "viv@gmail.com"
    },
    {
        "id": 1,
        "firstName": "Siddharth",
        "lastName": "Singh",
        "email": "sid@gmail.com"
    },
    {
        "id": 2,
        "firstName": "Shashank",
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 3,
        "firstName": "Saurav",
```

b) Roles DB

01. Get All Roles



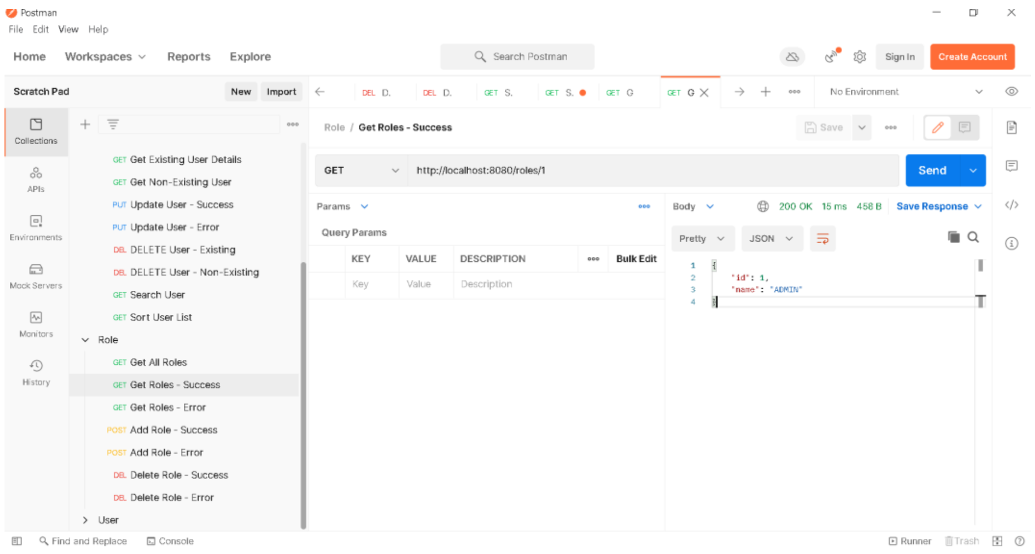
Role / Get All Roles

GET http://localhost:8080/roles

200 OK 31 ms 483 B

```
[
    {
        "id": 1,
        "name": "ADMIN"
    },
    {
        "id": 2,
        "name": "USER"
    }
]
```

02. Get Role – Success

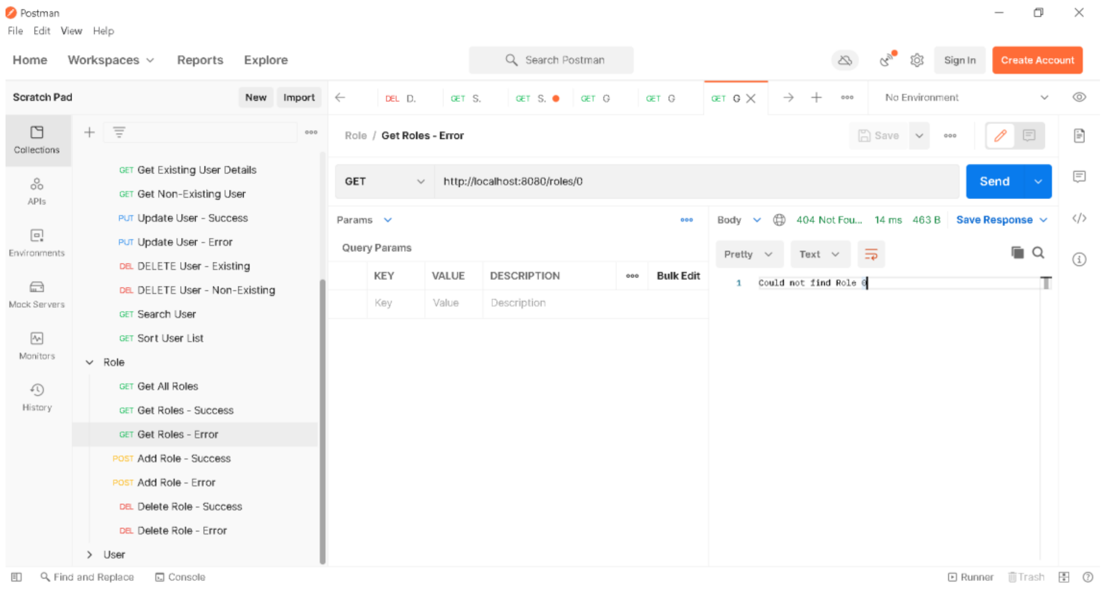


GET http://localhost:8080/roles/1

200 OK 15 ms 458 B

```
{
"id": 1,
"name": "ADMIN"
}
```

03. Get Role –Error

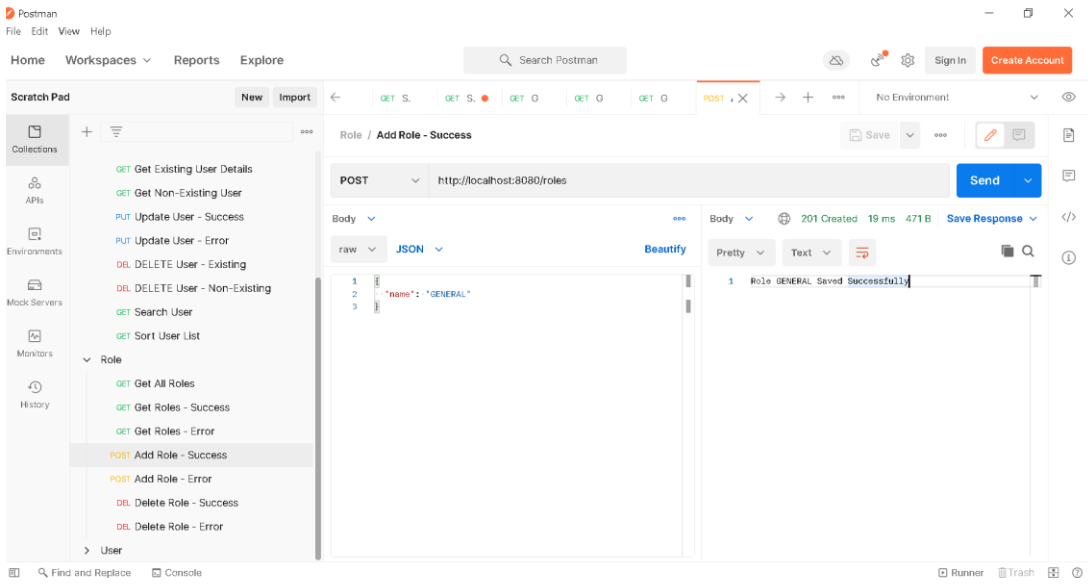


GET http://localhost:8080/roles/0

404 Not Fou... 14 ms 463 B

```
Could not find Role 0
```

04. Add Role – Success



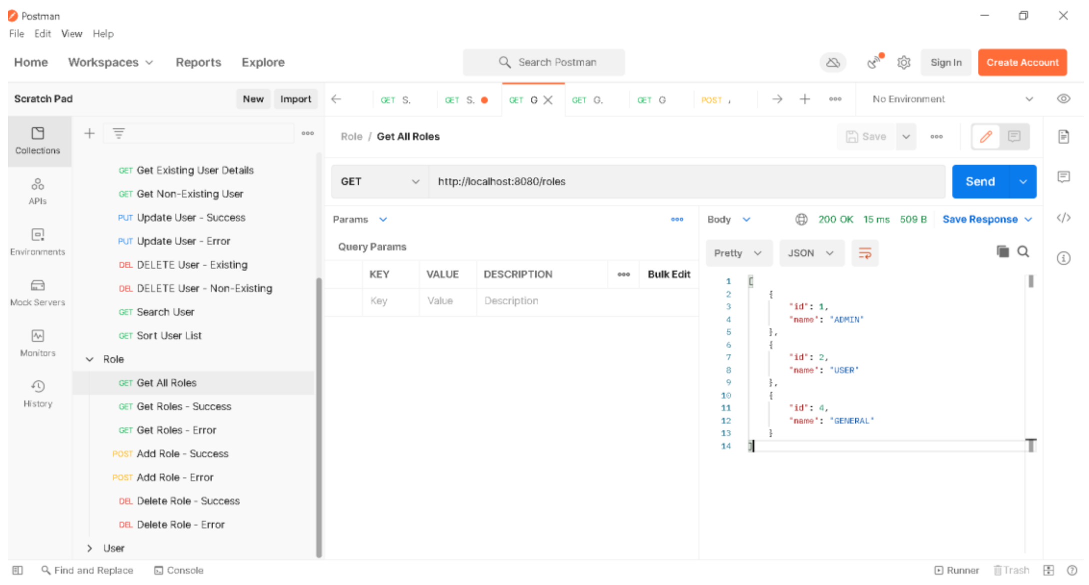
POST http://localhost:8080/roles

```
{
"name": "GENERAL"
}
```

201 Created 19 ms 471 B

```
Role GENERAL Saved Successfully
```

05. Get All Roles – After Addition

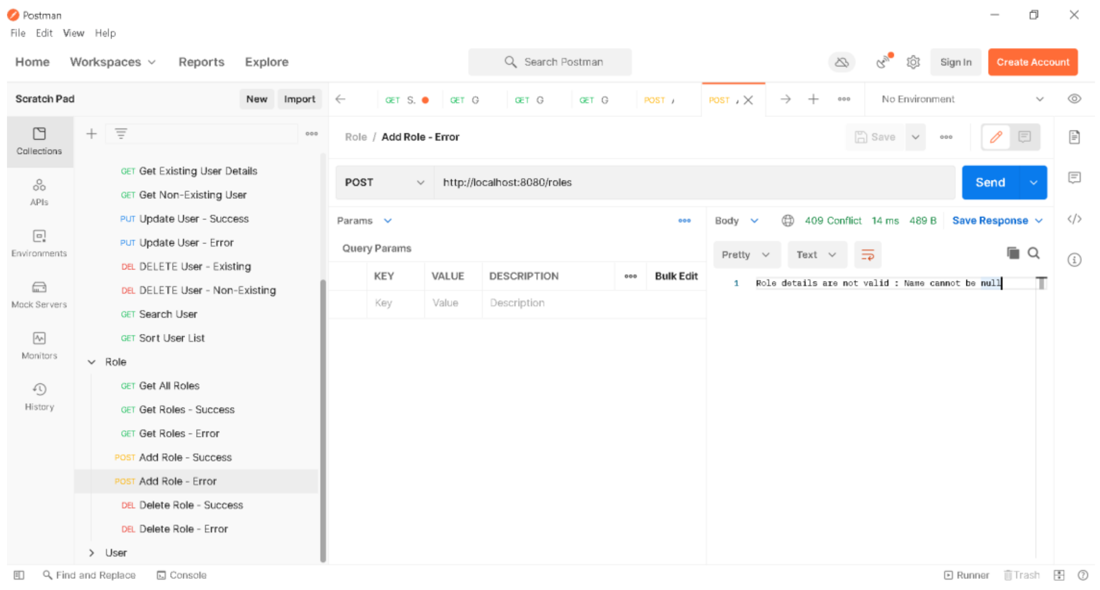


GET http://localhost:8080/roles

200 OK 15 ms 509 B

```
[
    {
        "id": 1,
        "name": "ADMIN"
    },
    {
        "id": 2,
        "name": "USER"
    },
    {
        "id": 4,
        "name": "GENERAL"
    }
]
```

06. Add Role – Error

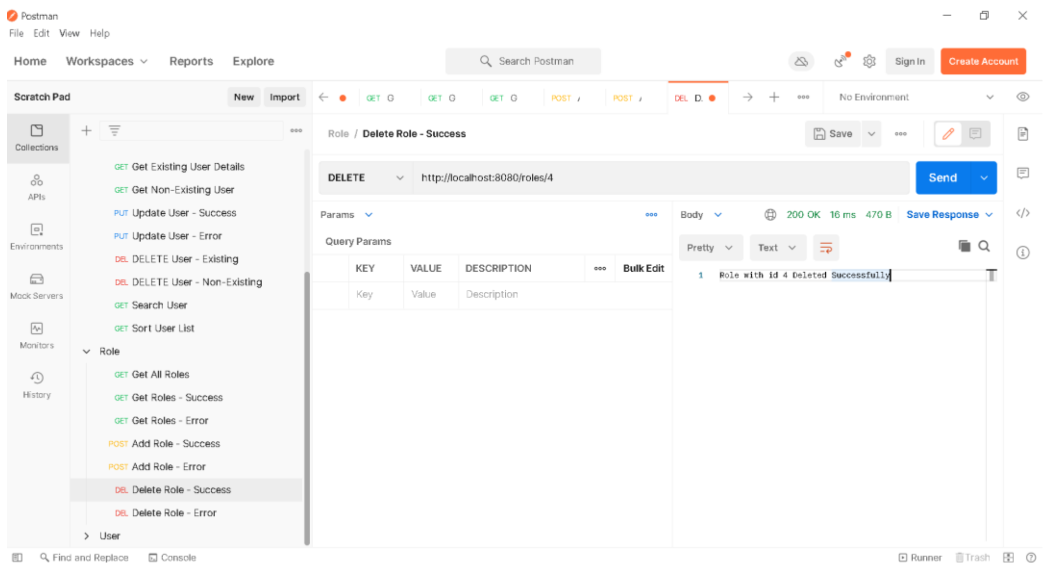


POST http://localhost:8080/roles

409 Conflict 14 ms 489 B

```
Role details are not valid : Name cannot be null
```

07. Delete Role – Success

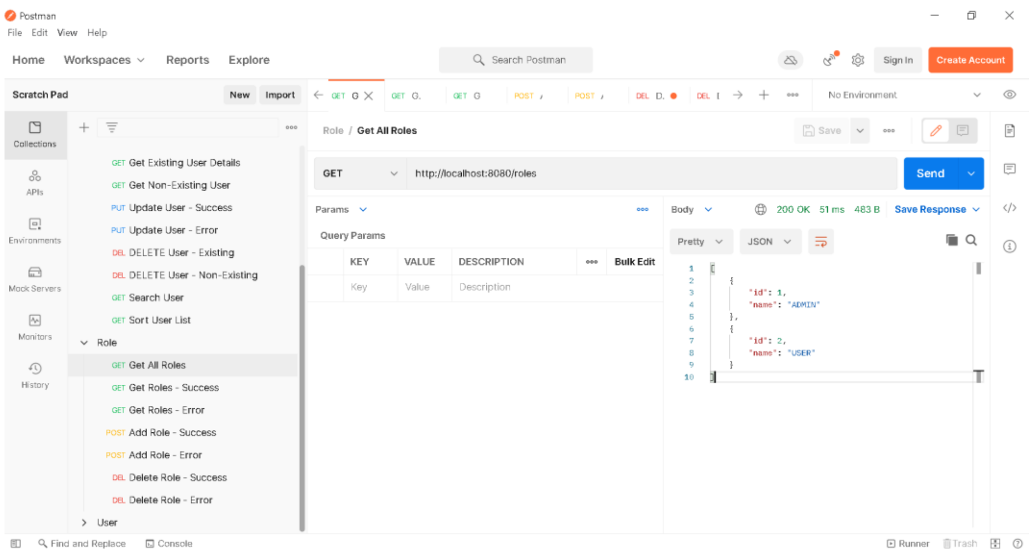


DELETE http://localhost:8080/roles/4

200 OK 16 ms 470 B

```
Role with id 4 Deleted Successfully
```

08. Get All Roles – After Deletion

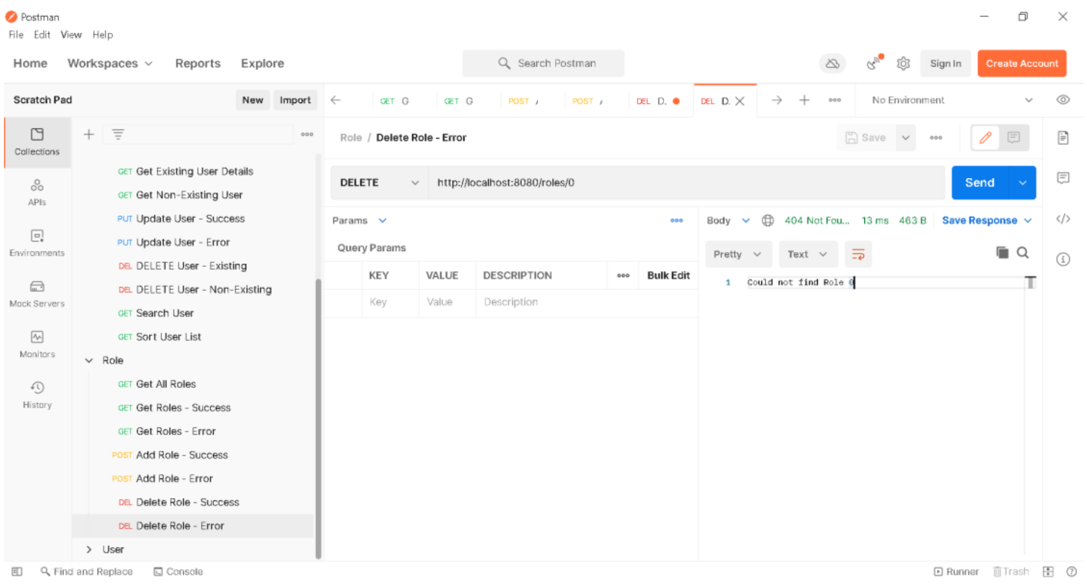


GET http://localhost:8080/roles

200 OK 51 ms 483 B

```
[
    {
        "id": 1,
        "name": "ADMIN"
    },
    {
        "id": 2,
        "name": "USER"
    }
]
```

09. Delete Role – Error



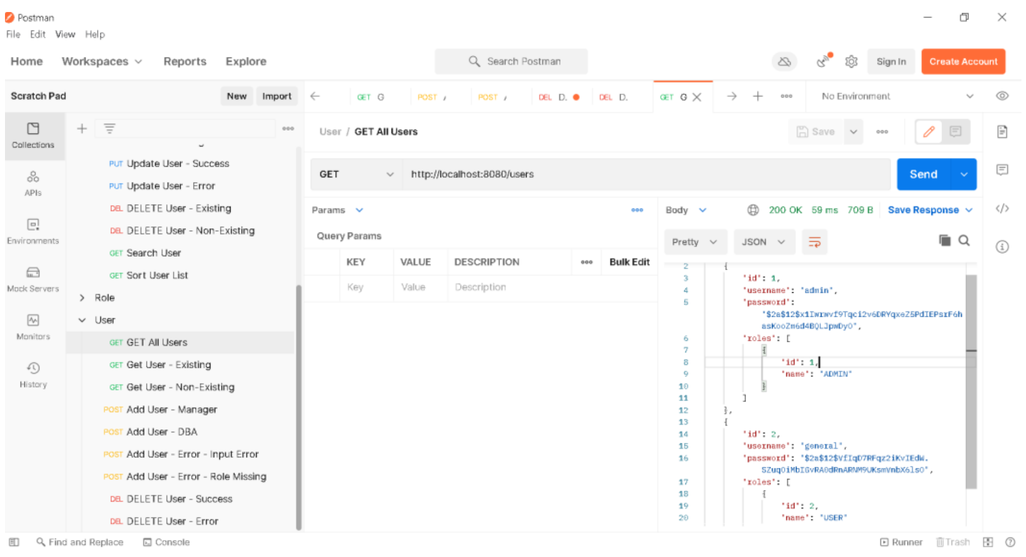
DELETE http://localhost:8080/roles/0

404 Not Fou... 13 ms 463 B

```
Could not find Role 0
```

c) Users DB

1) Get All Users

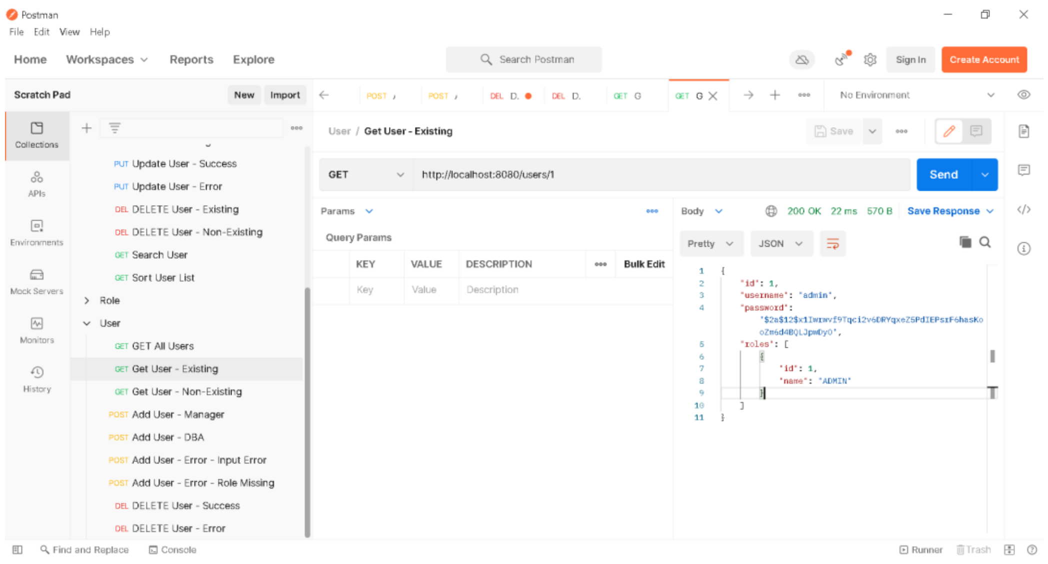

Postman
File Edit View Help
Home Workspaces Reports Explore
Search Postman
Sign In Create Account
Scratch Pad New Import
Collections APIs Environments Mock Servers Monitors History
PUT Update User - Success
PUT Update User - Error
DEL DELETE User - Existing
DEL DELETE User - Non-Existing
GET Search User
GET Sort User List
Role
User
GET GET All Users
GET Get User - Existing
GET Get User - Non-Existing
POST Add User - Manager
POST Add User - DBA
POST Add User - Error - Input Error
POST Add User - Error - Role Missing
DEL DELETE User - Success
DEL DELETE User - Error
No Environment
User / GET All Users
Save
Params
Query Params
KEY VALUE DESCRIPTION Bulk Edit
Key Value Description
Body
Save Response
Pretty JSON
Find and Replace Console Runner Trash

GET http://localhost:8080/users

200 OK 59 ms 709 B

```
    {
        "id": 1,
        "username": "admin",
        "password":
            "$2a$12$x1Iwrwvf9Tqci2v6DRYqxeZ5PdIEPsrF6h
            asKooZm6d4BQLJpwDyO",
        "roles": [
            {
                "id": 1,
                "name": "ADMIN"
            }
        ]
    },
    {
        "id": 2,
        "username": "general",
        "password": "$2a$12$VfIqD7RFqz2iKvIEdW.
            5ZuqOiMbIGvRA0dRnARNM9UKsmVnbX6lsO",
        "roles": [
            {
                "id": 2,
                "name": "USER"
```

2) Get User – Success

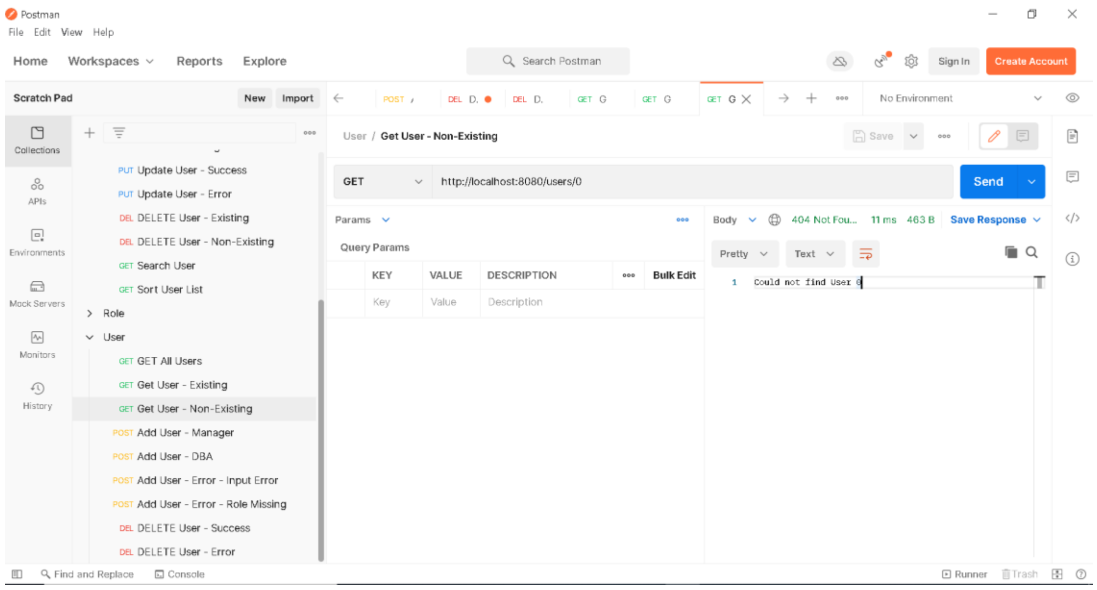

User / Get User - Existing

GET http://localhost:8080/users/1

200 OK 22 ms 570 B

```
{
    "id": 1,
    "username": "admin",
    "password":
        "$2a$12$x1Iwrwvf9Tqci2v6DRYqxeZ5PdIEPsrF6hasKo
        oZm6d4BQLJpwDy0",
    "roles": [
        {
            "id": 1,
            "name": "ADMIN"
        }
    ]
}
```

3) Get User – Error

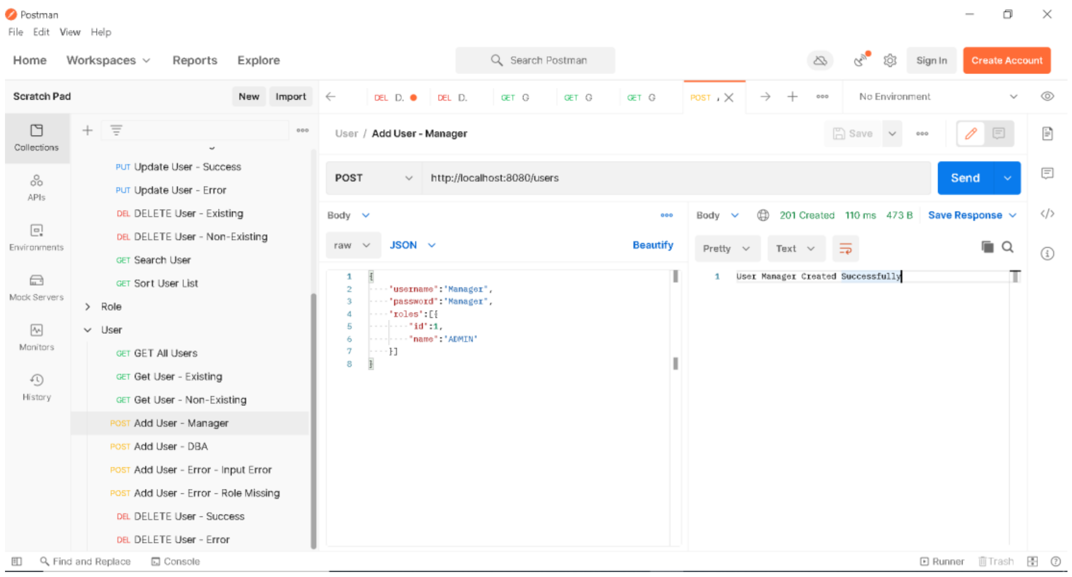

User / Get User - Non-Existing

GET http://localhost:8080/users/0

404 Not Fou... 11 ms 463 B

```
Could not find user 0
```

4) Add User – Admin Role


User / Add User - Manager

POST http://localhost:8080/users

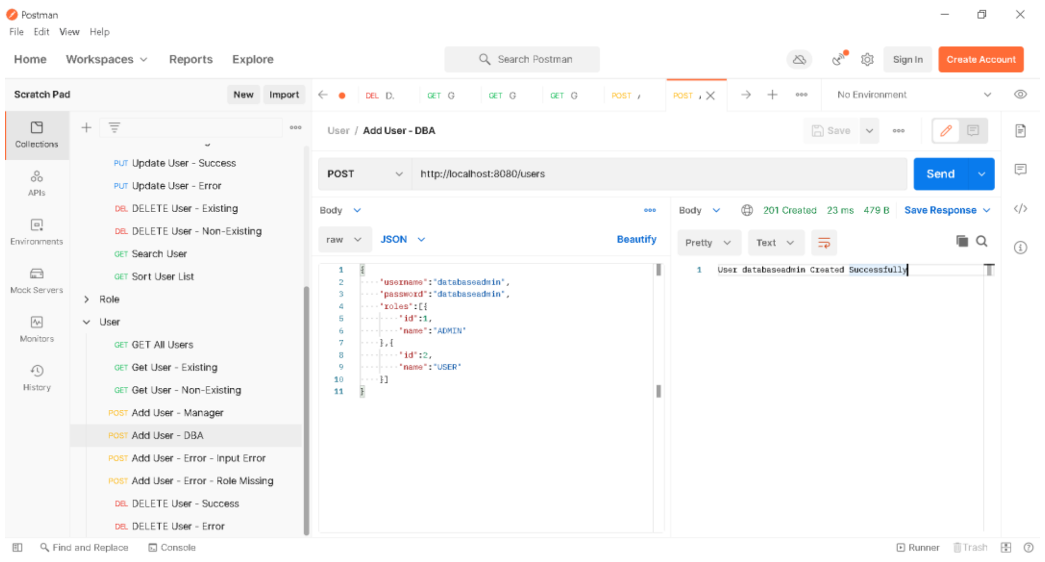
Body raw JSON

```
{
    "username":"Manager",
    "password":"Manager",
    "roles":[{
        "id":1,
        "name":"ADMIN"
    }]
}
```

201 Created 110 ms 473 B

```
User Manager Created Successfully
```

5) Add User – Admin and User Role



User / Add User - DBA

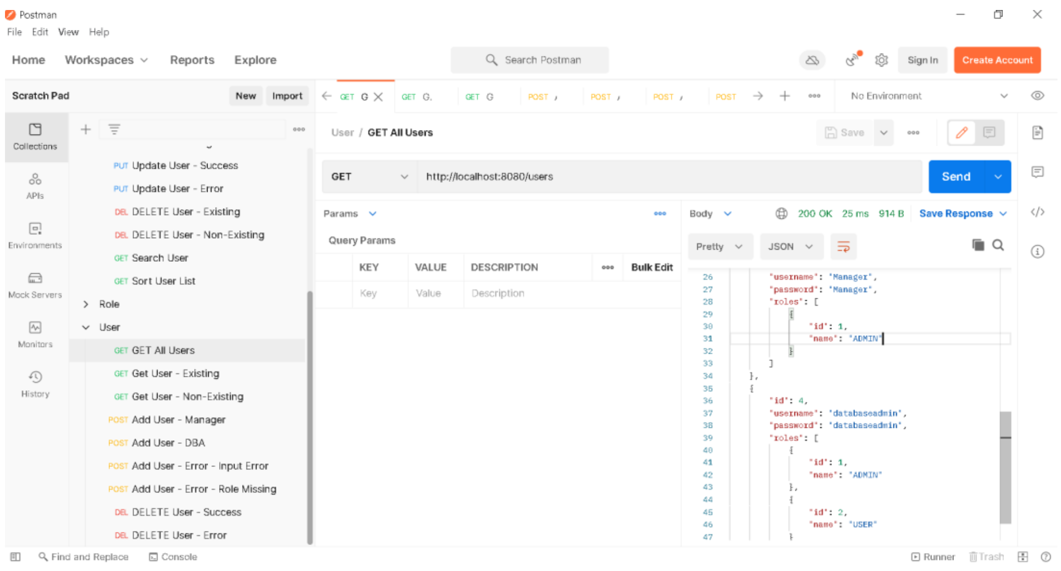
POST http://localhost:8080/users

```
{
    "username":"databaseadmin",
    "password":"databaseadmin",
    "roles":[{
        "id":1,
        "name":"ADMIN"
    },{
        "id":2,
        "name":"USER"
    }]
}
```

201 Created 23 ms 479 B

```
User databaseadmin Created Successfully
```

6) Get All User – After Addition



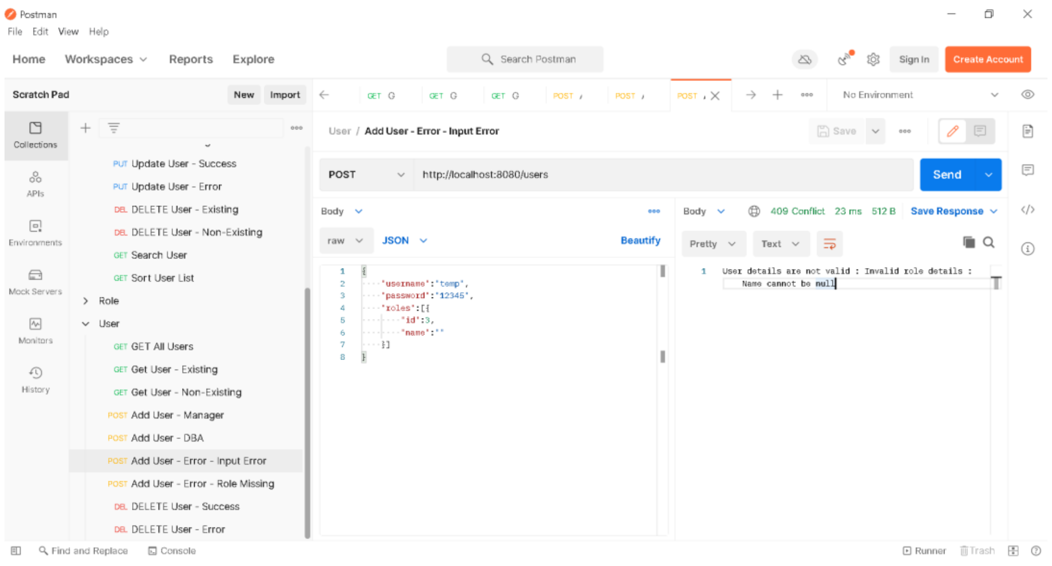
User / GET All Users

GET http://localhost:8080/users

200 OK 25 ms 914 B

```
            "username": "Manager",
            "password": "Manager",
            "roles": [
                {
                    "id": 1,
                    "name": "ADMIN"
                }
            ]
        },
        {
            "id": 4,
            "username": "databaseadmin",
            "password": "databaseadmin",
            "roles": [
                {
                    "id": 1,
                    "name": "ADMIN"
                },
                {
                    "id": 2,
                    "name": "USER"
                }
```

7) Add User – Error – Input Error



User / Add User - Error - Input Error

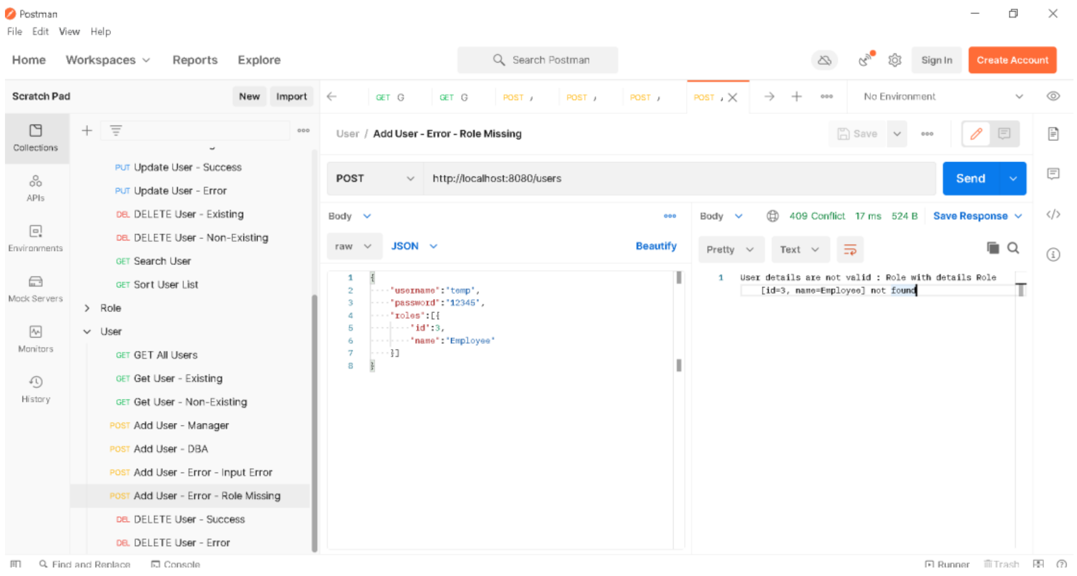
POST http://localhost:8080/users

```
{
    "username":"temp",
    "password":"12345",
    "roles":[{
        "id":3,
        "name":""
    }]
}
```

409 Conflict 23 ms 512 B

```
User details are not valid : Invalid role details :
    Name cannot be null
```

8) Add User – Error – Role Missing



User / Add User - Error - Role Missing

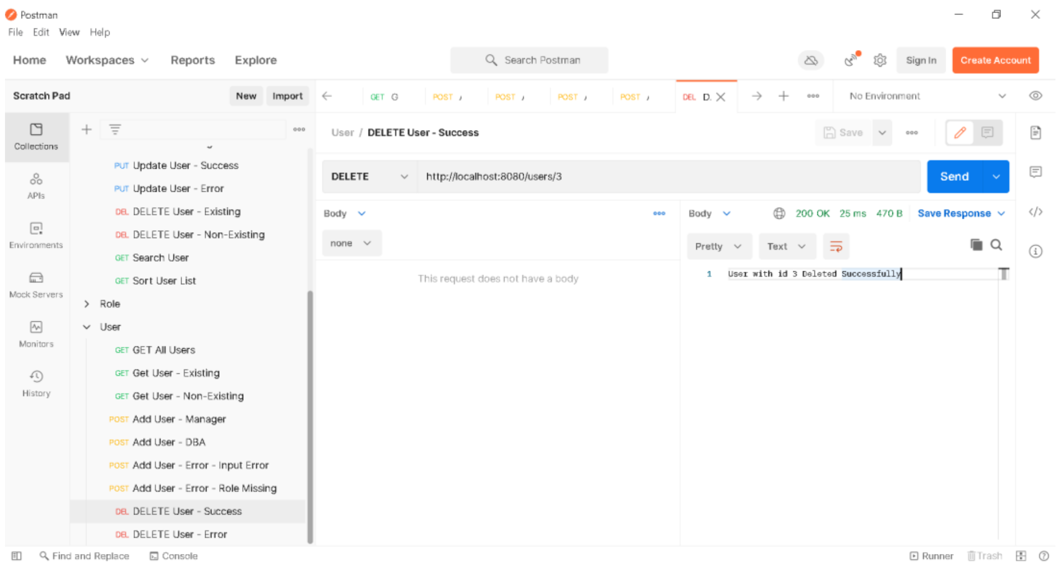
POST http://localhost:8080/users

```
{
    'username':'temp',
    'password':'12345',
    'roles':[{
        'id':3,
        'name':'Employee'
    }]
}
```

Body 409 Conflict 17 ms 524 B

```
User details are not valid : Role with details Role
    [id=3, name=Employee] not found
```

9) Delete User – Success



User / DELETE User - Success

DELETE http://localhost:8080/users/3

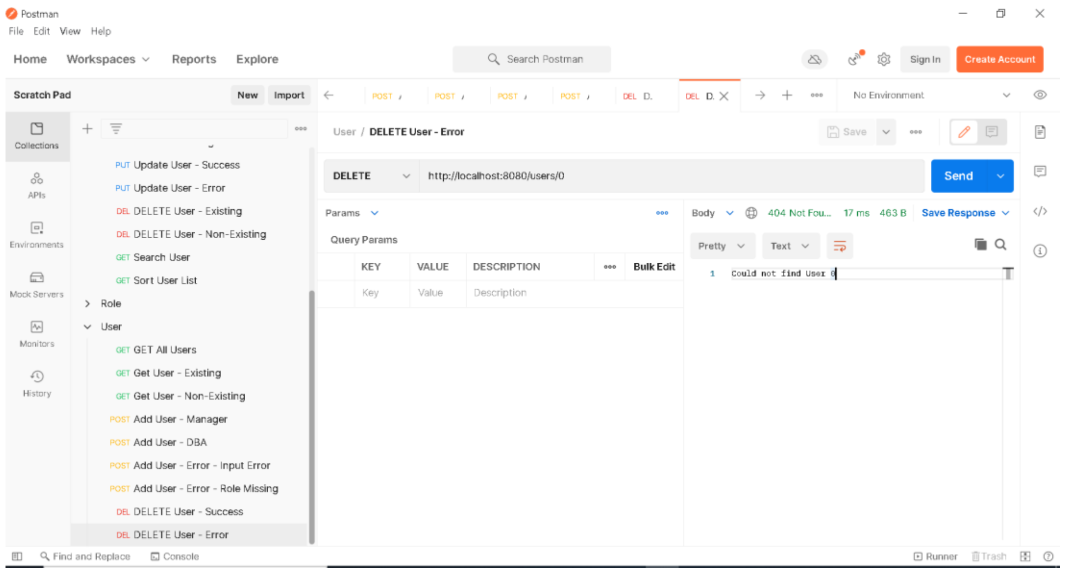
Body: none

This request does not have a body

Body 200 OK 25 ms 470 B

```
User with id 3 Deleted Successfully
```

10) Delete User – Error



User / DELETE User - Error

DELETE http://localhost:8080/users/0

Params

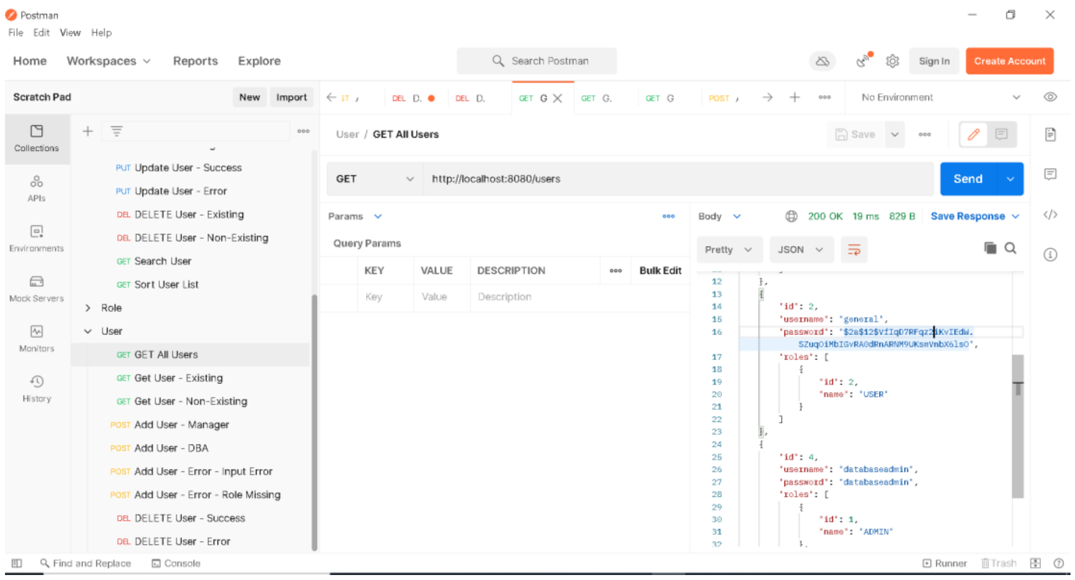
Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body 404 Not Fou... 17 ms 463 B

```
Could not find User 0
```

11) Get All Users – After Deletion



User / GET All Users

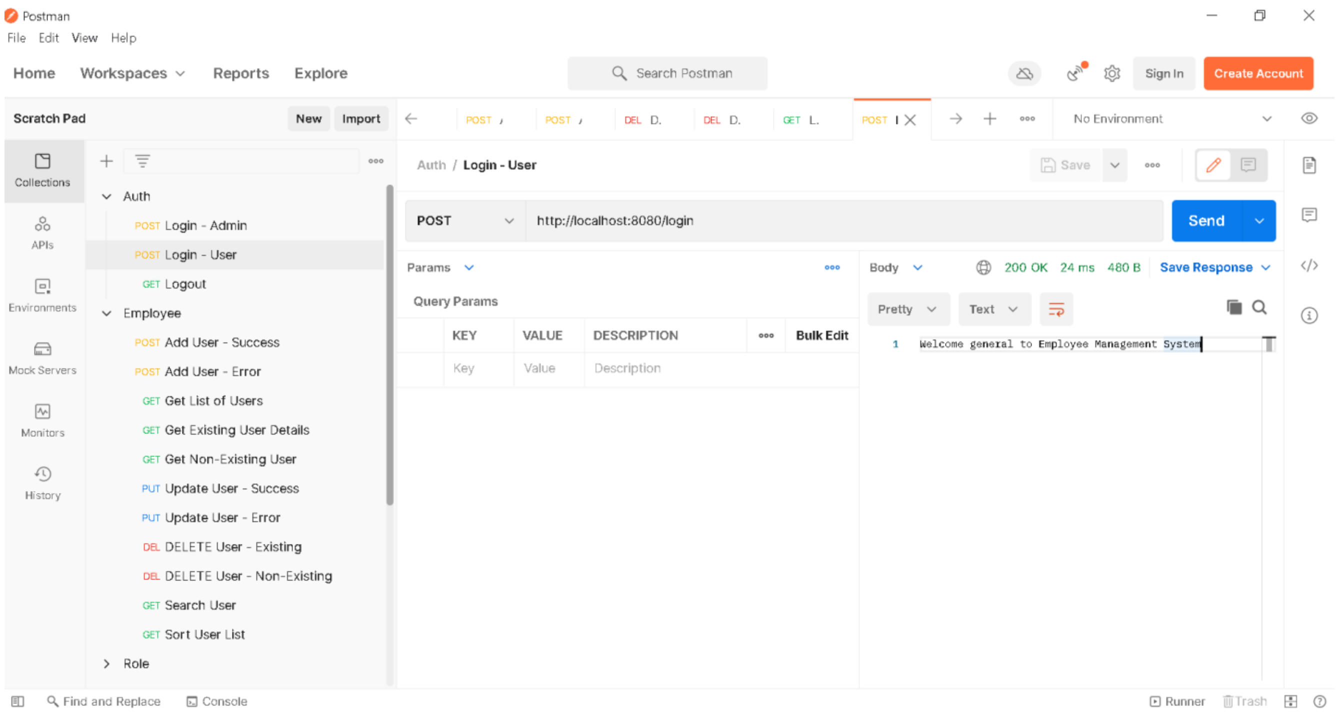
GET http://localhost:8080/users

200 OK 19 ms 829 B

```
    },
    {
        "id": 2,
        "username": "general",
        "password": "$2a$12$VfIqD7RFqz2iKvIEdW.
            SZuqOiMbIGvRA0dRnARNM9UKsmVnbX6lsO",
        "roles": [
            {
                "id": 2,
                "name": "USER"
            }
        ]
    },
    {
        "id": 4,
        "username": "databaseadmin",
        "password": "databaseadmin",
        "roles": [
            {
                "id": 1,
                "name": "ADMIN"
            },
```

02 GENERAL USER

1) Login



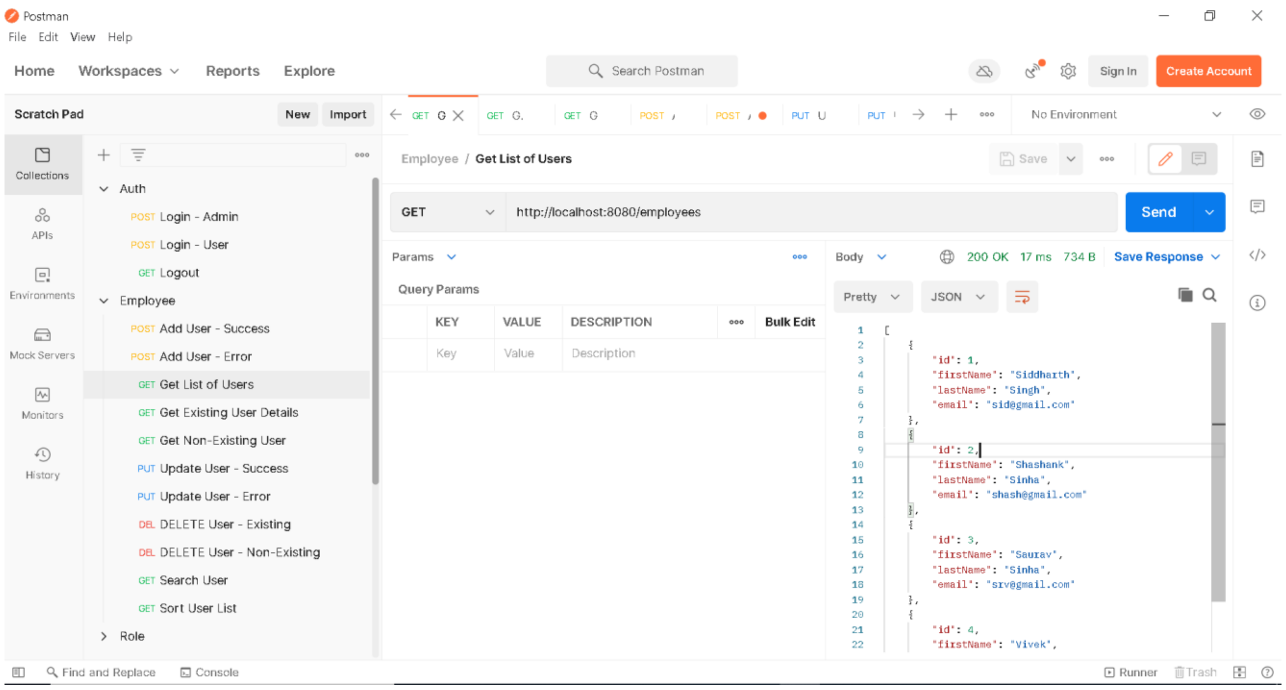
Auth / Login - User

```
POST http://localhost:8080/login
```

Body — 200 OK 24 ms 480 B

```
Welcome general to Employee Management System
```

2) Get List of Users



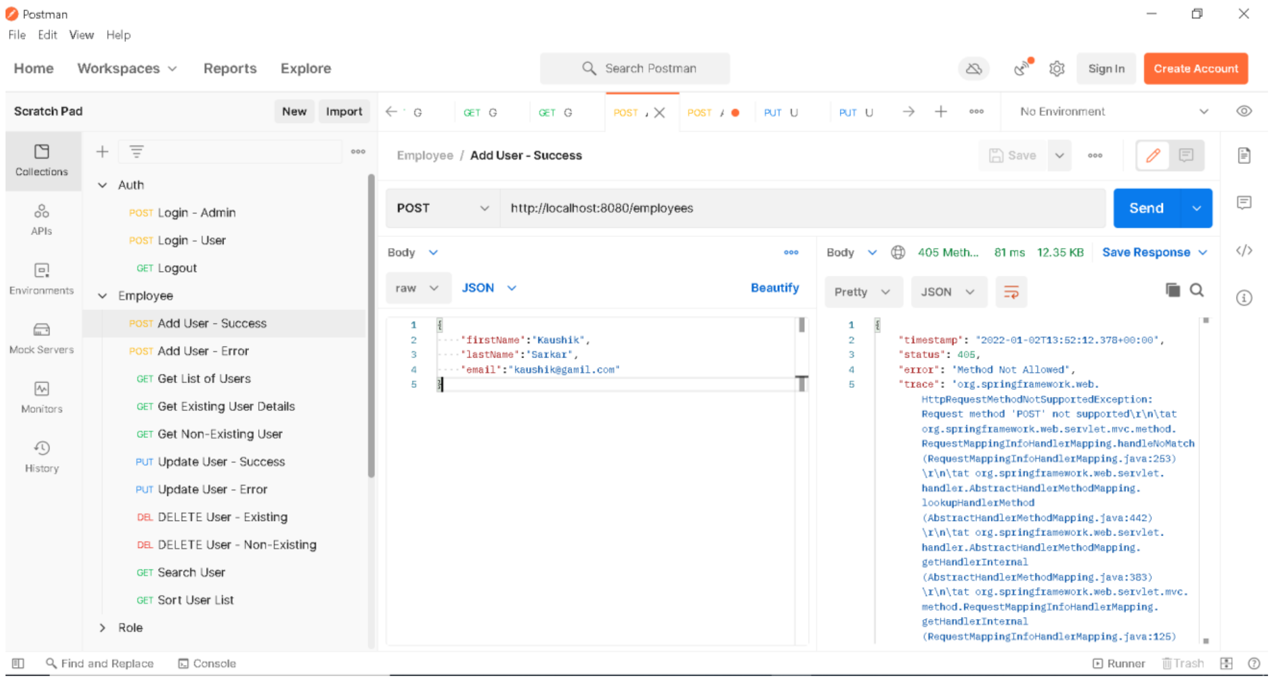
Employee / Get List of Users

```
GET http://localhost:8080/employees
```

Body — 200 OK 17 ms 734 B

```
[
    {
        "id": 1,
        "firstName": "Siddharth",
        "lastName": "Singh",
        "email": "sid@gmail.com"
    },
    {
        "id": 2,
        "firstName": "Shashank",
        "lastName": "Sinha",
        "email": "shash@gmail.com"
    },
    {
        "id": 3,
        "firstName": "Saurav",
        "lastName": "Sinha",
        "email": "srv@gmail.com"
    },
    {
        "id": 4,
        "firstName": "Vivek",
```

3) Add Employee – Error



Employee / Add User - Success

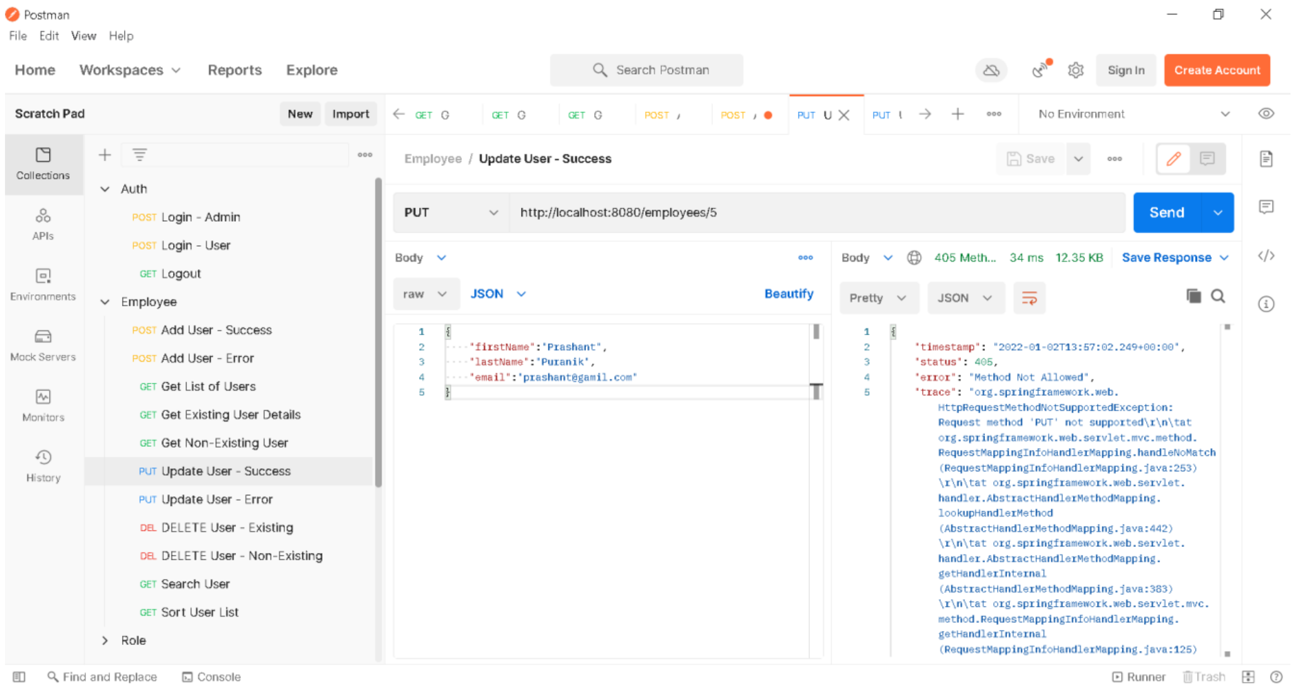
POST http://localhost:8080/employees

Body 405 Meth... 81 ms 12.35 KB

```
{
    "firstName":"Kaushik",
    "lastName":"Sarkar",
    "email":"kaushik@gamil.com"
}
```

```
{
    "timestamp": "2022-01-02T13:52:12.378+00:00",
    "status": 405,
    "error": "Method Not Allowed",
    "trace": "org.springframework.web.
        HttpRequestMethodNotSupportedException:
        Request method 'POST' not supported\r\n\tat
        org.springframework.web.servlet.mvc.method.
        RequestMappingInfoHandlerMapping.handleNoMatch
        (RequestMappingInfoHandlerMapping.java:253)
        \r\n\tat org.springframework.web.servlet.
        handler.AbstractHandlerMethodMapping.
        lookupHandlerMethod
        (AbstractHandlerMethodMapping.java:442)
        \r\n\tat org.springframework.web.servlet.
        handler.AbstractHandlerMethodMapping.
        getHandlerInternal
        (AbstractHandlerMethodMapping.java:383)
        \r\n\tat org.springframework.web.servlet.mvc.
        method.RequestMappingInfoHandlerMapping.
        getHandlerInternal
        (RequestMappingInfoHandlerMapping.java:125)
```

4) Update Employee – Error



Employee / Update User - Success

PUT http://localhost:8080/employees/5

Body 405 Meth... 34 ms 12.35 KB

```
{
    "firstName":"Prashant",
    "lastName":"Puranik",
    "email":"prashant@gamil.com"
}
```

```
{
    "timestamp": "2022-01-02T13:57:02.249+00:00",
    "status": 405,
    "error": "Method Not Allowed",
    "trace": "org.springframework.web.
        HttpRequestMethodNotSupportedException:
        Request method 'PUT' not supported\r\n\tat
        org.springframework.web.servlet.mvc.method.
        RequestMappingInfoHandlerMapping.handleNoMatch
        (RequestMappingInfoHandlerMapping.java:253)
        \r\n\tat org.springframework.web.servlet.
        handler.AbstractHandlerMethodMapping.
        lookupHandlerMethod
        (AbstractHandlerMethodMapping.java:442)
        \r\n\tat org.springframework.web.servlet.
        handler.AbstractHandlerMethodMapping.
        getHandlerInternal
        (AbstractHandlerMethodMapping.java:383)
        \r\n\tat org.springframework.web.servlet.mvc.
        method.RequestMappingInfoHandlerMapping.
        getHandlerInternal
        (RequestMappingInfoHandlerMapping.java:125)
```