Spring Rest Services Assignment

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Create a rest service with following endpoints

Get, Put, Post, Delete

Use any DB to persist your data

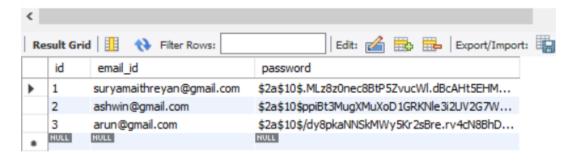
Use a password encoder to hash passwords

User Signup(POST)

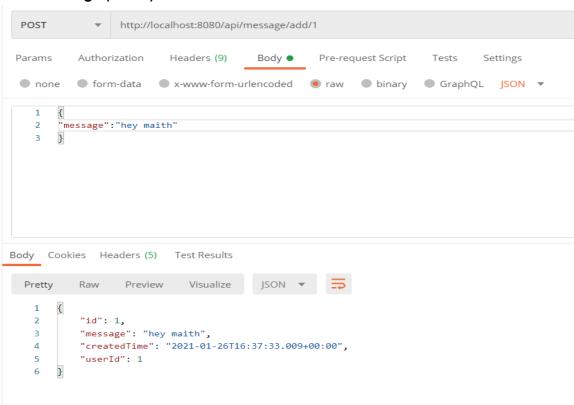
```
POST
                  http://localhost:8080/api/user/signup/
 Params
           Authorization
                          Headers (9)
                                                    Pre-request Script
                                         Body 

                                                                               Settings
           form-data
                        x-www-form-urlencoded  raw  binary
 none
                                                                     ■ GraphQL JSON ▼
    2
       "emailId":"suryamaithreyan@gmail.com",
    3 "password":"123"
Body Cookies Headers (5) Test Results
                   Preview
                              Visualize
    1
           "emailId": "suryamaithreyan@gmail.com",
           "privateMessages": null
   4
```

User Table



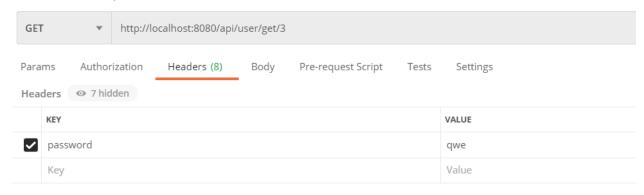
Send Message (POST)

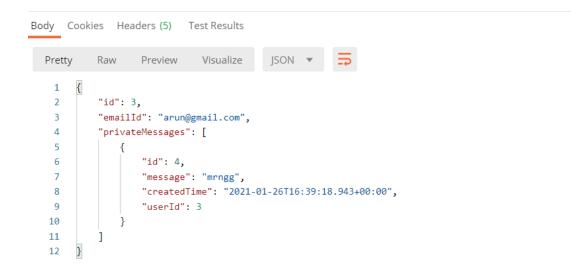


Message Table

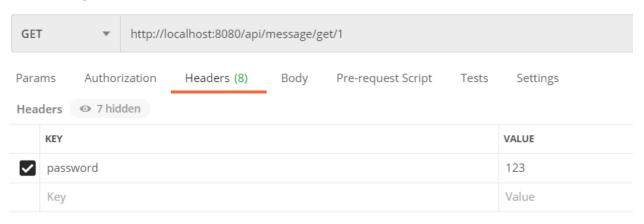
	id	created_time	message	user_id
•	1	2021-01-26 22:07:33.009000	hey maith	1
	2	2021-01-26 22:08:53.278000	Welcome	1
	3	2021-01-26 22:09:04.323000	ashwin jii	2
	4	2021-01-26 22:09:18.943000	mrngg	3
	NULL	NULL	NULL	NULL

Get userdata by ID (GET) password in Header



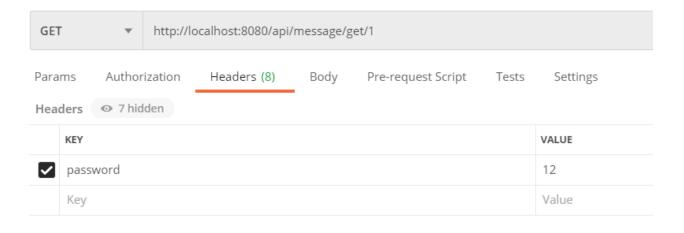


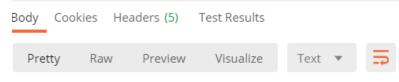
Get Messages of User (GET) password as Header



```
Body Cookies Headers (5) Test Results
                                             JSON 7
  Pretty
            Raw
                    Preview
                                Visualize
    2
    3
                "id": 2,
    4
                "message": "Welcome",
    5
                "createdTime": "2021-01-26T16:38:53.278+00:00",
                "userId": 1
    6
    7
            },
    8
    9
                "id": 1,
   10
                "message": "hey maith",
                "createdTime": "2021-01-26T16:37:33.009+00:00",
   11
                "userId": 1
   12
   13
```

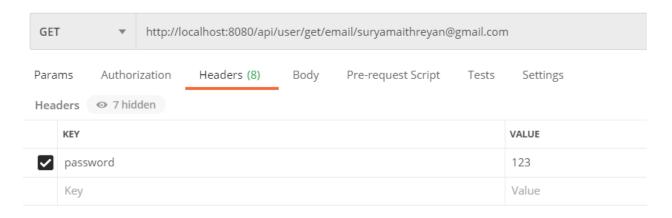
Wrong Credentials





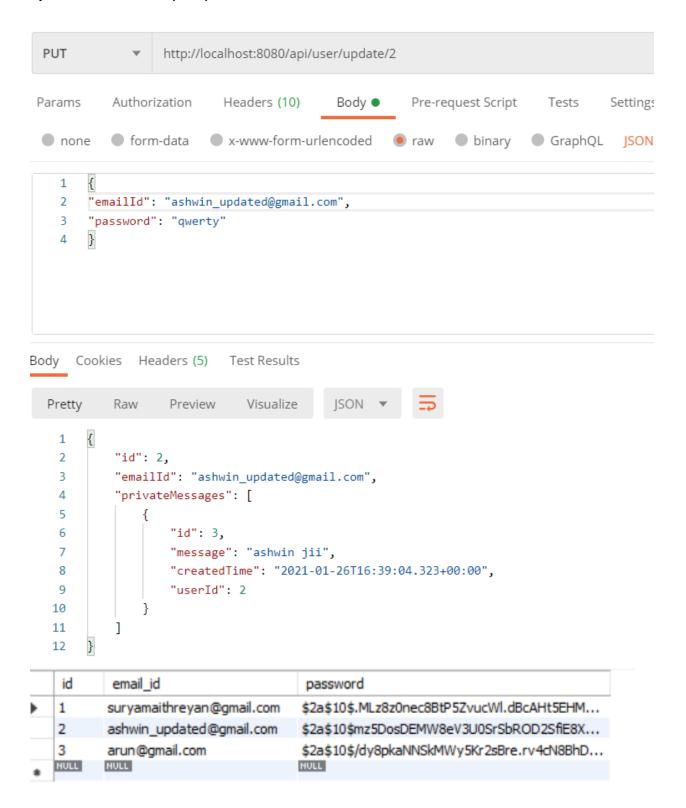
1 Invalid login

Get User Data From Email

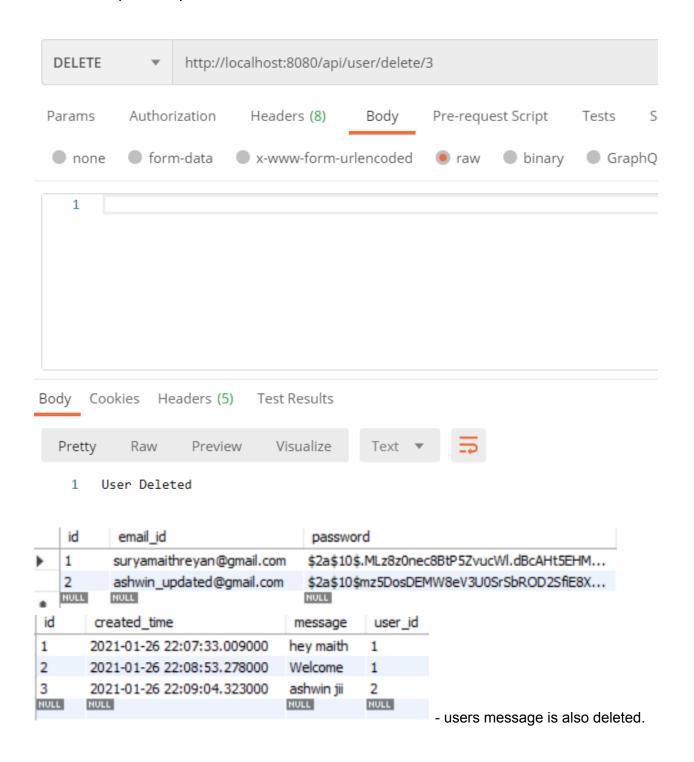


```
Body Cookies Headers (6)
                             Test Results
                                             JSON ▼
  Pretty
            Raw
                    Preview
                                Visualize
    1
    2
            "id": 1,
            "emailId": "suryamaithreyan@gmail.com",
    3
            "privateMessages": [
    4
    5
                    "id": 1,
    6
                    "message": "hey maith",
    7
    8
                     "createdTime": "2021-01-26T16:37:33.009+00:00",
    9
                     "userId": 1
   10
                },
   11
                    "id": 2,
   12
```

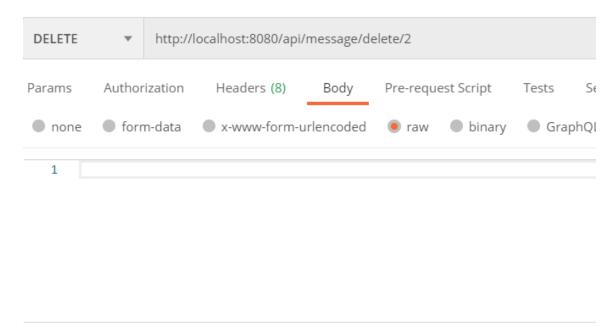
Update User Details (PUT)



Delete User (DELETE)



Delete Message (DELETE)





Successfully Deleted!

	id	created_time	message	user_id
•	1	2021-01-26 22:07:33.009000	hey maith	1
	3	2021-01-26 22:09:04.323000	ashwin jii	2
	HULL	HULL	NULL	NULL