

## 1. Search data (GET Method)

```
Terminal
piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 23:30:52 "GET http://localhost:9090/webapi/v1/user/101 HTTP/1.1" from 127.0.0.1:37238 - 200 171B in 1.417141ms

piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ curl -X GET http://localhost:9090/webapi/v1/user/101
{"status":200,"data":{"id":101,"first_name":"Priya","last_name":"Kawane","email":"piukawane@gmail.com","password":"piu54321","contact_number":"9370016871","updated_by":0}}
```

## 2. Create data (POST Method)

```
Terminal
piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 23:30:52 "GET http://localhost:9090/webapi/v1/user/101 HTTP/1.1" from 127.0.0.1:37238 - 200 171B in 1.417141ms
2020/04/05 23:32:56 "PUT http://localhost:9090/webapi/v1/user/1 HTTP/1.1" from 127.0.0.1:37240 - 200 171B in 1.221909ms
2020/04/05 23:37:14 "GET http://localhost:9090/webapi/v1/user/101 HTTP/1.1" from 127.0.0.1:37242 - 200 171B in 1.191582ms
2020/04/05 23:38:45 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:37244 - 200 169B in 91.865957ms

piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"Akshada","last_name":"Kawane","email":"akshadakawane@gmail.com","password":"mona54321","contact_number":"9370016871","updated_by":0}' http://localhost:9090/webapi/v1/user
{"status":200,"data":{"first_name":"Akshada","last_name":"Kawane","email":"akshadakawane@gmail.com","password":"mona54321","contact_number":"9370016871","updated_by":0}}
```

```
mysql> select * from user_detail;
+-----+-----+-----+-----+-----+-----+-----+
| id | first_name | last_name | email | password | contact_n |
|----|-----|-----|-----|-----|-----|
| 101 | Priya | Kawane | piukawane@gmail.com | piu54321 | 937001687 |
| 102 | Vikas | Chavan | vikaschavan@gmail.com | piu54321 | 937001687 |
| 103 | Priya | Kawane | | piu54321 | 937001687 |
| 104 | Akshada | Kawane | akshadakawane@gmail.com | mona54321 | 937001687 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

### 3. Update data (PUT method)

```
Terminal
piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 23:30:52 "GET http://localhost:9090/webapi/v1/user/101 HTTP/1.1" from 127.0.0.1:37238 - 200 171B in 1.417141ms
2020/04/05 23:32:56 "PUT http://localhost:9090/webapi/v1/user/1 HTTP/1.1" from 127.0.0.1:37240 - 200 171B in 1.221909ms

piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$
piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ curl -X PUT -d '{"first_name":"Vikas","last_name":"chavan","email":"vikaschavan@gmail.com","password":"vicky123","contact_number":"9370016871","updated_by":0}' http://localhost:9090/webapi/v1/user/1
{"status":200,"data":{"id":1,"first_name":"Vikas","last_name":"chavan","email":"vikaschavan@gmail.com","password":"vicky123","contact_number":"9370016871","updated_by":0}}piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$

piu@work: ~
mysql> use restapi;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from user_detail;
+-----+-----+-----+-----+-----+-----+
| id | first_name | last_name | email | password | contact_number |
+-----+-----+-----+-----+-----+-----+
| 101 | Priya | Kawane | piukawane@gmail.com | piu54321 | 9370016871 |
| 102 | Vikas | Chavan | vikaschavan@gmail.com | piu54321 | 9370016871 |
| 103 | Priya | Kawane | piukawane@gmail.com | piu54321 | 9370016871 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.04 sec)

mysql>
```

### 4. Delete Data(DELETE Method)

```
Terminal
piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 23:30:52 "GET http://localhost:9090/webapi/v1/user/101 HTTP/1.1" from 127.0.0.1:37238 - 200 171B in 1.417141ms
2020/04/05 23:32:56 "PUT http://localhost:9090/webapi/v1/user/1 HTTP/1.1" from 127.0.0.1:37240 - 200 171B in 1.221909ms
2020/04/05 23:37:14 "PUT http://localhost:9090/webapi/v1/user/101 HTTP/1.1" from 127.0.0.1:37242 - 200 171B in 1.191582ms
2020/04/05 23:38:45 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:37244 - 200 169B in 91.865957ms
2020/04/05 23:40:17 "DELETE http://localhost:9090/webapi/v1/user/103 HTTP/1.1" from 127.0.0.1:37246 - 200 49B in 139.764786ms
2020/04/05 23:41:04 "DELETE http://localhost:9090/webapi/v1/user/103 HTTP/1.1" from 127.0.0.1:37248 - 200 49B in 1.04417ms

piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$
piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$ curl -X DELETE http://localhost:9090/webapi/v1/user/103
{"status":200,"data":{"User deleted successfully"}}piu@work:~/workspace/src/github.com/pucsd2020-pp/rest-api$

piu@work: ~
mysql> select * from user_detail;
+-----+-----+-----+-----+-----+-----+
| id | first_name | last_name | email | password | contact_number |
+-----+-----+-----+-----+-----+-----+
| 101 | Priya | Kawane | piukawane@gmail.com | piu54321 | 9370016871 |
| 102 | Vikas | Chavan | vikaschavan@gmail.com | piu54321 | 9370016871 |
| 103 | Priya | Kawane | piukawane@gmail.com | piu54321 | 9370016871 |
| 104 | Akshada | Kawane | akshadakawane@gmail.com | mona54321 | 9370016871 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```