

CHALLENGE 1

POST

```
gauri@gauri-pucsd: ~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user
curl: (7) Failed to connect to localhost port 9090: Connection refused
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user
{"status":200,"data":{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":"0"}}gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$
```

```
gauri@gauri-pucsd: ~/go/src/github.com/pucsd2020-pp... x gauri@gauri-pucsd: ~/go/src/github.com/pucsd2020-pp... x gauri@gauri-pucsd: ~/go/src/github.com/pucsd2020-pp... x
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 14:53:02 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48428 - 200 181B in 640.39µs
2020/04/05 14:53:43 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48432 - 200 181B in 156.836µs
2020/04/05 14:54:34 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48432 - 200 181B in 236.423µs
2020/04/05 14:54:59 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48438 - 200 181B in 225.479µs
^Csignal: interrupt
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 14:56:26 "GET http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48446 - 200 519B in 482.887µs
2020/04/05 14:57:24 "GET http://localhost:9090/webapi/v1/user/7 HTTP/1.1" from 127.0.0.1:48448 - 200 141B in 1.197029ms
```

```
gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x
7 | Mansee | | mansee@gmail.com | | | 0 | 0 | 2020-04-05 14:34:05 | 2020-04-05 15:01:36
8 | Rani | Darade | rani@gmail.com | | | 0 | 1 | 2020-04-05 14:42:51 | 2020-04-05 15:09:25
9 | Arti | Chauhan | sweta.jsr@wesoft.acp.in | 12345678 | 9123456780 | 0 | 1 | 2020-04-05 15:28:02 | 2020-04-05 15:30:40
11 | Gaurihar | Darade | gaurihar@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:30:19 | 2020-04-05 15:30:19
12 | siddhi | Darade | sanu@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:33:42 | 2020-04-05 15:38:03
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> select * from user_detail;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | first_name | last_name | email | password | contact_number | updated_by | deleted | creation_date | last_update |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 | Gauri | Darade | | | | 0 | 0 | 2020-04-05 14:15:17 | 2020-04-05 14:18:01
6 | Geeta | | geeta@gmail.com | | | 0 | 0 | 2020-04-05 14:26:59 | 2020-04-05 14:26:59
7 | Mansee | | mansee@gmail.com | | | 0 | 0 | 2020-04-05 14:34:05 | 2020-04-05 15:01:36
8 | Rani | Darade | rani@gmail.com | | | 0 | 1 | 2020-04-05 14:42:51 | 2020-04-05 15:09:25
9 | Arti | Chauhan | sweta.jsr@wesoft.acp.in | 12345678 | 9123456780 | 0 | 1 | 2020-04-05 15:28:02 | 2020-04-05 15:30:40
11 | Gaurihar | Darade | gaurihar@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:30:19 | 2020-04-05 15:30:19
12 | siddhi | Darade | sanu@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:33:42 | 2020-04-05 15:38:03
13 | Riddhi | Darade | riddhi@gmail.com | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:41:18 | 2020-04-05 15:41:18
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> -
```

PUT

```
gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user
curl: (7) Failed to connect to localhost port 9090: Connection refused
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user
{"status":200,"data":{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0}}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X PUT -d UT first_name:"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user/13
> AC
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X PUT -d '{"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user/13
{"status":200,"data":{"id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0}}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$
```

```
gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x +
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 14:53:02 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48424 - 200 181B in 640.39µs
2020/04/05 14:53:43 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48428 - 200 181B in 156.836µs
2020/04/05 14:54:34 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48432 - 200 181B in 236.423µs
2020/04/05 14:54:59 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48438 - 200 181B in 225.479µs
^Csignal: interrupt
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 14:56:26 "GET http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48446 - 200 519B in 482.887µs
2020/04/05 14:57:24 "GET http://localhost:9090/webapi/v1/user/7 HTTP/1.1" from 127.0.0.1:48448 - 200 141B in 1.197029ms
^C2020/04/05 14:59:59 "PUT http://localhost:9090/webapi/v1/user/7 HTTP/1.1" from 127.0.0.1:48464 - 200 191B in 54.58µs
signal: interrupt
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 15:07:03 "PUT http://localhost:9090/webapi/v1/user/7 HTTP/1.1" from 127.0.0.1:48488 - 200 143B in 738.152µs
█
```

```
gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x +
| 8 | Rani | Darade | rani@gmail.com | | | 0 | 1 | 2020-04-05 14:42:51 | 2020-04-05 15:09:25 |
| 9 | Arti | Chauhan | sweta.jsr@wesoft.acp.in | 12345678 | 9123456780 | 0 | 1 | 2020-04-05 15:28:02 | 2020-04-05 15:30:40 |
| 11 | Gaurihar | Darade | gaurihar@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:30:19 | 2020-04-05 15:30:19 |
| 12 | siddhi | Darade | samu@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:33:42 | 2020-04-05 15:38:03 |
| 13 | Riddhi | Darade | riddhi@gmail.com | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:41:18 | 2020-04-05 15:41:18 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+
8 rows in set (0.00 sec)

mysql> select * from user_detail;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | first_name | last_name | email | password | contact_number | updated_by | deleted | creation_date | last_update |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+
| 1 | Gauri | Darade | | | | 0 | 0 | 2020-04-05 14:15:17 | 2020-04-05 14:18:01 |
| 6 | Geeta | | geeta@gmail.com | | | 0 | 0 | 2020-04-05 14:26:59 | 2020-04-05 14:26:59 |
| 7 | Mansee | | mansee@gmail.com | | | 0 | 0 | 2020-04-05 14:34:05 | 2020-04-05 15:01:36 |
| 8 | Rani | Darade | rani@gmail.com | | | 0 | 1 | 2020-04-05 14:42:51 | 2020-04-05 15:09:25 |
| 9 | Arti | Chauhan | sweta.jsr@wesoft.acp.in | 12345678 | 9123456780 | 0 | 1 | 2020-04-05 15:28:02 | 2020-04-05 15:30:40 |
| 11 | Gaurihar | Darade | gaurihar@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:30:19 | 2020-04-05 15:30:19 |
| 12 | siddhi | Darade | samu@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:33:42 | 2020-04-05 15:38:03 |
| 13 | Riddhika | Darade | riddhi@gmail.com | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:41:18 | 2020-04-05 15:43:53 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+
8 rows in set (0.00 sec)

mysql> █
```

GET ALL AND GET BY ID AND DELETE

```
gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user
curl: (7) Failed to connect to localhost port 9090: Connection refused
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X PUT -d '{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user
{"status":200,"data":{"first_name":"Riddhi","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_password":"22222","contact_number":"9898989898"}}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X PUT -d UT first_name:"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898"}' http://localhost:9090/webapi/v1/user/13
{"status":200,"data":{"id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0}}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X GET http://localhost:9090/webapi/v1/user/13
404 page not found
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST http://localhost:9090/webapi/v1/user/13
{"status":200,"data":{"id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0}}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X GET http://localhost:9090/webapi/v1/user
{"status":200,"data":[{"id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0},{id":13,"first_name":"Riddhika","last_name":"Darade","email":"riddhi@gmail.com","password":"22222","contact_number":"9898989898","updated_by":0}]}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X DELETE http://localhost:9090/webapi/v1/user/8
{"status":200,"data":{"User deleted successfully"}}
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$
```

```
gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x gauri@gauri-pucsd: ~/go/src/github.co... x
gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
2020/04/05 14:53:02 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48424 - 200 181B in 640.39µs
2020/04/05 14:53:43 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48428 - 200 181B in 156.836µs
2020/04/05 14:54:34 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48432 - 200 181B in 236.423µs
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gauri@gauri-pucsd:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
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2020/04/05 14:57:24 "GET http://localhost:9090/webapi/v1/user/7 HTTP/1.1" from 127.0.0.1:48448 - 200 141B in 1.197029ms
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2020/04/05 15:07:03 "PUT http://localhost:9090/webapi/v1/user/7 HTTP/1.1" from 127.0.0.1:48488 - 200 143B in 738.152µs
2020/04/05 15:09:25 "DELETE http://localhost:9090/webapi/v1/user/8 HTTP/1.1" from 127.0.0.1:48490 - 200 49B in 58.937894ms
2020/04/05 15:11:13 "POST http://localhost:9090/webapi/v1/user/ HTTP/1.1" from 127.0.0.1:48518 - 404 19B in 31.336µs
2020/04/05 15:11:22 "POST http://localhost:9090/webapi/v1/user HTTP/1.1" from 127.0.0.1:48520 - 200 191B in 73.844µs
^C
```

```
gauri@gauri-pucsd: ~/go/src/github.com/pucsd2020-pp/rest-api/driver
Rani | Darade | rani@gmail.com | | | 0 | 1 | 2020-04-05 14:42:51 | 2020-04-05 15:09:25
Arti | Chauhan | sweta.jsr@wesoft.acp.in | 12345678 | 9123456780 | 0 | 1 | 2020-04-05 15:28:02 | 2020-04-05 15:30:40
Gaurihar | Darade | gaurihar@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:30:19 | 2020-04-05 15:30:19
siddhi | Darade | sanu@gmail | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:33:42 | 2020-04-05 15:38:03
Riddhika | Darade | riddhi@gmail.com | 22222 | 9898989898 | 0 | 0 | 2020-04-05 15:41:18 | 2020-04-05 15:43:53

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in set (0.00 sec)
select * from user_detail;
-----
first_name | last_name | email | password | contact_number | updated_by | deleted | creation_date | last_update
-----
Gauri | Darade | | | | | 0 | 0 | 2020-04-05 14:15:17 | 2020-04-05 14:18:01
Geeta | | geeta@gmail.com | | | | 0 | 0 | 2020-04-05 14:26:59 | 2020-04-05 14:26:59
Mansee | | mansee@gmail.com | | | | 0 | 0 | 2020-04-05 14:34:05 | 2020-04-05 15:01:36
Rani | Darade | rani@gmail.com | | | | 0 | 1 | 2020-04-05 14:42:51 | 2020-04-05 15:09:25
Arti | Chauhan | sweta.jsr@wesoft.acp.in | 12345678 | 9123456780 | | 0 | 1 | 2020-04-05 15:28:02 | 2020-04-05 15:30:40
Gaurihar | Darade | gaurihar@gmail | 22222 | 9898989898 | | 0 | 0 | 2020-04-05 15:30:19 | 2020-04-05 15:30:19
siddhi | Darade | sanu@gmail | 22222 | 9898989898 | | 0 | 0 | 2020-04-05 15:33:42 | 2020-04-05 15:38:03
Riddhika | Darade | riddhi@gmail.com | 22222 | 9898989898 | | 0 | 0 | 2020-04-05 15:41:18 | 2020-04-05 15:43:53

-----
8 rows in set (0.00 sec)
```