Challenge #2

1)GET
2)POST
3)PUT
4)DELETE

```
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api/resource/sql$ cd ..
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api/resource$ cd ..
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ go run main.go
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X POST -d '{"first_name":"aarti", "last_name":"shelar", "email":"spv
.pucssd@gmail.com", "password":"rani2911#", "contact_number":"9850921794", "updated_by":0 }' http://localhost:9090/webapi/v1/user
{"status":200,"data":{"first_name":"aarti","last_name":"shelar","email":"spv.pucssd@gmail.com","password":"rani2911#","contact_number":"9850921
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X GET http://localhost:9090/webapi/v1/user/1
{"status":200,"data":{"id":1,"first_name":"aarti","last_name":"shelar","email":"spv.pucssd@gmail.com","password":"rani2911#","contact_number":"
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X PUT -d '{"first_name":"pu", "last_name":"shelar", "email":"pushpas
helar1610@gmail.com", "password":"pushpa.#", "contact_number":"709689627271", "updated_by":0 }' http://localhost:9090/webapi/v1/user/1
{"status":200,"data":{"id":1,"first_name":"pu","last_name":"shelar","email":"pushpashelar1610@gmail.com","password":"pushpa.#","contact_number"
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X DELETE -d http://localhost:9090/webapi/v1/user/1
curl: no URL specified!
curl: try 'curl --help' or 'curl --manual' for more information
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X DELETE -d http://localhost:9090/webapi/v1/user/1
curl: no URL specified!
curl: try 'curl --help' or 'curl --manual' for more information
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X DELETE -d http://localhost:9090/webapi/v1/user/1
curl: no URL specified!
curl: try 'curl --help' or 'curl --manual' for more information
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$ curl -X GET http://localhost:9090/webapi/v1/user/1
{"status":200,"data":{"id":1,"first_name":"pu","last_name":"shelar","email":"pushpashelar1610@gmail.com","password":"pushpa.#","contact_number"
:"709689627271","updated_by":0}}pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api$
```

```
pushpa@pushpa-Lenovo-G580:~/go/src/github.com/pucsd2020-pp/rest-api/resource/sql$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 6
Server version: 5.7.29-0ubuntu0.16.04.1 (Ubuntu)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE restapi;
Database changed
mysql>
mysql> CREATE TABLE IF NOT EXISTS user_detail (
    ->    id              INT         AUTO_INCREMENT      PRIMARY KEY,
    ->    first_name      CHAR(25)    NOT NULL,
    ->    last_name       CHAR(25)    NOT NULL,
    ->    email           CHAR(64)    NOT NULL UNIQUE,
    ->    password        VARBINARY(128)    NOT NULL,
    ->    contact_number  CHAR(15)    NOT NULL,
    ->    updated_by      INT         NOT NULL DEFAULT 0,
    ->    deleted         TINYINT(1)  NOT NULL DEFAULT 0,
    ->    creation_date   DATETIME    DEFAULT CURRENT_TIMESTAMP,
    ->    last_update     DATETIME    DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP
    -> )ENGINE = INNODB CHARACTER SET=utf8;
Query OK, 0 rows affected (1.74 sec)

mysql> select * from user_detail;
Empty set (0.30 sec)

mysql> select * from user_detail;
+----+------------+-----------+---------------------+-----------+----------------+------------+---------+---------------------+---------------------+
| id | first_name | last_name | email               | password  | contact_number | updated_by | deleted | creation_date       | last_update         |
+----+------------+-----------+---------------------+-----------+----------------+------------+---------+---------------------+---------------------+
|  1 | aarti      | shelar    | spv.pucssd@gmail.com | rani2911# | 9850921794     |          0 |       0 | 2020-04-14 13:29:53 | 2020-04-14 13:29:53 |
```

pushpa@pushpa-Lenovo-G580: ~/go/src/github.com/pucsd2020-pp/rest-api/resource/sql

mysql> select * from user_detail;
Empty set (0.30 sec)

mysql> select * from user_detail;
+----+------------+-----------+---------------------+-----------+----------------+------------+---------+---------------------+---------------------+
| id | first_name | last_name | email | password | contact_number | updated_by | deleted | creation_date | last_update |
+----+------------+-----------+---------------------+-----------+----------------+------------+---------+---------------------+---------------------+
| 1 | aarti | shelar | spv.pucssd@gmail.com | rani2911# | 9850921794 | 0 | 0 | 2020-04-14 13:29:53 | 2020-04-14 13:29:53 |
+----+------------+-----------+---------------------+-----------+----------------+------------+---------+---------------------+---------------------+
1 row in set (0.04 sec)

mysql> select * from user_detail;
+----+------------+-----------+-------------------------+----------+----------------+------------+---------+---------------------+---------------------+
| id | first_name | last_name | email | password | contact_number | updated_by | deleted | creation_date | last_update |
+----+------------+-----------+-------------------------+----------+----------------+------------+---------+---------------------+---------------------+
| 1 | pu | shelar | pushpashelar1610@gmail.com | pushpa.# | 709689627271 | 0 | 0 | 2020-04-14 13:29:53 | 2020-04-14 13:41:20 |
+----+------------+-----------+-------------------------+----------+----------------+------------+---------+---------------------+---------------------+
1 row 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 | pu | shelar | pushpashelar1610@gmail.com | pushpa.# | 709689627271 | 0 | 0 | 2020-04-14 13:29:53 | 2020-04-14 13:41:20 |
+----+------------+-----------+-------------------------+----------+----------------+------------+---------+---------------------+---------------------+
1 row in set (0.00 sec)

mysql>

JSON format:

status: 200
data:
    id: 1
    first_name: "pu"
    last_name: "shelar"
    email: "pushpashelar1610@gmail.com"
    password: "pushpa.#"
    contact_number: "709689627271"
    updated_by: 0