

Practice Project:

Create, Update and Delete User Using RestAssured – reqres.in

Screenshots:

```
1 package in.reqres.lessonEndProject;
2
3 import java.util.HashMap;
4 import org.testng.annotations.Test;
5 import io.restassured.RestAssured;
6 import io.restassured.path.json.JsonPath;
7 import io.restassured.response.Response;
8
9 Run All
10 public class create_verify_update_delete_user extends TestBase {
11     HashMap<String, String> map = new HashMap<String, String>();
12     String id;
13     Response response;
14     JsonPath jsonPath;
15
16     @Test(priority = 0)
17     Run | Debug
18     public void createUser() {
19         map.put("name", "john");
20         map.put("job", "doctor");
21         RestAssured.baseURI = "https://reqres.in/";
22         RestAssured.basePath = "/api/users";
23         response = RestAssured
24             .given()
25                 .contentType("application/json")
26                 .body(map)
27             .when()
28                 .post()
29             .then()
30                 .statusCode(201)
31                 .log().all()
32                 .extract().response();
33         logger.info("User Created Successfully");
34         jsonPath = response.jsonPath();
35         id = jsonPath.get("id");
36     }
37
38     @Test(priority = 1)
39     Run | Debug
40     public void updateUser() {
41         map.put("name", "john");
42         map.put("job", "programmer");
43     }
44 }
```

```
28     .then()
29         .statusCode(201)
30         .log().all()
31         .extract().response();
32     logger.info("User Created Successfully");
33     jsonPath = response.jsonPath();
34     id = jsonPath.get("id");
35 }
36
37 @Test(priority = 1)
38 Run | Debug
39 public void updateUser() {
40     map.put("name", "john");
41     map.put("job", "programmer");
42     RestAssured.baseURI = "https://reqres.in/";
43     RestAssured.basePath = "/api/users/" + id;
44     RestAssured
45         .given()
46             .contentType("application/json")
47             .body(map)
48         .when()
49             .put()
50         .then()
51             .statusCode(200)
52             .log().all();
53     logger.info("User Updated Successfully");
54 }
55
56 @Test(priority = 2)
57 Run | Debug
58 public void deleteUser() {
59     RestAssured.baseURI = "https://reqres.in/";
60     RestAssured.basePath = "/api/users/" + id;
61
62     RestAssured
63         .when()
64             .delete()
65         .then()
66             .statusCode(204);
67     logger.info("User Deleted Successfully");
68 }
```





