Postman Homework 3

* We will use **user section** on Swagger to perform the following CRUD (Create, Read, Update, Delete) Operations by the following order:
* POST/user- Create user and make test to verify the Status Code and the header to be Content-Type.
* GET/user/{username}- Get the user you created and make test to check the values of the json object as well as the status code (Total of 9 Tests).
* PUT/user/{username} - Update all the json properties with new values and make tests for status code.
* GET/user/{username}- Make tests for all json properties to ensure that it returns the updated values made with the PUT request (Total of 8 Tests).
* Delete/user/{username} - Make test for status code
* GET/user/{username}- Make test on the status code (404) to ensure the user is deleted.

**(Using variables is mandatory for this assignment)**

**GET/user/{username}- Make tests for all json properties to ensure that it returns the updated values made with the PUT request (Total of 8 Tests, 7 Tests for updated properties and 1 Test for make sure that the id is not updated).**

* GET/user/{username}- Get the user you created and make test to check the values of the json object as well as the status code (Total of 9 Tests).
* Test that the status code is 200

**JavaScript**

pm.test("Status code is 200", function () {

pm.response.to.have.status(200);

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the response is JSON and not an error

**JavaScript**

pm.test("Response is JSON and not an error", function () {

pm.response.to.be.json;

pm.response.to.not.be.error;

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the response has the correct Content-Type header

**JavaScript**

pm.test("Content-Type is present and correct", function () {

pm.response.to.have.header("Content-Type");

pm.expect(pm.response.headers.get("Content-Type")).to.include("application/json");

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the response body has the expected username, id, email, phone, and userStatus properties

**JavaScript**

pm.test("Response body has the expected properties", function () {

const responseJson = pm.response.json();

pm.expect(responseJson).to.have.all.keys("username", "id", "email", "phone", "userStatus");

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the username property matches the username parameter in the request URL

**JavaScript**

pm.test("Username property matches the username parameter", function () {

const responseJson = pm.response.json();

const username = pm.request.url.path[1];

pm.expect(responseJson.username).to.equal(username);

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the id property is a positive integer

**JavaScript**

pm.test("Id property is a positive integer", function () {

const responseJson = pm.response.json();

pm.expect(responseJson.id).to.be.a("number");

pm.expect(responseJson.id).to.be.above(0);

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the email property is a valid email address

**JavaScript**

pm.test("Email property is a valid email address", function () {

const responseJson = pm.response.json();

pm.expect(responseJson.email).to.be.a("string");

pm.expect(responseJson.email).to.match(/^[^\s@]+@[^\s@]+\.[^\s@]+$/);

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the phone property is a valid phone number

**JavaScript**

pm.test("Phone property is a valid phone number", function () {

const responseJson = pm.response.json();

pm.expect(responseJson.phone).to.be.a("string");

pm.expect(responseJson.phone).to.match(/^\+?\d{10,15}$/);

});

AI-generated code. Review and use carefully. [More info on FAQ](https://www.bing.com/new#faq).

* Test that the userStatus property is a positive integer

**JavaScript**

pm.test("UserStatus property is a positive integer", function () {

const responseJson = pm.response.json();

pm.expect(responseJson.userStatus).to.be.a("number");

pm.expect(responseJson.userStatus).to.be.above(0);

});