

API_Test_Cases

| ID | Functionality | Priority | Title | Pre-conditions | Steps | Status | Comment |
|----|---------------|----------|--|----------------|---|--------|---------|
| 1 | List Users | High | Successful User list obtaining using GET method | Open Postman | Execute REST request: Method: GET URI: https://reqres.in/api/users?page=1 Headers: Accept: */* Check the response: Status: 200 OK (Response returns with information about 6 users) | Passed | |
| 2 | Single User | High | Successful User information obtaining using GET method | | Execute REST request: Method: GET URI: https://reqres.in/api/users/ Headers: Accept: */* Params: "id" : "4" Check the response: Status: 200 OK (Response returns with information about user with Id:4) Body: { "data": { "id": 4, "email": "eve.holt@reqres.in", "first_name": "Eve", "last_name": "Holt", "avatar": "https://reqres.in/img/faces/4-image.jpg" }, "support": { "url": "https://reqres.in/#support-heading", "text": "To keep ReqRes free, contributions towards server costs are appreciated!" } } | Passed | |
| 3 | Single User | Medium | Get information about non-existent user | | Execute REST request: Method: GET URI: https://reqres.in/api/users/13 Headers: Accept: */* Check the response: Status: 404 Not Found (Response returns with body: {}) | Passed | |

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| 4 | Create User | High | Successful User creating using POST method | <p>Execute REST request:</p> <p>Method: POST URI: https://reqres.in/api/users/ Headers: Content-Type: application/json Accept: */*</p> <p>Body:</p> <pre>{ "First Name": "Name", "Last Name": "Surname", "Position": "Engineer" }</pre> | Passed | |
| | | | | <p>Check the response:</p> <p>Status: 201 Created Response returns with correct body:</p> <pre>{ "First Name": "Name", "Last Name": "Surname", "Position": "Engineer", "id": "****", "createdAt": "2022-11-**T**.*.*.***Z" }</pre> | Passed | |
| 5 | Registration | High | Successful registration using POST method | <p>Execute REST request:</p> <p>Method: POST URI: https://reqres.in/api/register Headers: Content-Type: application/json Accept: */*</p> <p>Body:</p> <pre>{ "email": "tracey.ramos@reqres.in", "password": "AAddFF" }</pre> | Passed | |
| | | | | <p>Check the response:</p> <p>Status: 200 OK Response returns with correct body:</p> <pre>{ "id": 6, "token": "QpwL5tke4Pnpja7X6" }</pre> | Passed | |

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| 6 | Login | High | Successful login as existing user | | <p>Execute REST request:</p> <p>Method: POST URI: https://reqres.in/api/login Headers: Content-Type: application/json Accept: */*</p> <p>Body:</p> <pre>{ "email": "eve.holt@reqres.in", "password": "cityslicka" }</pre> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 200 OK Response returns with correct body:</p> <pre>{ "token": "QpwL5tke4Pnpja7X4" }</pre> | Passed | |
| 7 | Login | Medium | Unsuccessful login as not registered user | | <p>Execute REST request:</p> <p>Method: POST URI: https://reqres.in/api/login Headers: Content-Type: application/json Accept: */*</p> <p>Body:</p> <pre>{ "email": "pafafa1173@hempyl.com", "password": "pafafa1173" }</pre> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 400 Bad Request Response returns with correct body:</p> <pre>{ "error": "Note: There are no users registered with this email address" }</pre> | Passed | |
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| 8 | Login | Medium | Unsuccessful login as existing user without email | | <p>Execute REST request:</p> <p>Method: POST URI: https://reqres.in/api/login Headers: Content-Type: application/json Accept: */*</p> <p>Body: { "password": "cityslicka" }</p> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 400 Bad Request Response returns with body: { "error": "Missing email or username" }</p> | Passed | |
| 9 | Login | Medium | Unsuccessful login as existing user using invalid password | | <p>Execute REST request:</p> <p>Method: POST URI: https://reqres.in/api/login Headers: Content-Type: application/json Accept: */*</p> <p>Body: { "email": "eve.holt@reqres.in", "password": "Incorrect Password" }</p> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 400 Bad Request Response returns with body: { "error": "Missing password" }</p> | Failed | <p>Response returns with "200 OK" status code after sending POST login request with invalid password of registered user. The user is successfully logged using invalid password.</p> <p>Status: 200 OK Body: { "token": "QpwL5tke4Pnpja7X4" }</p> |

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| 10 | User Update | High | Successful User information updating | | <p>Execute REST request:</p> <p>Method: PUT URI: https://reqres.in/api/users/4 Headers: Content-Type: application/json Accept: */* Body:</p> <pre>{ "first_name": "Valerii", "last_name": "Tester" }</pre> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 200 OK Response returns with body:</p> <pre>{ "first_name": "Valerii", "last_name": "Tester" "updatedAt": "2022-11-22T11:22:22.000Z" }</pre> | Passed | |
| 11 | Single User | Medium | Successful User information obtaining after updating | | <p>Execute REST request:</p> <p>Method: GET URI: https://reqres.in/api/users/ Headers: Accept: */* Params: "id": "4"</p> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 200 OK Response returns with actual (updated in Test case 10) information about user with Id:4 Body:</p> <pre>{ "data": { "id": 4, "email": "eve.holt@reqres.in", "first_name": "Valerii", "last_name": "Tester", "avatar": "https://reqres.in/img/faces/4-image.jpg" }, "support": { "url": "https://reqres.in/#support-heading", "text": "To keep ReqRes free, contributions towards server costs are appreciated!" } }</pre> | Failed | <p>The response returns with outdated information in the "first_name" and "last_name" fields of recently updated user data with id:4 (in Test case 10) after sending GET request</p> <p>Status: 200 OK</p> <p>Body:</p> <pre>{ "data": { "id": 4, "email": "eve.holt@reqres.in", "first_name": "Eve", "last_name": "Holt", "avatar": "https://reqres.in/img/faces/4-image.jpg" }, "support": { "url": "https://reqres.in/#support-heading", "text": "To keep ReqRes free, contributions towards server costs are appreciated!" } }</pre> |

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| 12 | User Update | Medium | Unsuccessful User information updating using empty "Key" values | | <p>Execute REST request:</p> <p>Method: PUT URI: https://reqres.in/api/users/10 Headers: Content-Type: application/json Accept: */* Body: <pre>{ "": "byron.fields@reqres.in", "": "parol" }</pre></p> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 404 Bad Request</p> | Failed | <p>Response returns with "200 OK" status after sending PUT request with invalid data in body</p> <p>Status: 200 OK (Response returns with incorrect body) Body: <pre>{ "": "parol", "updatedAt": "2022-11-11T11:11:11Z" }</pre></p> |
| 13 | Delete User | High | Successful User deleting | | <p>Execute REST request:</p> <p>Method: DELETE URI: https://reqres.in/api/users/2 Headers: Accept: */* </p> | Passed | |
| | | | | | <p>Check response:</p> <p>Status: 204 No Content (Response returns without body)</p> | Passed | |
| 14 | Delete User | Medium | Unsuccessful User deleting using invalid URI | | <p>Execute REST request:</p> <p>Method: DELETE URI: https://reqres.in/api/Empty Headers: Accept: */* </p> | Passed | |
| | | | | | <p>Check the response:</p> <p>Status: 404 Bad Request</p> | Failed | <p>Response returns with "204" status after sending DELETE request about deleting non existent API endpoint</p> <p>Status: 204 No Content (Response returns without body)</p> |