Test Case 1 – Successful Login: Log in with the correct credentials.

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| **Test Case ID** | | 1 | **Test Case Description** | | Test the Login API | | | | | |
| **Created By** | | Nermin | **Reviewed By** | |  | | **Version** | |  | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Positive Test Case** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Nermin | **Date Tested** | |  | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | Postman installed and set up for API testing. | | |  | 1 | apiBaseURL = https://thinking-tester-contact-list.herokuapp.com | | | | |
| 2 |  | | |  | 2 |  | | | | |
| 3 |  | | |  | 3 |  | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  | 5 |  | | | | |
| **Test Scenario** | POST - Successful Login: Log in with the correct credentials. | | |  |  |  |  |  |  |  |
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| **S #** | **API Details:** | | |  |  |  |  |  |  |  |
|  | **Key** | **Value** |  |  |  |  |  |  |  |  |
| 1 | Request Method | POST |  |  |  |  |  |  |  |  |
| 2 | Request Headers | Content-Type: application/json |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|  |
| 1 | Make POST {@apiBaseURL}/users/login request and provide valid request body:   {  "email": "maslo.nermin@gmail.com",  "password": "12345678" } | | 200 OK status code should be returned. The response body should contain all data from the request body. The response should include a valid JWT token that can be used for authentication. | | As Expected | | | Pass | | |  |
| 2 |  | |  | |  | | |  | | |  |
| 3 |  | |  | |  | | |  | | |  |

Test Case 2 – Incorrect Password: Log in with a wrong password

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| **Test Case ID** | | 1 | **Test Case Description** | | Test the Login API | | | | | |
| **Created By** | | Nermin | **Reviewed By** | |  | | **Version** | |  | |
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| **Negative Test Case** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Nermin | **Date Tested** | |  | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | Postman installed and set up for API testing. | | |  | 1 | apiBaseURL = https://thinking-tester-contact-list.herokuapp.com | | | | |
| 2 |  | | |  | 2 |  | | | | |
| 3 |  | | |  | 3 |  | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  | 5 |  | | | | |
| **Test Scenario** | POST - Incorrect Password: Log in with a wrong password | | |  |  |  |  |  |  |  |
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| **S #** | **API Details:** | | |  |  |  |  |  |  |  |
|  | **Key** | **Value** |  |  |  |  |  |  |  |  |
| 1 | Request Method | POST |  |  |  |  |  |  |  |  |
| 2 | Request Headers | Content-Type: application/json |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|  |
| 1 | Make POST {@apiBaseURL}/users/login request and provide a valid request body:   {  "email": "maslo.nermin@gmail.com",  "password": "wrongPass" } | | 401 Unauthorized status code should be returned. | | As Expected | | | Pass | | |  |
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| **Test Case ID** | | 1 | **Test Case Description** | | Test the Sign Up API | | | | | |
| **Created By** | | Nermin | **Reviewed By** | |  | | **Version** | |  | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Negative Test Case** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Nermin | **Date Tested** | |  | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | Postman installed and set up for API testing. | | |  | 1 | apiBaseURL = https://thinking-tester-contact-list.herokuapp.com | | | | |
| 2 |  | | |  | 2 |  | | | | |
| 3 |  | | |  | 3 |  |  |  |  |  |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  | 5 |  | | | | |
| **Test Scenario** | POST - Invalid Email Format: Register with an invalid email address. | | | | |  |  |  |  |  |
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| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|  |
| 1 | Make POST {@apiBaseURL}/users request and provide valid request body:   {  "firstName": "Test",  "lastName": "User2",  "email": "tes2fake.com",  "password": "myPassword" } | | 400 Bad request status code should be returned The response body should contain the error message “User validation failed: email: Email is invalid  ” | | As Expected | | | Pass | | |  |