Test Case 1 – Create a new Contact with valid details

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| **Test Case ID** | | 1 | **Test Case Description** | | Test the Add Contact 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 | | | | |
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| **Test Scenario** | POST - Create a new Contact with valid details | | |  |  |  |  |  |  |  |
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| **S #** | **API Details:** | | |  |  |  |  |  |  |  |
|  | **Key** | **Value** |  |  |  |  |  |  |  |  |
| 1 | Request Method | POST |  |  |  |  |  |  |  |  |
| 2 | Request Headers | Content-Type: application/json |  |  |  |  |  |  |  |  |
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| **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 token that can be used for authentication. | | As Expected | | | Pass | | |  |
| 2 | Save the token from the response aside, so you can use it in the following steps. | | Token is saved. | | As Expected | | | Pass | | |  |
| 3 | Navigate to the Add Contact request in Postman, then click on the Authorization tab. | | Authorization tab is opened. | | As Expected | | | Pass | | |  |
| 4 | In the Auth type dropdown select Bearer Token option, then for value input token that you saved before. Click Save button. | | API request is authorized with valid token. | | As Expected | | | Pass | | |  |
| 5 | Make POST {@apiBaseURL}/contacts request and provide valid request body:  {  "firstName": "John",  "lastName": "Doe",  "birthdate": "1970-01-01",  "email": "jdoe@fake.com",  "phone": "8005555555",  "street1": "1 Main St.",  "street2": "Apartment A",  "city": "Anytown",  "stateProvince": "KS",  "postalCode": "12345",  "country": "USA"  } | | 201 Created status code should be returned  The response body should contain all data from the request body | | As Expected | | | Pass | | |  |
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Test Case 2 – Create a new Contact without mandatory fields

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| **Test Case ID** | | 2 | **Test Case Description** | | Test the Add Contact 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 |  | | | | |
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| **Test Scenario** | POST - Create a new Contact without mandatory fields | | |  |  |  |  |  |  |  |
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| **S #** | **API Details:** | | |  |  |  |  |  |  |  |
|  | **Key** | **Value** |  |  |  |  |  |  |  |  |
| 1 | Request Method | POST |  |  |  |  |  |  |  |  |
| 2 | Request Headers | Content-Type: application/json |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |
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| **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 token that can be used for authentication. | | As Expected | | | Pass | | |  |
| 2 | Save the token from the response aside, so you can use it in the following steps. | | Token is saved. | | As Expected | | | Pass | | |  |
| 3 | Navigate to the Add Contact request in Postman, then click on the Authorization tab. | | Authorization tab is opened. | | As Expected | | | Pass | | |  |
| 4 | In the Auth type dropdown select Bearer Token option, then for value input token that you saved before. Click Save button. | | API request is authorized with valid token. | | As Expected | | | Pass | | |  |
| 5 | Make POST {@apiBaseURL}/contacts request and provide request body:  {  "firstName": "",  "lastName": "",  "birthdate": "1970-01-01",  "email": "jdoe@fake.com",  "phone": "8005555555",  "street1": "1 Main St.",  "street2": "Apartment A",  "city": "Anytown",  "stateProvince": "KS",  "postalCode": "12345",  "country": "USA"  } | | 400 Bad Request status code should be returned.  The response body should contain the error message:  "Contact validation failed: firstName: Path `firstName` is required., lastName: Path `lastName` is required." | | As Expected | | | Pass | | |  |
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