Contact List App

API TEST CASES

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| SHARED STEPS: POST Login/Auth User – Positive flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | Navigate and login to Postman | User is logged in and selected Workspace is displayed |
| 2 | Click on Collections on left side bar menu | Contact List Documentation appears |
| 3 | Extend Contact List Documentation Extend Users | User requests are displayed |
| 4 | Select request and navigate to Body tab | Body Tab is displayed |
| 5 | Enter valid data for a logged in user and click Save button  Data Format:  {  "email": "",  "password": ""  } | Changes are saved |
| 6 | Click Send button for Login User Request | 200 OK Status code is returned  Token is returned |
| **PASSED** | | |

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| POST Login User – Negative flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | Navigate and login to Postman | User is logged in and selected Workspace is displayed |
| 2 | Click on Collections on left side bar menu | Contact List Documentation appears |
| 3 | Extend Contact List Documentation Extend Users | User requests are displayed |
| 4 | Select request and navigate to Body tab | Body Tab is displayed |
| 5 | Enter invalid data for a logged in user and click Save button  Data Format:  {  "email": "",  "password": ""  } | Changes are saved |
| 6 | Click Send button | 401 Unauthorized status code is returned |
| **PASSED** | | |

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| --- | --- | --- |
| POST Add User – Positive flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} Navigate to Body tab | Body tab is displayed |
| 5 | Enter valid data for all the fields  Data Format: {  "firstName": "",  "lastName": "",  "email": "",  "password": ""  }  Save changes Click Send button | User is added  201 Created Status code is returned |
| 6 | Navigate to the Contact List App Login using credentials of newly created user | User is logged in |
| **PASSED** | | |

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| GET User Profile – Positive flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Execute following request:  API\_URL/users/me | 200 OK status code is returned |
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| **PASSED** | | |

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| PATCH Update User – Positive flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Enter valid data for all the fields  Data Format: {  "firstName": "",  "lastName": "",  "email": "",  "password": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/users/me | 200 OK status code is returned |
| **PASSED** | | |

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| --- | --- | --- |
|  | DELETE Delete User – Positive Flow | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Execute following request:  API\_URL/users/me | 200 OK status code is returned  User is deleted |
| 6 | Navigate to the Contact List App Login using credentials of previously used user | Error message is displayed: “Incorrect username or password” |
| **PASSED** | | |

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|  | POST Logout User – Positive Flow | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Execute following request:  API\_URL/users/logout | 200 OK status code is returned |
| **PASSED** | | |

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| POST Email Add User – Negative Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Enter valid data and use an email that has already been used to add a user  Data Format: {  "firstName": "",  "lastName": "",  "email": "",  "password": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/users | 400 Bad Request Status code is returned  Error message is displayed: "Email address is already in use" |
| 7 | Navigate to Body tab  Enter invalid email format  Save changes | Body tab is displayed  Changes are saved |
| 8 | Execute following request:  API\_URL/users | 400 Bad Request Status code is returned  Error messages are displayed:  "User validation failed: email: Email is invalid" |
| **PASSED** | | |

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| POST Character Limit User Add | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Enter valid data  For First Name and Last Name exceed character limit of 20  Data Format: {  "firstName": "",  "lastName": "",  "email": "",  "password": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/users | 400 Bad Request Status code is returned  Error message is displayed: `firstName` is longer than the maximum allowed length (20)., `lastName` is longer than the maximum allowed length (20). |
| **PASSED** | | |

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| PATCH Update User – Negative Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Enter valid data  For First Name and Last Name exceed character limit of 20  Data Format: {  "firstName": "",  "lastName": "",  "email": "",  "password": ""  } Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/users/me | 400 Bad Request Status code is returned  Error message is displayed: `firstName` is longer than the maximum allowed length (20)., `lastName` is longer than the maximum allowed length (20). |
| 7 | Navigate to Body tab  Enter invalid email format Save changes | Body tab is displayed  Changes are saved |
| 8 | Execute Following request:  API\_URL/users/me | User validation failed: email: Email is invalid |
| **PASSED** | | |

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| POST Add Contact – Positive Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Enter valid data  Data Format: {  "firstName": "",  "lastName": "",  "birthdate": "",  "email": "",  "phone": "",  "street1": "",  "street2": "",  "city": "",  "stateProvince": "",  "postalCode": "",  "country": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/contacts | 201 Created Status code is returned |
| 7 | Navigate to the Contact List App Login with the correct user | Contact list is displayed  Newly created contact is listed |
| **PASSED** | | |

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| GET Contact List – Positive Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Execute following request:  API\_URL/contacts | 200 OK Status code is returned  Contact list with contact details are returned |
| **PASSED** | | |

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| --- | --- | --- |
| GET Contact – Positive Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 200 OK status code is returned  Contact details are returned |
| **PASSED** | | |

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| PUT Contact Update – Positive Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Enter valid data  Data Format: {  "firstName": "",  "lastName": "",  "birthdate": "",  "email": "",  "phone": "",  "street1": "",  "street2": "",  "city": "",  "stateProvince": "",  "postalCode": "",  "country": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 200 OK status code is returned  Updated contact details are returned |
| 7 | Navigate to the Contact List App Login with the correct user | Contact list is displayed  Updated contact is listed with new details |
| **PASSED** | | |

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| --- | --- | --- |
| PATCH Update Contact – Positive Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  Choose which fields you want to update and insert valid data  Data Format: {  "firstName": "",  "lastName": "",  "birthdate": "",  "email": "",  "phone": "",  "street1": "",  "street2": "",  "city": "",  "stateProvince": "",  "postalCode": "",  "country": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 200 OK Status code is returned  Updated contact details are returned |
| 7 | Navigate to the Contact List App Login with the correct user | Contact list is displayed  Updated contact is listed with new details |
| **PASSED** | | |

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| DELETE Delete Contact – Positive Flow | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 200 OK Status code is returned  “Contact deleted” message is displayed |
| 6 | Navigate to the Contact List App Login with the correct user | Contact list is displayed  Deleted contact is missing from the contact list |
| **PASSED** | | |

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| POST Add Contact – Negative flows | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  For First Name and Last Name exceed max char limit of 20  Enter valid data for remaining fields  Data Format: {  "firstName": "",  "lastName": "",  "birthdate": "",  "email": "",  "phone": "",  "street1": "",  "street2": "",  "city": "",  "stateProvince": "",  "postalCode": "",  "country": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed: `firstName` is longer than the maximum allowed length (20)., `lastName` is longer than the maximum allowed length (20). |
| 7 | Navigate to Body tab  For Date of Birth enter an invalid date (yyyy-mm-dd)  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 8 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  “Contact validation failed: birthdate: Birthdate is invalid” |
| 9 | Navigate to Body tab  For Email field enter an invalid email format  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 10 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  “Contact validation failed: email: Email is invalid” |
| 11 | Navigate to Body tab  For phone field exceed maximum allowed length of 15  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 12 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  `phone`is longer than the maximum allowed length (15). |
| 13 | Navigate to Body tab  For phone field enter an invalid phone format  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 14 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  "Contact validation failed: phone: Phone number is invalid" |
| 15 | Navigate to Body tab  For stateProvince field exceed maximum allowed length of 20  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 16 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  `stateProvince`is longer than the maximum allowed length (20). |
| 17 | Navigate to Body tab  For postalCode field exceed maximum allowed length of 10  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 18 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  `postalCode`is longer than the maximum allowed length (10). |
| 19 | Navigate to Body tab  For postalCode field enter invalid data  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 20 | Execute following request:  API\_URL/contacts | 400 Bad Request Status code is returned  Error message is displayed:  "Contact validation failed: postalCode: Postal code is invalid" |
| **PASSED** | | |

|  |  |  |
| --- | --- | --- |
| PUT Update Contact – Negative flows | | |
| STEPS | ACTION | EXPECTED RESULT |
| 1 | SHARED STEPS: POST Login/Auth – Positive flow | |
| 2 | Copy Token |  |
| 3 | Select request and navigate to Headers tab | Headers tab is displayed |
| 4 | Paste the returned token into the Authorization header with the following format: Bearer {{token}} | Changes have been saved |
| 5 | Navigate to Body tab  For First Name and Last Name exceed max char limit of 20  Enter valid data for remaining fields  Data Format: {  "firstName": "",  "lastName": "",  "birthdate": "",  "email": "",  "phone": "",  "street1": "",  "street2": "",  "city": "",  "stateProvince": "",  "postalCode": "",  "country": ""  }  Save changes | Body tab is displayed  Changes are saved |
| 6 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed: `firstName` is longer than the maximum allowed length (20)., `lastName` is longer than the maximum allowed length (20). |
| 7 | Navigate to Body tab  For Date of Birth enter an invalid date (yyyy-mm-dd)  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 8 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  “Contact validation failed: birthdate: Birthdate is invalid” |
| 9 | Navigate to Body tab  For Email field enter an invalid email format  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 10 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  “Contact validation failed: email: Email is invalid” |
| 11 | Navigate to Body tab  For phone field exceed maximum allowed length of 15  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 12 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  `phone`is longer than the maximum allowed length (15). |
| 13 | Navigate to Body tab  For phone field enter an invalid phone format  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 14 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  "Contact validation failed: phone: Phone number is invalid" |
| 15 | Navigate to Body tab  For stateProvince field exceed maximum allowed length of 20  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 16 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  `stateProvince`is longer than the maximum allowed length (20). |
| 17 | Navigate to Body tab  For postalCode field exceed maximum allowed length of 10  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 18 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  `postalCode`is longer than the maximum allowed length (10). |
| 19 | Navigate to Body tab  For postalCode field enter invalid data  Enter valid data for remaining fields  Save changes | Body tab is displayed  Changes are saved |
| 20 | Execute following request:  API\_URL/contacts/CONTACT\_ID | 400 Bad Request Status code is returned  Error message is displayed:  "Contact validation failed: postalCode: Postal code is invalid" |
| **PASSED** | | |