

Driver Last Name

As an insurance agent I want to create a new driver with a driver last name using the Driver Post endpoint.

Requirement:

Name	Data Type	Description	Required	Additional Info
lastname	text	Driver Last Name	TRUE	Last name must be - Provided - Alphanumeric only - Special Characters are not allowed - Max 20 Characters - For success attempts, status code 201 received. - For errors, status code 400 received.

Test case outline

1. Verify that the user is able to successfully save driver information with a valid Last name such as 'ABC123'.
2. Verify that the user receives an error when the Last name is not provided.
3. Verify that Last name with alphanumeric characters is acceptable
4. Verify that Last name with special characters is not acceptable and renders an error
5. Verify that Last name with 20 or less characters is acceptable by the system
6. Verify that Last name with 21 characters is not acceptable

API URL: <https://generalinsurance-ff4b.restdb.io/rest/driver>

API Method: **Post**

Authentication: Bearer <token>

Test case 1:

API Body	Expected	Actual
<pre>{ "lastname": "ABC123", "firstname": "Float "middleinitial": "Mr", "dob": "1980-07-06", "email": "jason_Float7@gmail.com", "ssn": "851-11-6711", "phonenumber":"728-942-1823", "cellnumber":"728-943-1933", "createddate":"2023-01-10", "active":"true", "isprimarypolicyholder": false, "policy_id": 45645216, "maritalstatus": "single" }</pre> <p>Note: If you see <> in the body, please replace it with a unique character so that we don't get duplicate errors.</p>	Send a request with a valid last name such as 'ABC123'	I sent the request with last name as 'ABC123'. It processed successfully.
	Status code 201 received.	I received status code of 201.

Test case 2:

API Body	Expected	Actual
<pre>{ "firstname": "Float", "middleinitial": "Mr", "dob": "1980-07-06", "email": "jason_Float7@gmail.com", "ssn": "851-11-6711", "phonenumber":"728-942-1823", "cellnumber":"728-943-1933", "createddate":"2023-01-10", "active":"true", "isprimarypolicyholder": false, "policy_id": 45645216, "maritalstatus": "single" }</pre> <p>Note: If you see <> in the body, please replace it with a unique character so that we don't get duplicate errors.</p>	Verify that the user receives an error when the Last name is not provided.	
	Status code 400 received.	

Test case 3:

API Body	Expected	Actual
<pre>{ "lastname": "Jason", "firstname": "Float1223", "middleinitial": "Mr", "dob": "1980-07-06", "email": "jason_Float<>@gmail.com", "ssn": "851-11-67<>1", "phonenummer": "728-942-1823", "cellnumber": "728-943-193<>", "createddate": "2023-01-10", "active": "true", "isprimarypolicyholder": false, "policy_id": 45645216, "maritalstatus": "single" }</pre> <p>Note: If you see <> in the body, please replace it with a unique character so that we don't get duplicate errors.</p>	Verify that Last name with alphanumeric characters is acceptable	
	Status code 201 received.	

Homework:

Please create remaining test case scenarios with Body and verify if API is behaving as expected.

Test case 4:

API Body	Expected	Actual

Test case 5:

API Body	Expected	Actual

Test case 6:

API Body	Expected	Actual

QA Questions:

One of the main tasks of a QA professional is to ask critical questions. You should ask questions about anything that is missing from the requirements, or not documented. Anything you can think of which might help improve the quality of the API functionality would be a great question.

Below are some of the questions I have for my team. Do you think of any other questions?

1. What should happen if the Last name is the same as another driver?
2. What should happen if there is space in between the Last name
3. What should the error message say if the Last name is not provided?
4. What should the error message say if the Last name is not valid?

5. What should the error message say if the Last name is greater than 20 characters?