Driver Email

As an Insurance agent, I would like to create a new driver with a valid email address.

Requirement:

Name	Data Type	Description	Required	Additional Info
email	email	Driver Email Address	TRUE	Email must be - in a valid format such as example@example.com - have @ sign - have domain name - have a dot (.) and domain extension - 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 email address.
2. Verify that the user receives an error when @ sign is not provided in the email
3. Verify that the user receives an error when domain name is not provided in the email
4. Verify that the user receives an error when '.' is not provided in the email
5. Verify that the user receives an error when email is provided such as <>@example.com
6. Verify that API errors out with duplicate emails.

API URL**: https://generalinsurance-ff4b.restdb.io/rest/driver**
API Method**: Post**
Authentication: Bearer <token>

Note: For token generation credentials, please send me a message on the Facebook page link.

Test case 1:

API Body	Expected	Actual

{
  "lastname": "Jason<>",
  "firstname": "Float<>",
  "middleinitial": "Mr",
  "dob": "1980-07-06",
  "email": "jason_Float<>@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"
}
Note: If you see <> in the body, please replace it with a unique character so that we don't get duplicate errors.
	User is able to save driver information successfully with a valid email address.	I observed that user is able to save driver information successfully with a valid email address.

	Status code 201 received.	I received status code of 201.

Test case 2:

API Body	Expected	Actual

{
  "firstname": "Float",
  "middleinitial": "Mr",
  "dob": "1980-07-06",
  "email": "jason_Float7gmail.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"
}
 	
Note: If you see <> in the body, please replace it with a unique character so that we don't get duplicate errors.
	Verify that the user receives an error when @ sign is not provided in the email.	

	Status code 400 received.	

Test case 3:

API Body	Expected	Actual

{
   "lastname": "Jason<>",
   "firstname": "Float<>",
   "middleinitial": "Mr",
   "dob": "1980-07-06",
   "email": "jason_Float<>@",
   "ssn": "851-11-67<>1",
   "phonenumber":"728-942-1823",
   "cellnumber":"728-943-193<>",
   "createddate":"2023-01-10",
   "active":"true",
   "isprimarypolicyholder": false,
   "policy_id": 45645216,
   "maritalstatus": "single"
}
 	
Note: If you see <> in the body, please replace it with a unique character so that we don't get duplicate errors.
	Verify that the user receive an error when domain name is not provided in the email address.	

	Status code 400 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 a user wants to update his or her email address?
2. What should happen if there is space in the email?
3. What should the error message say if the @ sign is not provided?
4. What should the error message say if the domain name is not valid?
5. What should the error message say if the '.' dot is not provided?
6. Is there any length limitation on email addresses?