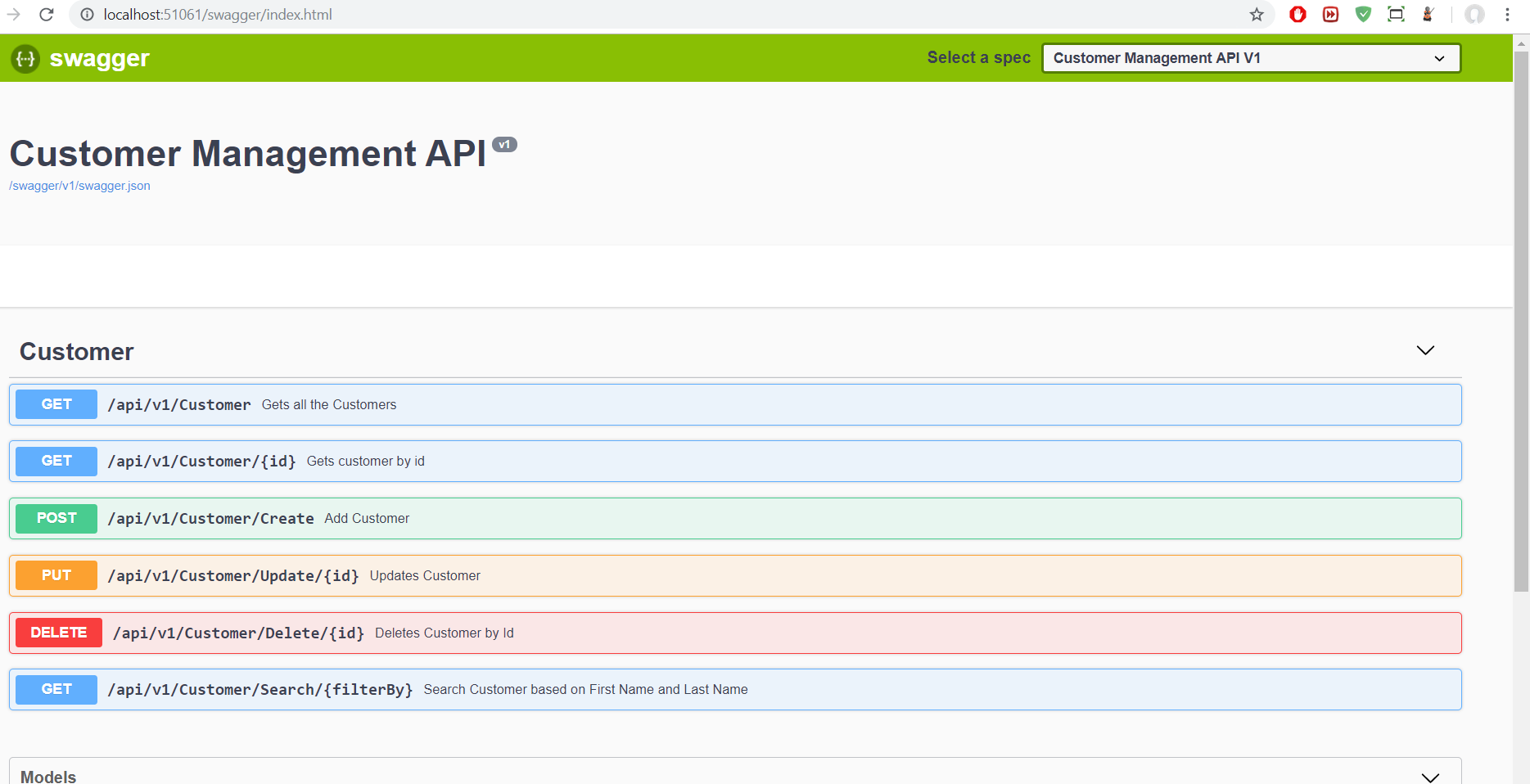
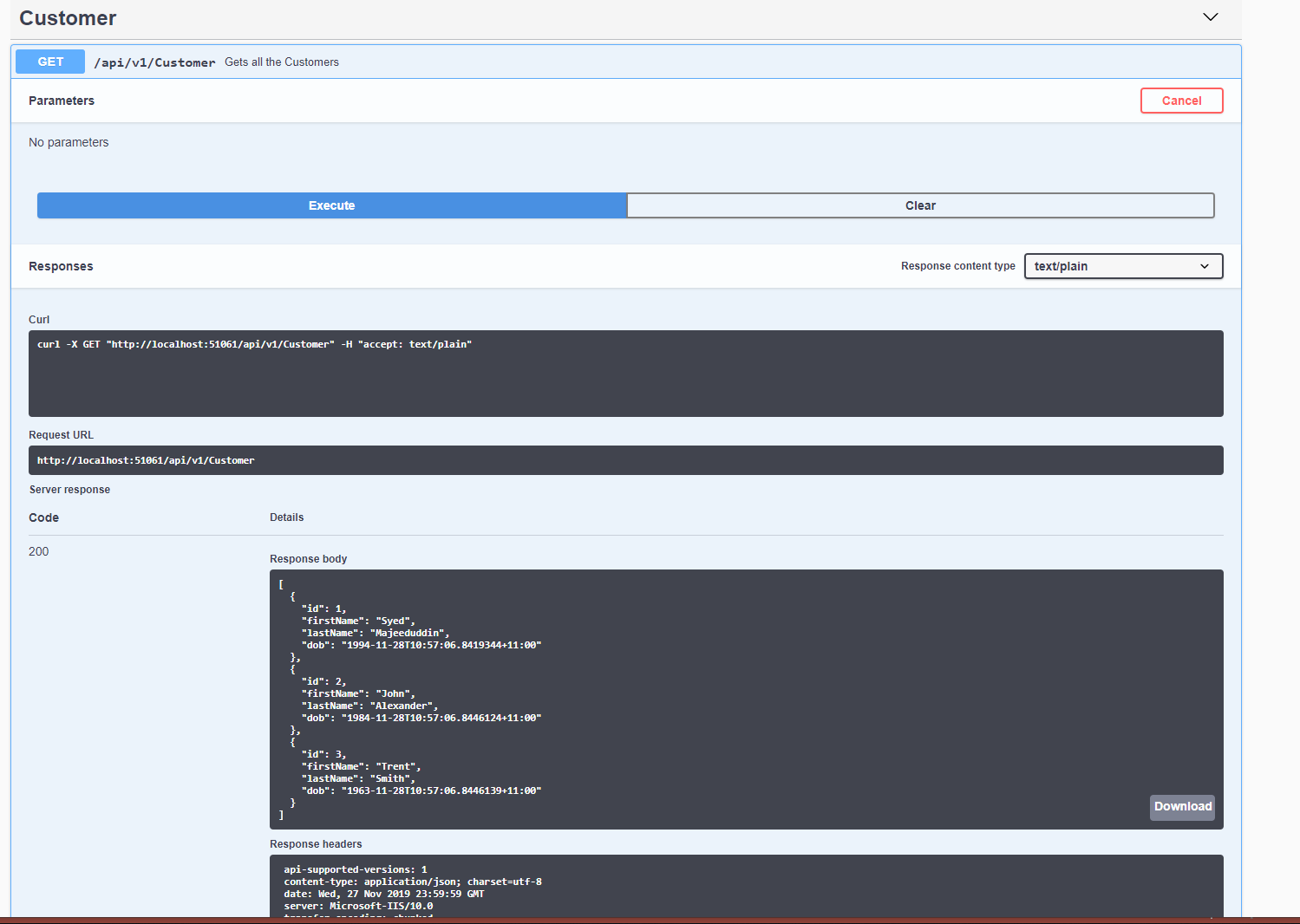
The API Service is configured to use port 51061 as given in the URL : <http://localhost:51061/swagger/index.html>



Versioning is defined for the API. The current version is v1 as shown in the swagger index page.

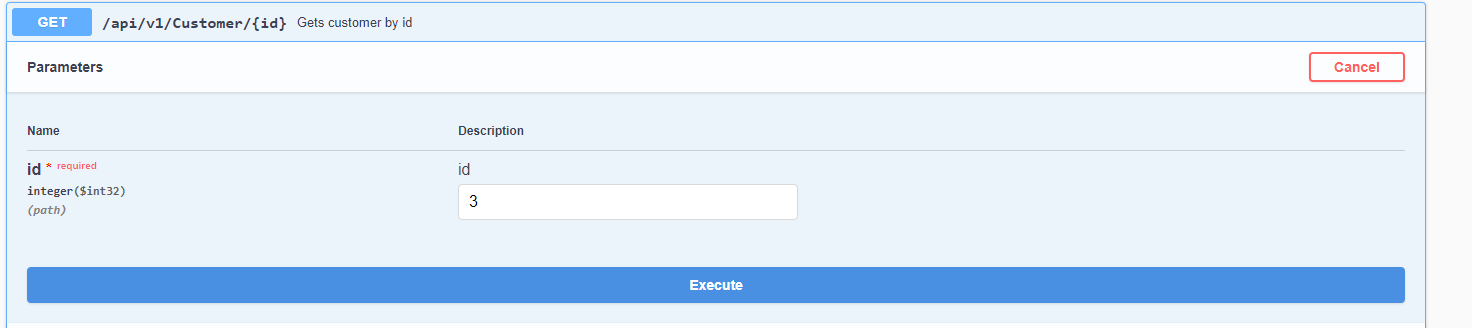
1. API Call to get all the Customers with First Name, Last Name and DOB.



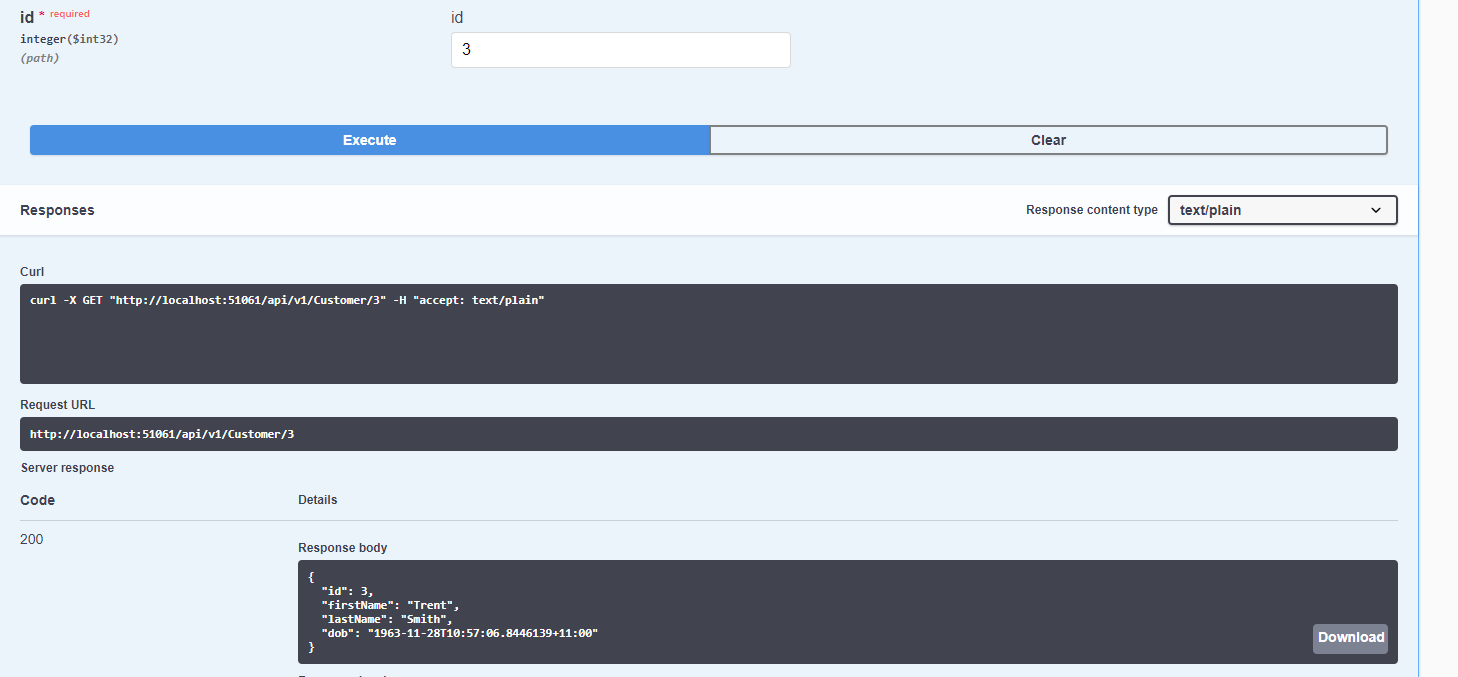


1. API Call to get Customer Id :

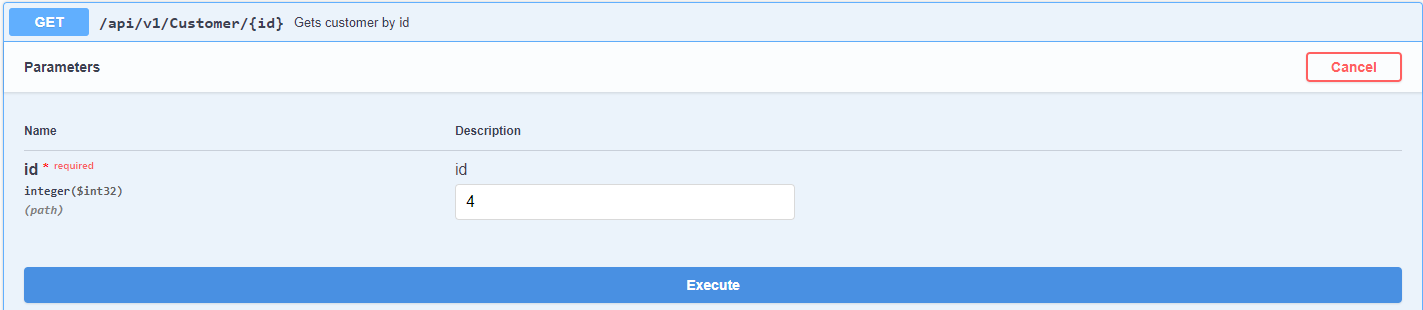




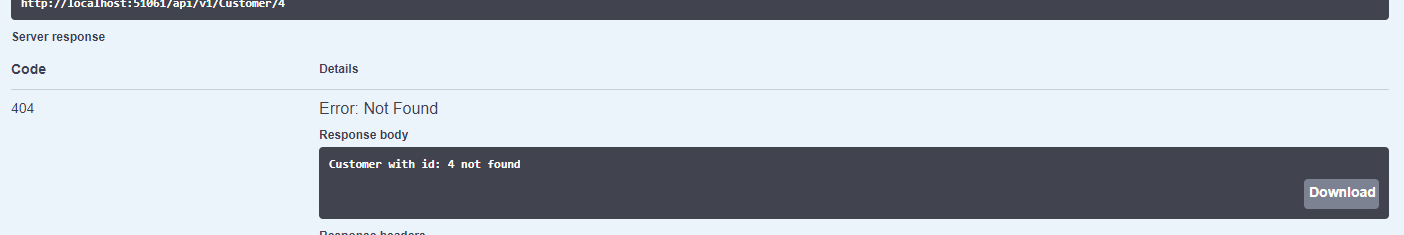
Get the following result:



If a customer with an Id does not exists then a not found event code is returned.

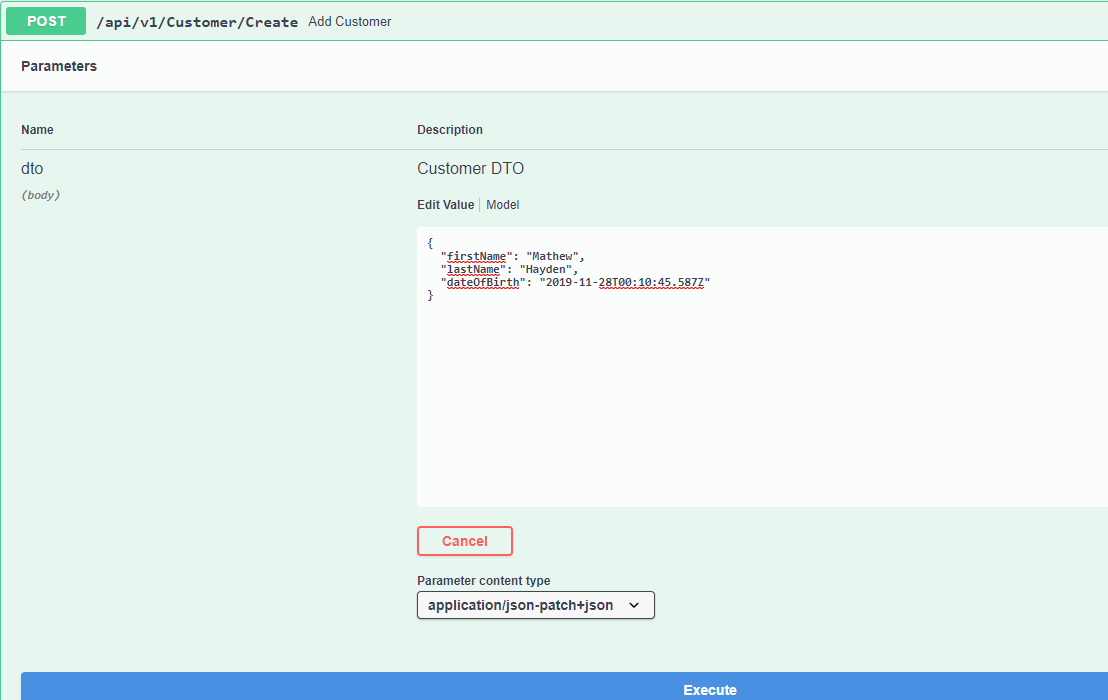


Result :

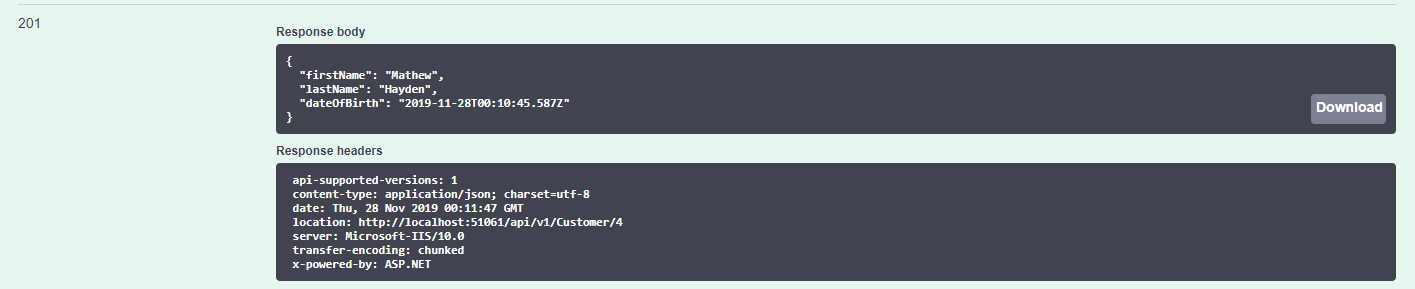


1. API call to Create Customer: Please note validation in place if Customer with same First Name and Last Name already exists.

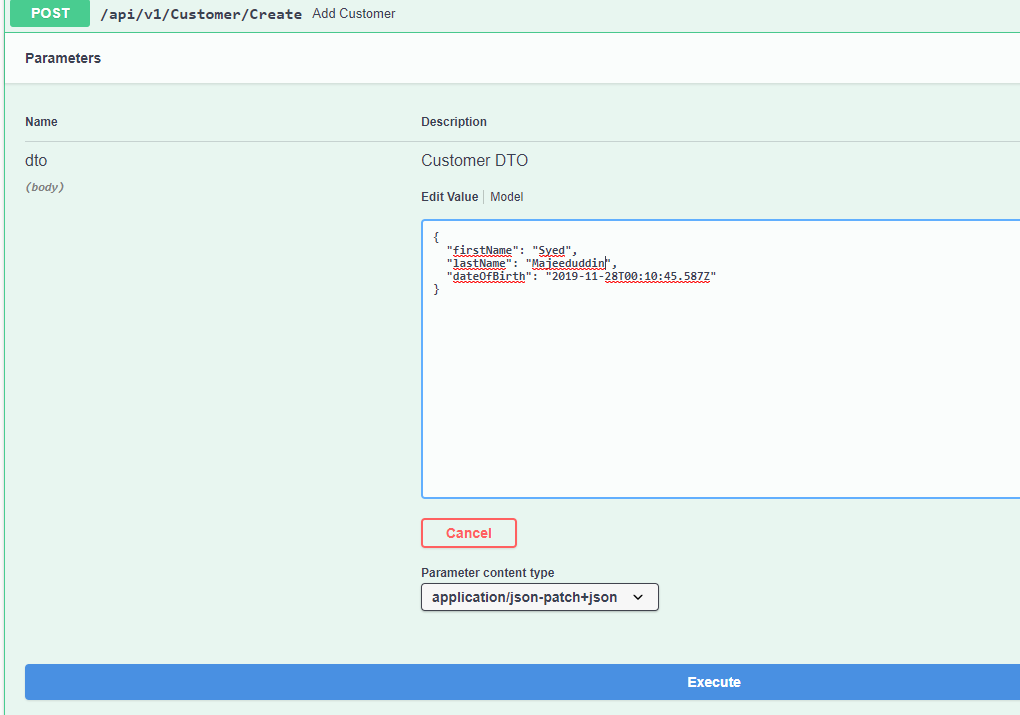




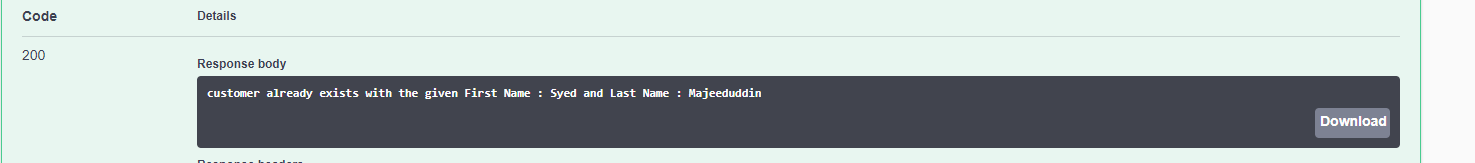
Result : After the Customer is created, same customer details are returned.



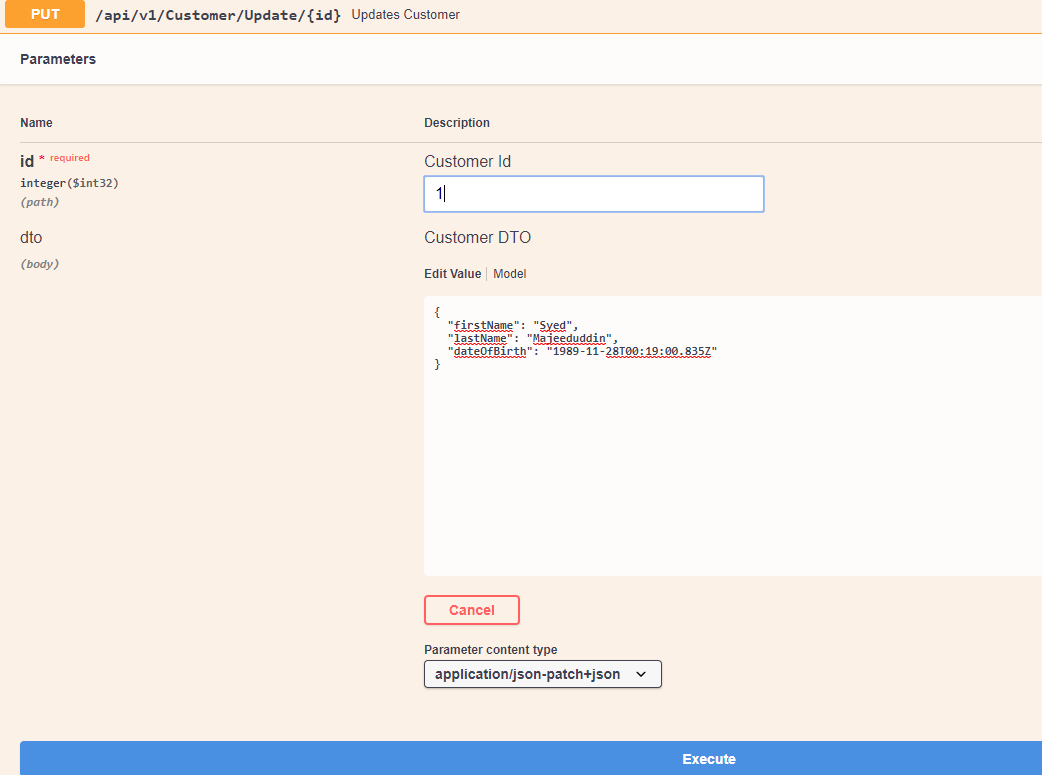
Customer already exists:



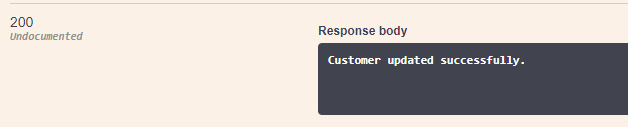
Result :



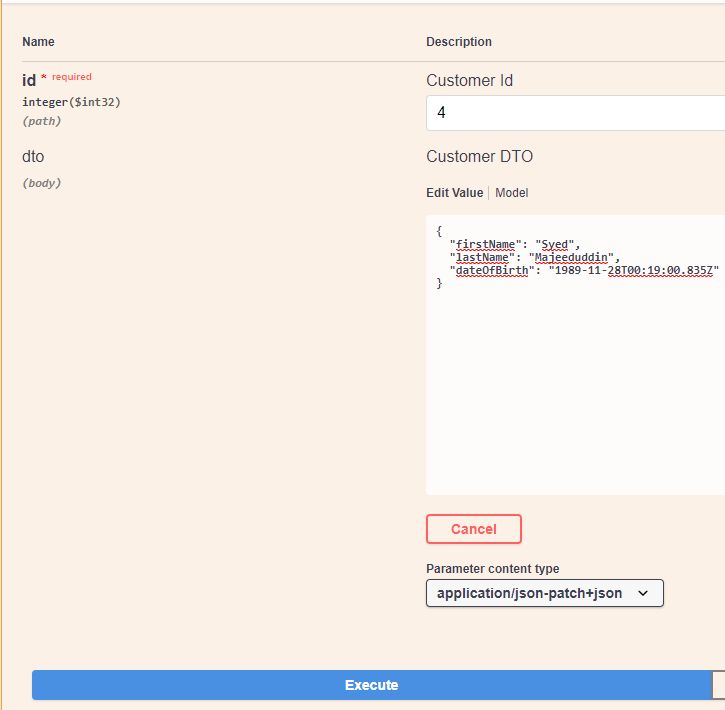
1. API Call to Update Customer DOB :



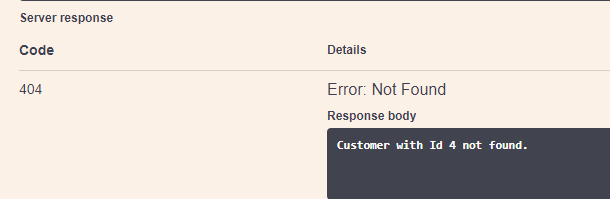
Result :



Customer to update does not exist:



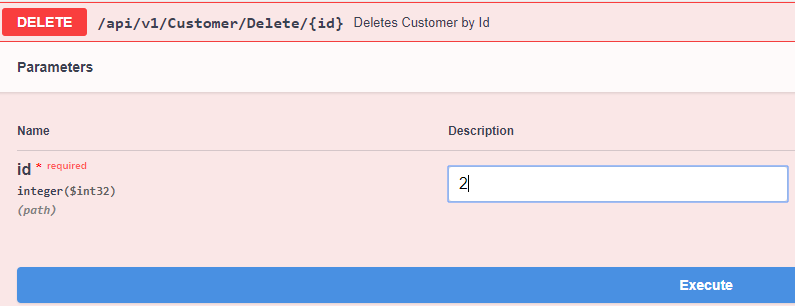
Result :



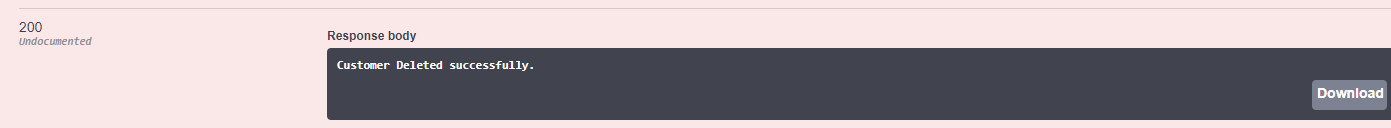
1. API Call to Delete Customer :



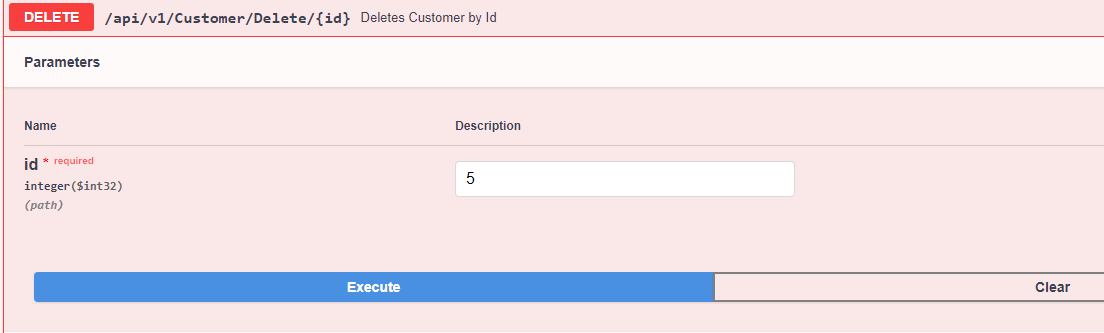
Delete existing customer:

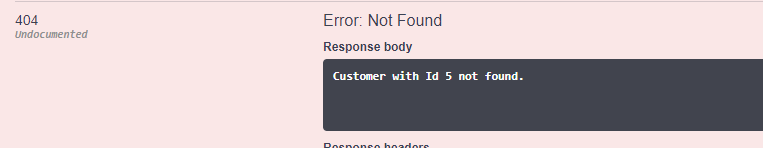


Result :



Delete a customer that does not exist :

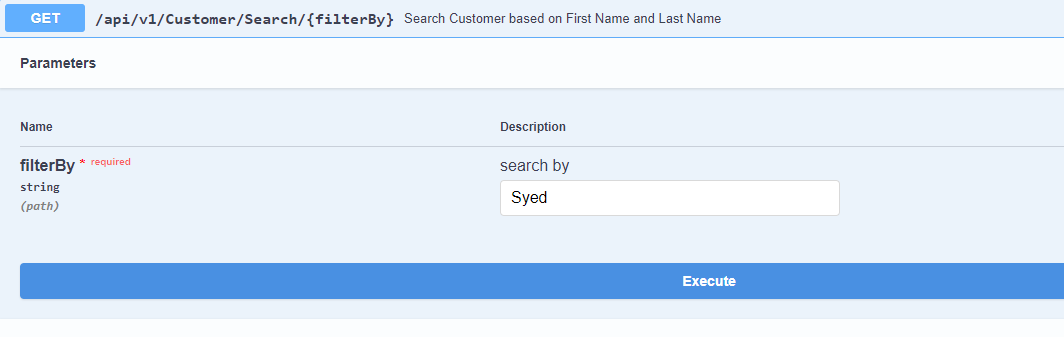




1. API Call to Search by First Name or Last Name :

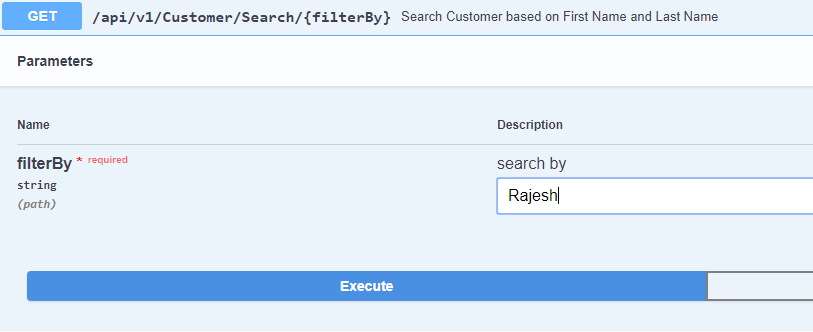


Search an existing Customer based on First Name and Last Name:

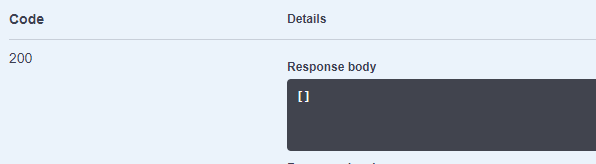




Search a Customer that does not exist:



Result :



Please note that the Business layer is using EF Core In memory database. So there is no need to have a physical database to run this API.

The Unit Test cases are using EF Core SQL Lite in memory connection for the testing. Please find below the outcome of the test cases.

