

## REST API Project

I have used Azure for Rest API. I connected my API with MSSQL database on Azure. I have created three Tables. Database is in 3NF. Tables are followed:

1. HotelList – **hotel\_name** varchar (255), **price** int, **availability** bit
2. Reservation – **cno** bigint, **hotel\_name** varchar (255), **checkin** varchar (255), **checkout** varchar (255)
3. Guest – **cno** bigint, **guest\_name** varchar (255), **gender** varchar (255)

❖ getListOfHotels:

➤ URL:

<https://projectmcda5550.azurewebsites.net/api/getListOfHotels>

➤ Select **Authorization**, Type: **API key**

➤ Key: **Code**

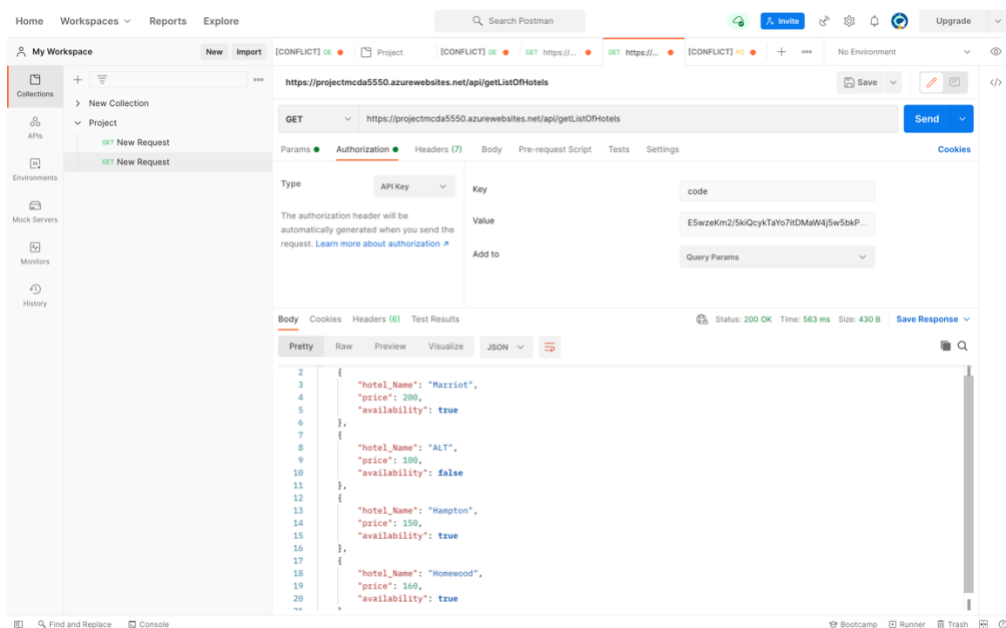
➤ Value:

**E5wzeKm2/5kiQcykTaYo7itDMaW4j5w5bkPRsP6T6lpa3zX8  
WsMJXw==**

➤ Add to **Query Parameter**

➤ Hit send

Output:



❖ reservationConfirmation:

➤ URL:

<https://projectmcda5550.azurewebsites.net/api/reservationConfirmation>

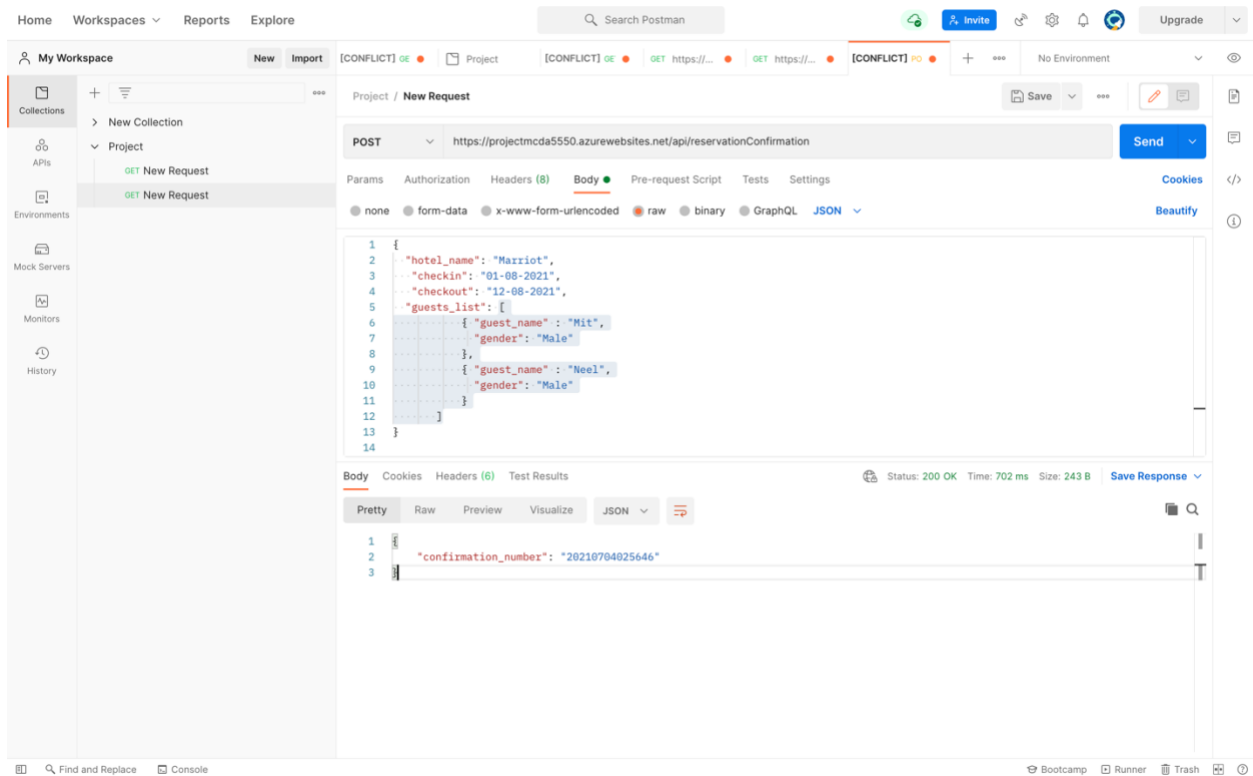
➤ Go to Body, select raw, select JSON

➤ Paste below text:

```
{
  "hotel_name": "Marriot",
  "checkin": "01-08-2021",
  "checkout": "12-08-2021",
  "guests_list": [
    { "guest_name" : "Mit",
      "gender": "Male"
    },
    { "guest_name" : "Neel",
      "gender": "Male"
    }
  ]
}
```

➤ Hit send

## Output:



## Details about API

Use this link for check my Documentation: <https://petstore.swagger.io>

Documentation of API:

<https://projectmcda5550.azurewebsites.net/api/Swagger>

## GitHub Link:

[https://github.com/A00444857/A00444857\\_MCDA5550.git](https://github.com/A00444857/A00444857_MCDA5550.git)