**Tested Scenarios**

**Assumptions: Validation of correct email, mobile number length, password, name will be done on UI level**

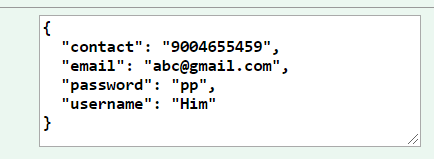
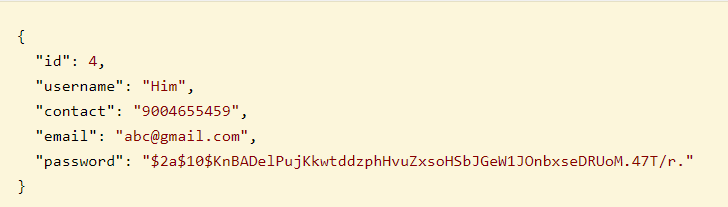
**Note:** APIs can be tested using Postman or Swagger.

Swagger Url**-** [**http://localhost:8080/swagger-ui.html**](http://localhost:8080/swagger-ui.html)

Use Bearer Token in Header authentication

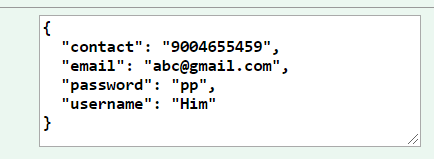
**Scenario1- Registration**

**TC 1- Person needs to register with Name, mobile and password**

**Request : Response:**  

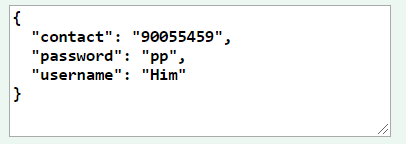
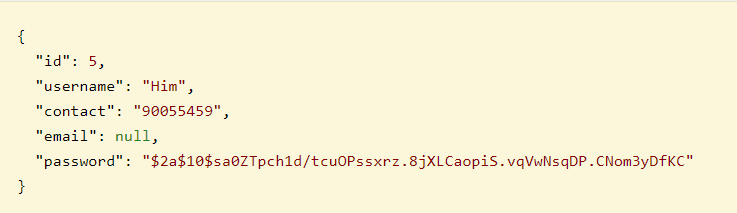
**TC 2- One Person is allowed to register with one Mobile**

**Request Response**



**TC-3 – Email is not mandatory while registering**

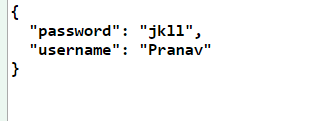
**Request Response**

**Scenario2- Login**

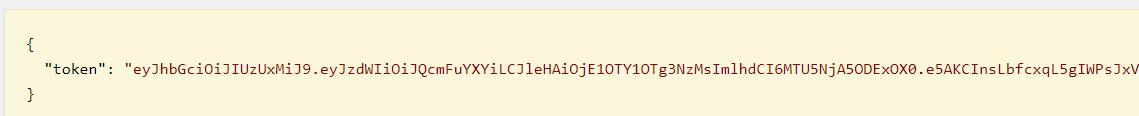
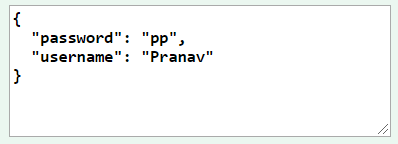
**TC4- User can login using his name and password and Unauthorized will be given on wrong password**

**Request Response**



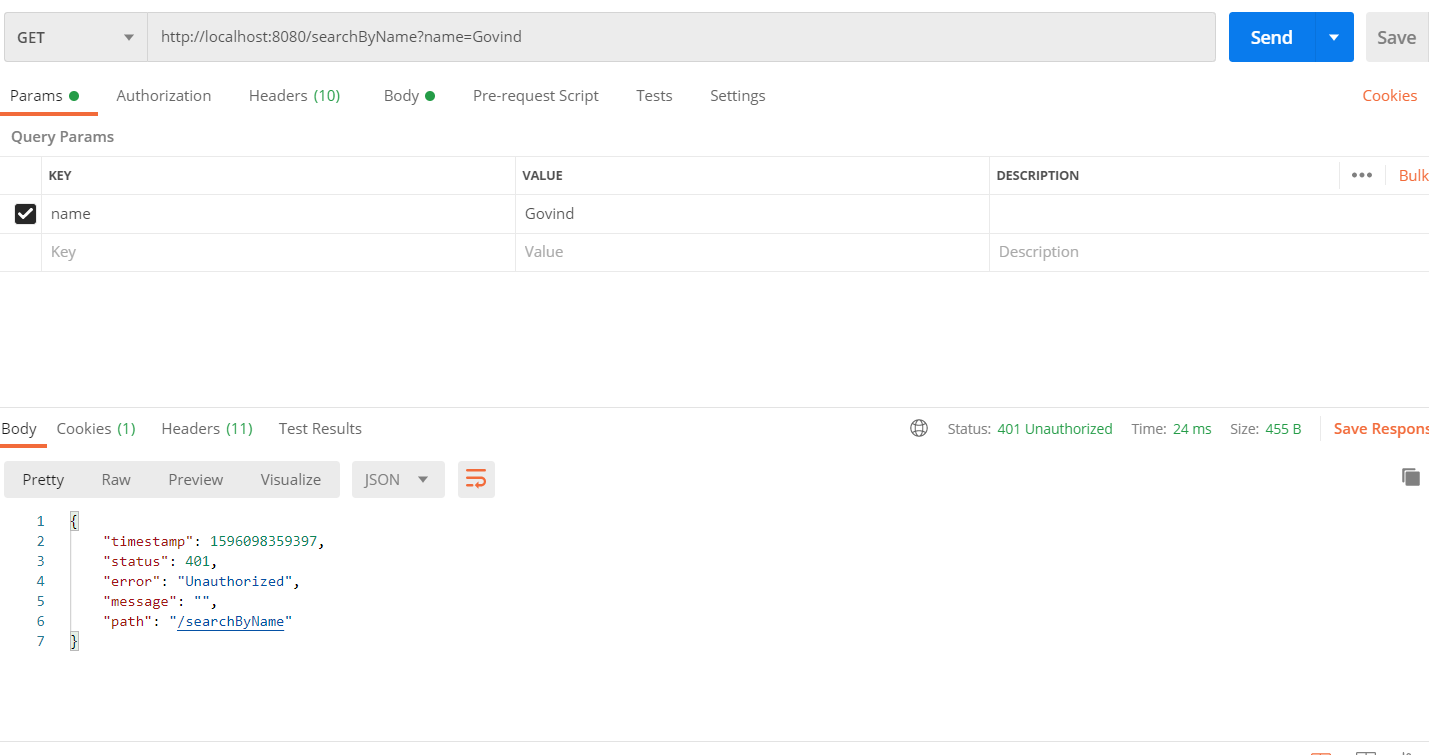
**TC5- On successful login a token will be assigned**

**Request Response**



**Scenario 3: Searching**

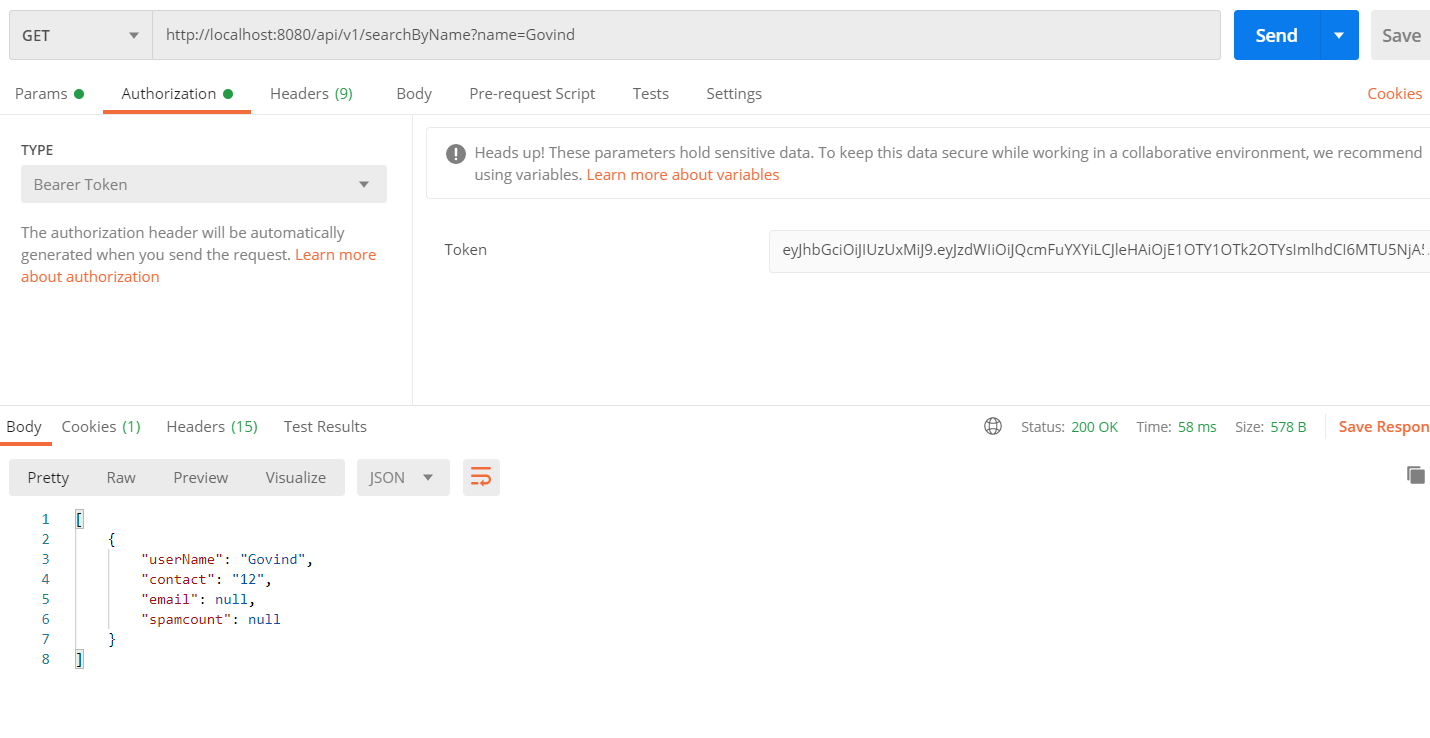
**TC6- User Can only search using token , otherwise will get unauthorized response**



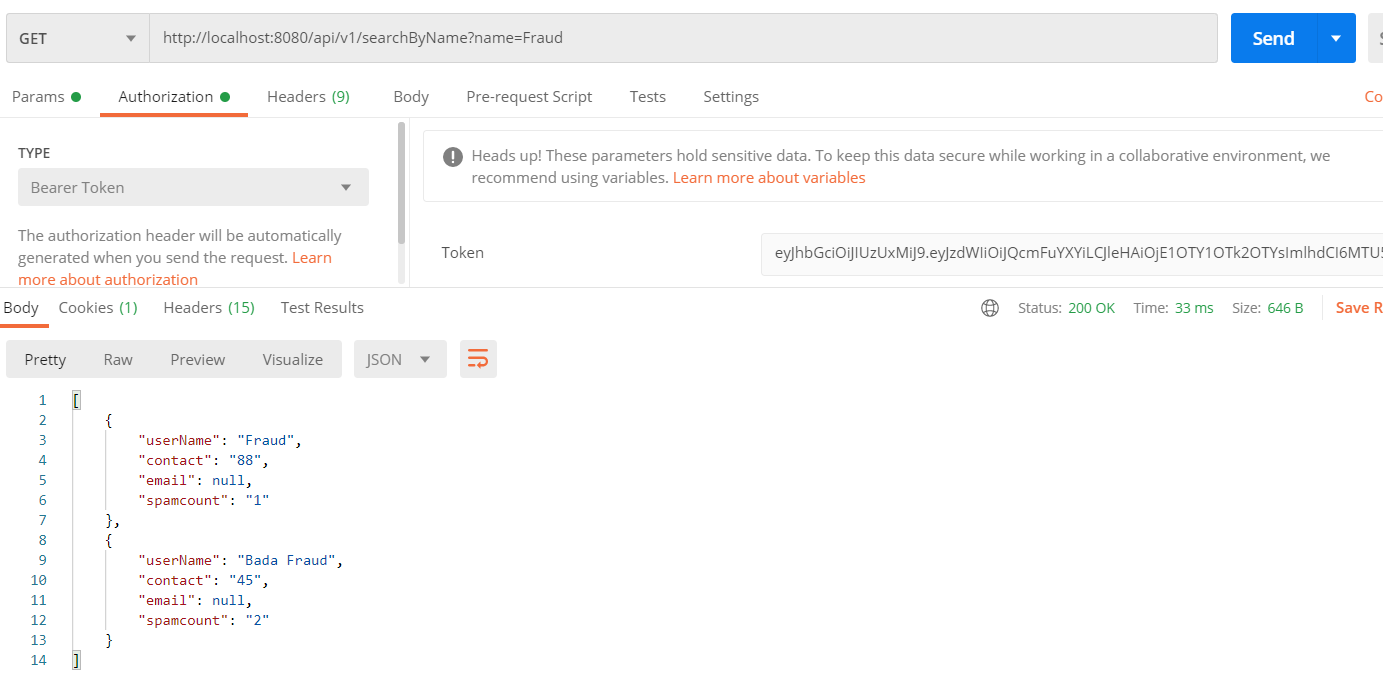
**TC7- Using Bearer Token after login , person can search for Name**

Assumption: Email and Spamcount null- means they will not be displayed

**Input: Person is registered**

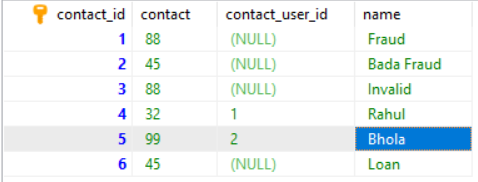
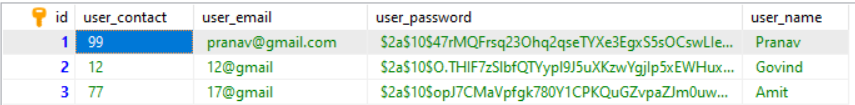


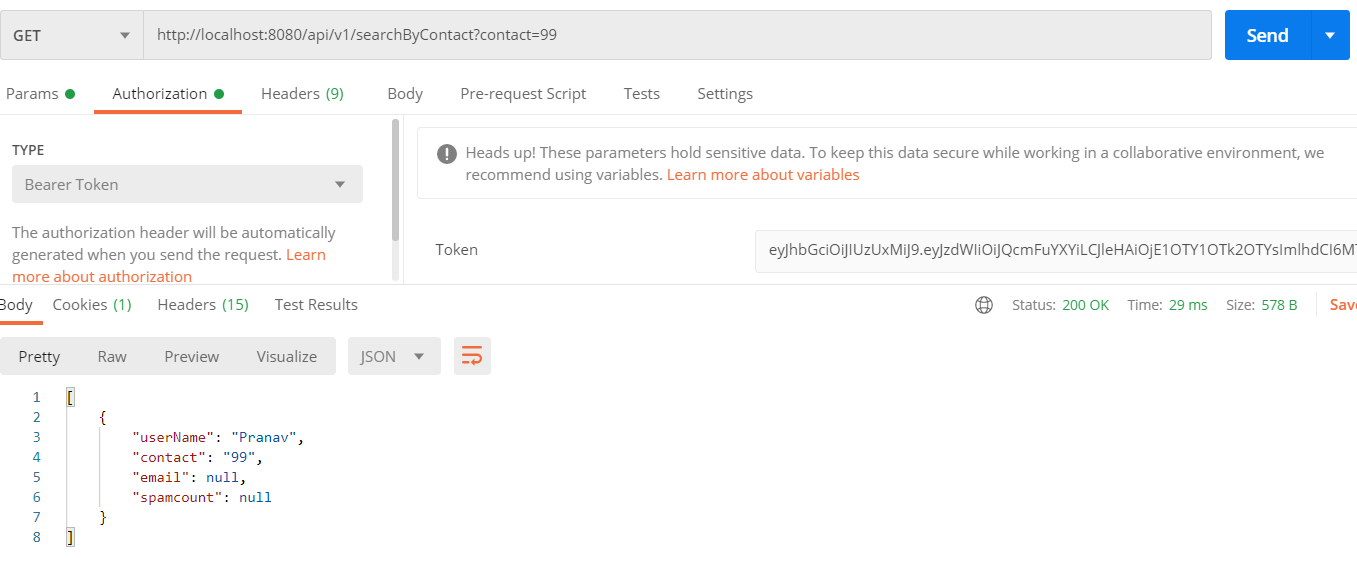
**TC8: Search by Name having multiple results, exact name match will be displayed first, followed by name in between**



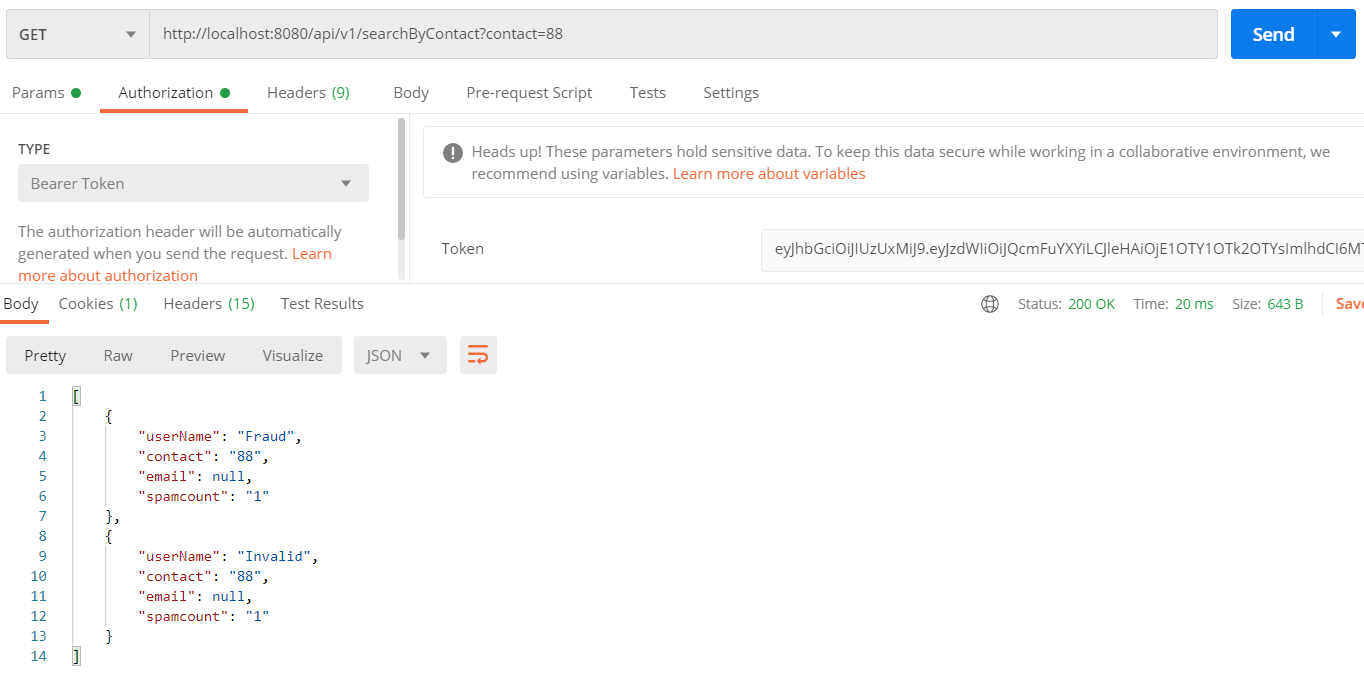
**TC9: Search by Contact for the Person present in both global database and registered user, result will be from registered user only**

Note: Name in Global database for contact 99 is bhola while in Registered table its name is Pranav

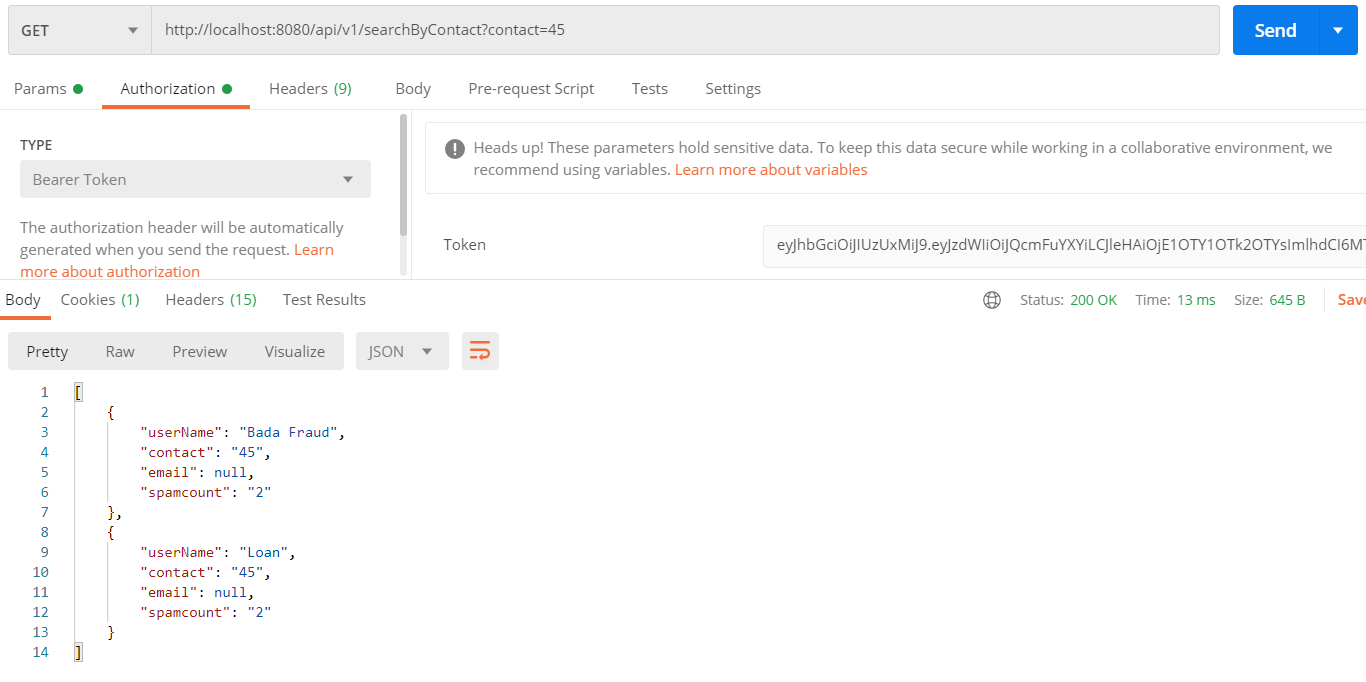
 



**TC10- Search by Contact for number having multiple names in Global Database**

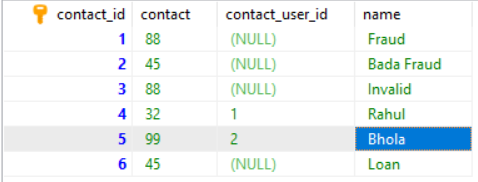
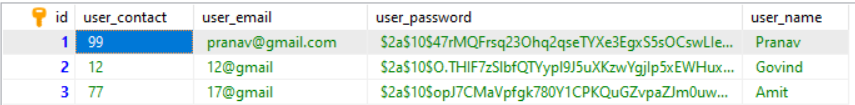


**TC11- Check for full details of Person while clicking on contact link for not registered User**



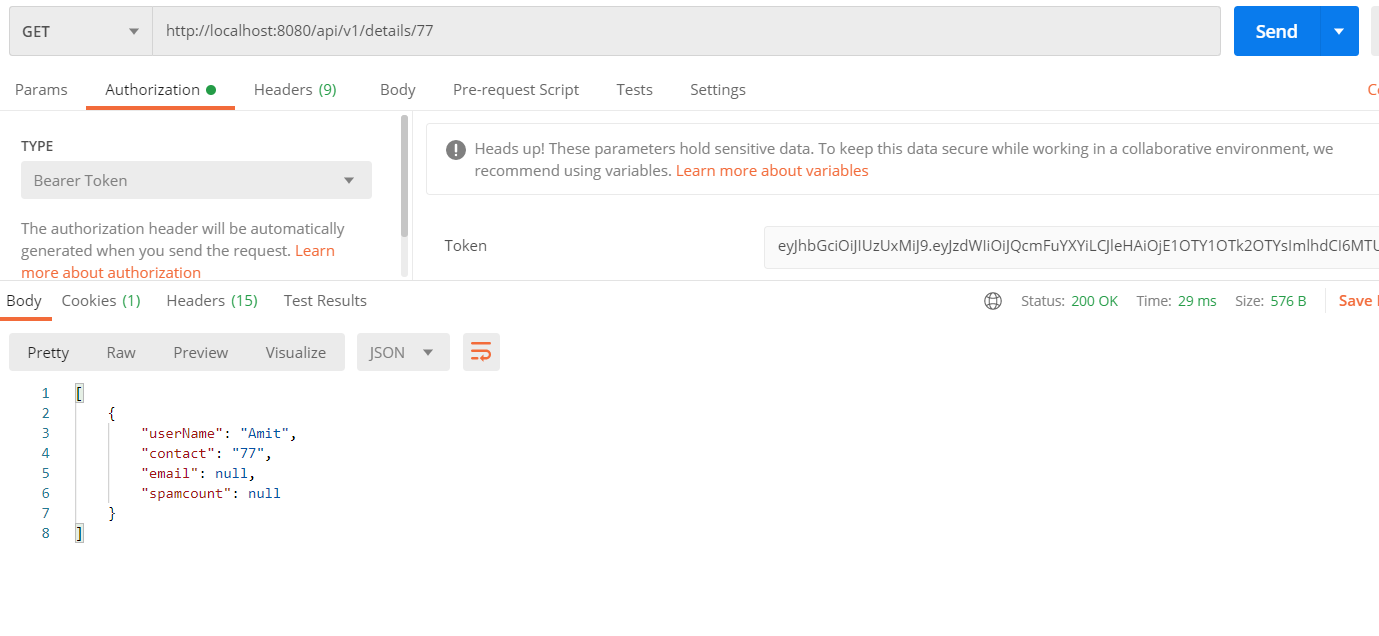
**TC12: Check for full details of Person while clicking on contact link for registered User but email will not be displayed as searching person is not in the contact list of person**

Global Database Registered User

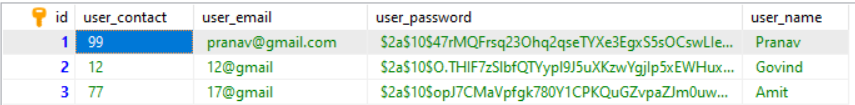
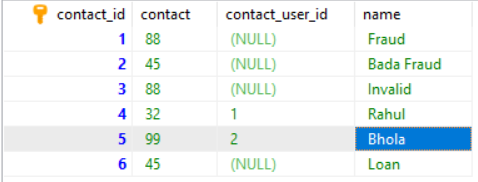
**Note:** Here Person logged in has contact number 99 and searched for contact 77 but contact 77 id is 3 which is not present in contact\_user\_id column against contact number 99 in Global Database

**Result: Email will be not displayed**

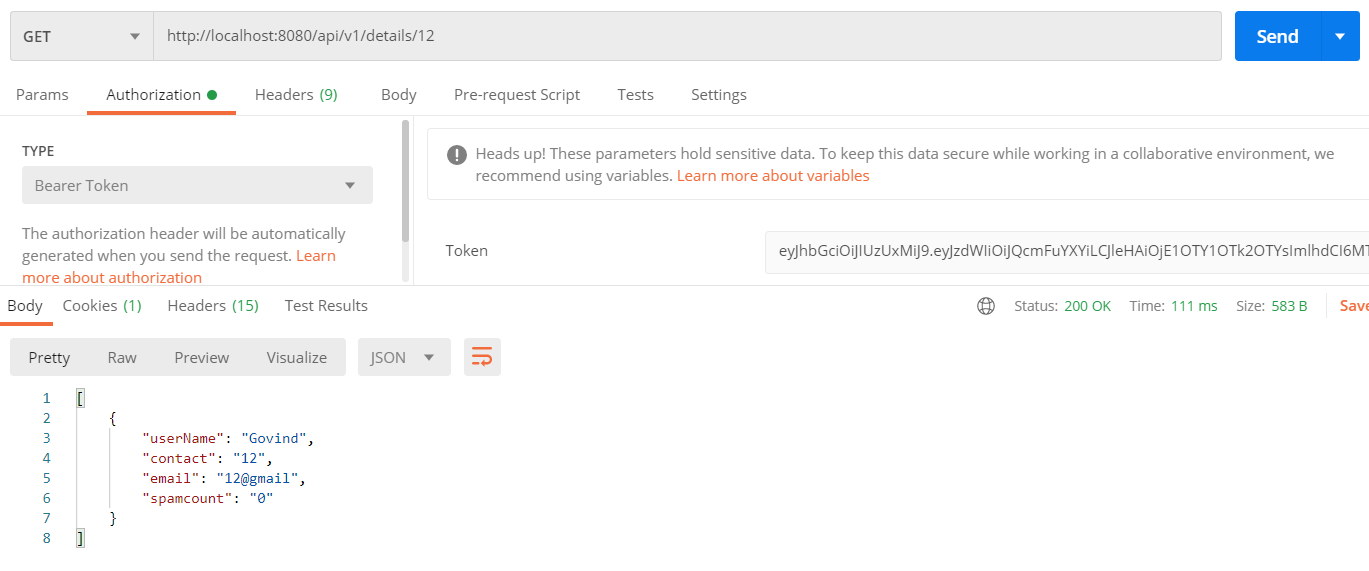


**TC13: Check for full details of Person while clicking on contact link for registered User and email will be displayed as searching person is in the contact list of person**

**Global Database Registered User**



**Note:** Here Person logged in has contact number 99 and searched for contact 12 and contact 12 id is 2 which is mapped in contact\_user\_id column against contact number 99 in Global Database so email will be displayed

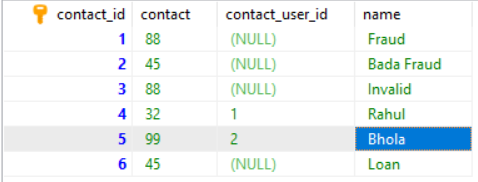


**Scenario 4 – Marking Number to Spam**

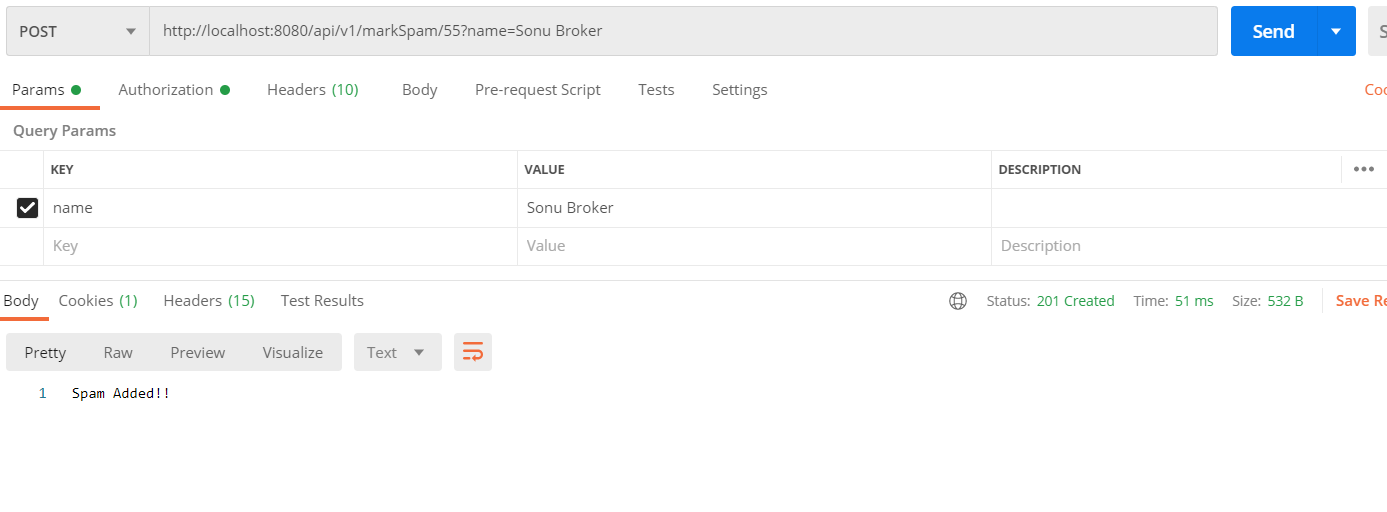
**TC 14: Marking a random number to Spam**

**Assumption:** User is allowed to provide name of new number as well

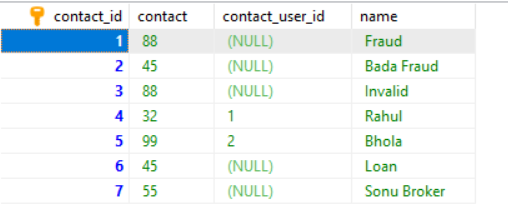
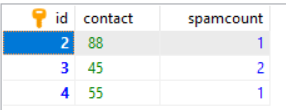
**Spam Table- No number with contact 55 No name and entry in global database**



**After running api**

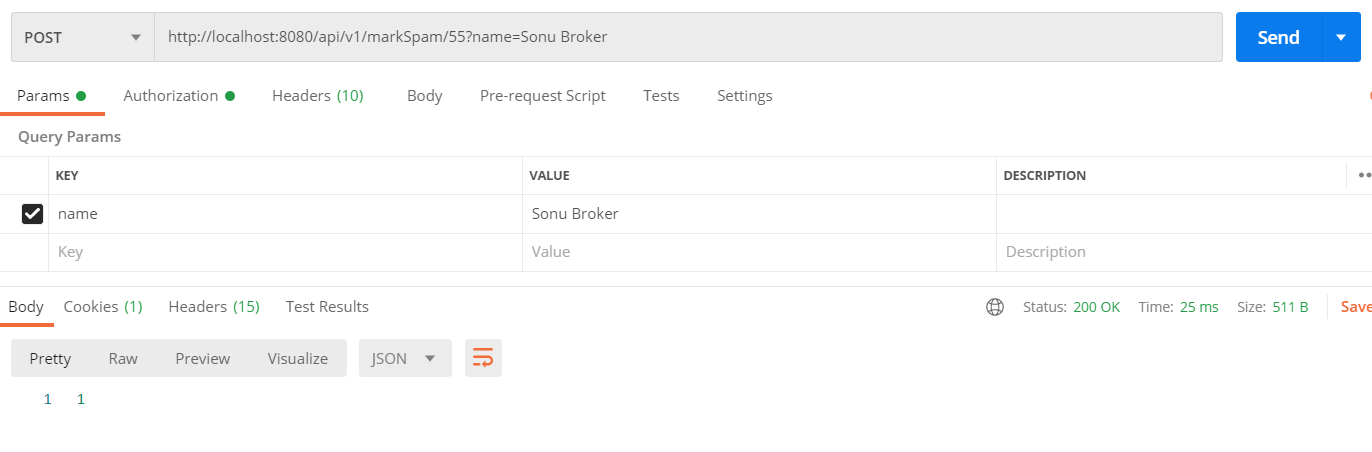


**Entry made for contact 55 with 1 spam count Name also get added in global database against contact 55**

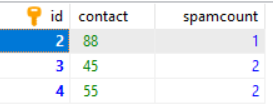


**TC 15: Marking a number spam already present in Spam DB**

**Note: Marking same contact 55 as spam -> Count should increase by 1 in DB**



**spamcount increases by becomes 2 against contact 55**



**TC 16: Marking spam without authentication token will give unauthorized access**

