This is a brief description of what this app does and how these apis work

This app is just like truecaller and works on same principle

To start the project, one needs to run the server first using the specified virtual environment.

On Linux,

Enter following commands once you are in this directory

source venv/bin/activate cd callerid python manage.py runserver

Now the application server has started,

Every Functionality implemented in the code could have been implemented using various other methods. I have used methods which I felt would be appropriate

To access anything in the api , one needs to be logged in otherwise it will raise Authentication errors.

To register using the API: -

ENDPOINT - http://localhost:8000/api/auth/register/

data = { "name": "", "phone\_number": "", "email": "", "password": "", "password2": "" }

To login and authenticate into the API :

ENDPOINT - http://localhost:8000/api/auth/login/

data = { "phone\_number/email": "", "password": "", }

Note :- I have used JWT Authentication and implicitly logging into django using login function, but for third party devices and apps, we can use token based system to verify and it has also been implemented here only

After logging in you can use below ENDPOINTS

Search using the API

ENDPOINT - http://localhost:8000/api/data/

To search using a phone number -

ENDPOINT - http://localhost:8000/api/data/?p={phone\_number}

Replace {phone\_number} with phone number and make a get request

To search using a name -

ENDPOINT - http://localhost:8000/api/data/?name={name}

Replace {phone\_number} with phone number and make a get request

Detail View of Users

ENDPOINT - http://localhost:8000/api/data/{user\_id}

Replace {user\_id} with respective id of user to display.

It has been keeping in mind to show the Email if Requested User has logged in user's phone number as a contact

To mark spam Make a POST request to the ENDPOINT

Detail View of Contacts

ENDPOINT - http://localhost:8000/api/data/p/{user\_id}/

Replace {user\_id} with respective id of user to display.

It has been keeping in mind to show the Email if Requested User has logged in user's phone number as a contact

To mark spam

Make a POST request to the ENDPOINT