Project Setup

Node setup is given in project folder

Node version – 14.16.1

Npm version – 6.14.12

OPEN terminal run - ‘npm install’

To run server – ‘npm start’ (server run on port 8000)

DB Name – ‘caller’

create database caller;

use caller;

* The project contain data of 4 tables (extention -.sql)

Tables

Users – stores registered users

create table users (user\_id int primary key auto\_increment,phone text,person\_name text,email text,pass text);

Personal\_contact – store personal contact of registered user

create table personal\_contact (user\_id int primary key auto\_increment,person\_name text,phone text,contact\_of text);

Global\_contacts – store all contact personal +registered user

create table global\_contacts (id int primary key auto\_increment,user\_id int,person\_name text,phone text,email text,is\_registered bool default false);

spammers – store spam count and who spammed by phone number

create table spammers (spam\_id int primary key auto\_increment,phone text,spam\_count int default 0,spammed\_by text);

API endpoints

I have attached a postman collection.

* To register user

Type - POST

url - localhost:8000/api/user/register

url encoded form data -

mandatory-name,phone,pwd,cnf\_pwd ,optional – email

* To Login

TYPE-POST

URL – localhost:8000/api/user/login

url encoded form data - phone,pwd

// Save the jwt now all request need jwt in header

* To mark Spam

Type-POST

URL- localhost:8000/api/user/mark-spam/:phone (phone no as string param)

Authorization – bearer “jwt\_token”

* Search by name

Type-GET

URL – localhost:8000/api/search/name/:name (name as string param)

Authorization – bearer “jwt\_token”

* Search by phone number

Type-GET

URL – localhost:8000/api/search/phone/:phone (phone no as string param)

Authorization – bearer “jwt\_token”

* Get Contact details

Type-GET

URL - localhost:8000/api/user/get-detail/:globaLId (global Id- primary key of global\_contacts as string params

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Authorization – bearer “jwt\_token”