<u>Modified Device Endpoints</u>

1. Get Current Data:

Request Type : GET

Endpoint URL : http://43.231.127.246:8000/get_current_data

Description : To fetch the current data from the database with respect to the latitude and longitude sent by the device. The server sends back the data such as speed limit, nearby police station and ambulance contact within a 5km radius. If the speed limit array has more than 30 data, it'll be truncated to 30.

Request Body :

```
{
    "latitude" : 11.122320,
    "longitude" : 77.336450
}
```

Response Body:

- **Case-1 => If Data Fetch is successful!!**

```
{
    "success": True,
    "message": "Data Fetched Successfully!!",
    "data": [
       {
           "latitude": 11.108524,
           "longitude": 77.341064,
           "speed_limit": 80.0
       }
    ]
}
```

- **Case-2 => If other than GET request**

```
{
        'success': False,
        'message': 'Invalid Request'
}, status=400)
```

- **Case-4 => If any other Exception**

```
{
        'success': False,
        'message': 'Error Fetching Data!!'
}
```

2. Get Device Info:

Request Type : GET

Endpoint URL : http://43.231.127.246:8000/get_device_info

Description : To fetch the 'tyre_size' and 'pulse' of the respective vehicle from the server. This endpoint should be called only once during the registration of the device.

Request Body:

```
{
        "device_id" : "AB123CGF2"
}
```

Response Body:

- **Case-1 => If Data Fetch is successful!!**

```
{
    'success': True,
    'message': 'Data Fetched Successfully!!',
     'data': {
          'tyre_size': 20.0,
          'pulses': 10.5,
       }
}
```

- **Case-2 => If other than GET request**

```
{
            'success': False,
            'message': 'Invalid Request'
    }, status=400)
```

- **Case-3 => If device not registered with any vehicle**

```
{
            'success': False,
            'message': 'Device ID not registered'
    }, status=400)
```

- **Case-4 => If any other Exception**

```
{
            'success': False,
             'message': 'Error Fetching Data!!'
}
```