API Document

Version 1.0

Laravel version: 5.8
PHP Version: >= 7.1.3

Functionality Description:

Develop an API endpoint that returns data used to graph the number of tweets per hour for a given user over a 48 hour period.

API Endpoint

`GET` api/tweets/{screen_name}

Returns hourly tweets count for the tweets posted by the user indicated by the **screen_name**

for past 48 hours from now.

Path Parameters

screen_name: required

Resource URL (Test Server)

http://twitterapp.tp-team.com/api/tweets/{screen_name}

Example

Using **svhsydney** as a screen_name to test the API

http://twitterapp.tp-team.com/api/tweets/svhsydney

Response

Correct screen_name
Status: 200 OK

```
{
   "from": "Sun, 09 Jun 2019 06:00:00 +0000",
   "to": "Tue, 11 Jun 2019 06:59:59 +0000",
   "by_hour": [
      {
         "time": "11/06/2019 06:00 AM - 11/06/2019 07:00 AM",
         "count": 4
```

```
  },
  {
    "time": "11/06/2019 05:00 AM - 11/06/2019 06:00 AM",
    "count": 17
  },
  {
    "time": "11/06/2019 04:00 AM - 11/06/2019 05:00 AM",
    "count": 11
  },
  {
    "time": "11/06/2019 03:00 AM - 11/06/2019 04:00 AM",
    "count": 11
  },
  {
    "time": "11/06/2019 02:00 AM - 11/06/2019 03:00 AM",
    "count": 7
  },
  {
    "time": "11/06/2019 01:00 AM - 11/06/2019 02:00 AM",
    "count": 1
  },
  {
    "time": "11/06/2019 12:00 AM - 11/06/2019 01:00 AM",
    "count": 2
  },
  {
    "time": "10/06/2019 11:00 PM - 11/06/2019 12:00 AM",
    "count": 2
  },
  {
    "time": "10/06/2019 10:00 PM - 10/06/2019 11:00 PM",
    "count": 3
  },
  {
    "time": "10/06/2019 09:00 PM - 10/06/2019 10:00 PM",
    "count": 2
  },
  {
    "time": "10/06/2019 08:00 PM - 10/06/2019 09:00 PM",
    "count": 1
  },
  {
    "time": "10/06/2019 07:00 PM - 10/06/2019 08:00 PM",
```

```json
    "count": 3
  },
  {
    "time": "10/06/2019 06:00 PM - 10/06/2019 07:00 PM",
    "count": 6
  },
  {
    "time": "10/06/2019 05:00 PM - 10/06/2019 06:00 PM",
    "count": 13
  },
  {
    "time": "10/06/2019 04:00 PM - 10/06/2019 05:00 PM",
    "count": 11
  },
  {
    "time": "10/06/2019 03:00 PM - 10/06/2019 04:00 PM",
    "count": 9
  },
  {
    "time": "10/06/2019 02:00 PM - 10/06/2019 03:00 PM",
    "count": 10
  },
  {
    "time": "10/06/2019 01:00 PM - 10/06/2019 02:00 PM",
    "count": 12
  },
  {
    "time": "10/06/2019 12:00 PM - 10/06/2019 01:00 PM",
    "count": 14
  },
  {
    "time": "10/06/2019 11:00 AM - 10/06/2019 12:00 PM",
    "count": 19
  },
  {
    "time": "10/06/2019 10:00 AM - 10/06/2019 11:00 AM",
    "count": 15
  },
  {
    "time": "10/06/2019 09:00 AM - 10/06/2019 10:00 AM",
    "count": 16
  },
  {
```

```
      "time": "10/06/2019 08:00 AM - 10/06/2019 09:00 AM",
      "count": 16
   },
   {
      "time": "10/06/2019 07:00 AM - 10/06/2019 08:00 AM",
      "count": 14
   },
   {
      "time": "10/06/2019 06:00 AM - 10/06/2019 07:00 AM",
      "count": 13
   },
   {
      "time": "10/06/2019 05:00 AM - 10/06/2019 06:00 AM",
      "count": 11
   },
   {
      "time": "10/06/2019 04:00 AM - 10/06/2019 05:00 AM",
      "count": 18
   },
   {
      "time": "10/06/2019 03:00 AM - 10/06/2019 04:00 AM",
      "count": 18
   },
   {
      "time": "10/06/2019 02:00 AM - 10/06/2019 03:00 AM",
      "count": 5
   },
   {
      "time": "10/06/2019 01:00 AM - 10/06/2019 02:00 AM",
      "count": 2
   },
   {
      "time": "10/06/2019 12:00 AM - 10/06/2019 01:00 AM",
      "count": 1
   },
   {
      "time": "09/06/2019 11:00 PM - 10/06/2019 12:00 AM",
      "count": 1
   },
   {
      "time": "09/06/2019 10:00 PM - 09/06/2019 11:00 PM",
      "count": 1
   },
```

```
{
    "time": "09/06/2019 09:00 PM - 09/06/2019 10:00 PM",
    "count": 2
},
{
    "time": "09/06/2019 08:00 PM - 09/06/2019 09:00 PM",
    "count": 1
},
{
    "time": "09/06/2019 07:00 PM - 09/06/2019 08:00 PM",
    "count": 3
},
{
    "time": "09/06/2019 06:00 PM - 09/06/2019 07:00 PM",
    "count": 5
},
{
    "time": "09/06/2019 05:00 PM - 09/06/2019 06:00 PM",
    "count": 10
},
{
    "time": "09/06/2019 04:00 PM - 09/06/2019 05:00 PM",
    "count": 10
},
{
    "time": "09/06/2019 03:00 PM - 09/06/2019 04:00 PM",
    "count": 6
},
{
    "time": "09/06/2019 02:00 PM - 09/06/2019 03:00 PM",
    "count": 10
},
{
    "time": "09/06/2019 01:00 PM - 09/06/2019 02:00 PM",
    "count": 10
},
{
    "time": "09/06/2019 12:00 PM - 09/06/2019 01:00 PM",
    "count": 18
},
{
    "time": "09/06/2019 11:00 AM - 09/06/2019 12:00 PM",
    "count": 10
```

```
    },
    {
        "time": "09/06/2019 10:00 AM - 09/06/2019 11:00 AM",
        "count": 12
    },
    {
        "time": "09/06/2019 09:00 AM - 09/06/2019 10:00 AM",
        "count": 14
    },
    {
        "time": "09/06/2019 08:00 AM - 09/06/2019 09:00 AM",
        "count": 11
    },
    {
        "time": "09/06/2019 07:00 AM - 09/06/2019 08:00 AM",
        "count": 17
    },
    {
        "time": "09/06/2019 06:00 AM - 09/06/2019 07:00 AM",
        "count": 10
    }
  ]
}
```

Incorrect screen_name
Status: 500 Internal Server Error

RuntimeException (404) [50]
User not found.