**Twitter Clone Software Requirements**

### **Goals**

* Create a twitter clone to let users search for tweets and view them.

### **User Stories**

As a user, I want to <Goal> so that <Some reason>

* As a user, I want to able to input my search so that I can search for tweets.
* As a user, I want to search for tweets so that I can view the tweets.
* As a user, I want to able to see the videos,images as well as gifs so that I can view all the contents of tweets.
* As a user, I want to able to search trending hashtags so that I can use them to view the tweets.
* As a user, I want to able to click on the trending hashtags to search them automatically so that I can view the tweets related to it.
* As a user, I want to able to extend the page limit so that I can see all the tweets that are waiting for me.

### **Flow Diagram (Swimlane)**

* + Attached with the file

### **Business Requirements**

1. Pages
   1. Home page
2. Home page
   1. Allow a user to give input and search for tweets what they want
   2. Show the lists of tweets
      1. Show text
      2. Show images (if available)
      3. Show videos (if available)
      4. Show gifs (if available)
      5. Show users tweet-handler who post the tweet
      6. Show users full name and profile who post the tweet
      7. Show how long ago the tweet was created or posted
   3. Show 10 tweets at the start
   4. Allow a user to click on the next page button to see more tweets
   5. Show trending hashtags in a list
   6. Allow user to click on the trending hashtags to see the tweets base on the hashtags
   7. Show profile Photo of the person who is using the application

### Technical Requirements

* Create Twitter developers account
* Show next page button only when there is more tweets to show
  + If not then say “You’re all caught up for today”
* Use moment.js to show how long ago the tweet was published or created
* Use Twitter documentation for work with the API
* API Endpoints
  + URL: <https://api.twitter.com/1.1/search/tweets.json>
  + Params
    - q: query
    - count: for limited tweets for per page
  + Headers
    - Authorization
      * Bearer <token>