Project : USI Social Wall

1. Introduction

   A few years ago, the USI Social Media Board decided to use the major social networks to communicate facts and on events related to the university.

   For this purpose, a series of official USI profiles were created (Facebook, Twitter, LinkedIn, and YouTube). The project intends to implement a web application to create a visual aggregation of all relevant content available on the major social channels with the use of hashtags or keywords. The interface will allow the choice of various kinds of layouts and the possibility to integrate the result on web pages. The user can then view on his/her device all posts, photos and videos related to what is being searched and further restrict such content with filters.

   Back-end functions

   - A platform that allows to set parameters and personalize outputs:
     Hashtag(s)/profile(s)
     Choice of social network(s)
     Colours (or other graphic elements)
     Number of elements
     Choice of visualization mode (linear grid, Pinterest-type grid, list)
     Streaming profile (save parameter/characteristics): unique ID (DB)
     Content moderation (manual/automatic)
     Preview of results
     User profile to manage the streaming profiles
   - A platform that renders a representation of the data that can be integrated, probably with JavaScript ("embedding"), on any web page

Front-end functions:

- Filters for the visualization of content coming from specific social channels
- Real-time updates
- Sharing of posts ("like", "comment")

2. Must / should / nice

   MUST HAVE

   - A platform that allows to set parameters and personalize outputs:
     Hashtag(s)/profile(s)
     Choice of social network(s)
   - A platform that renders a representation of the data that can be integrated, probably with JavaScript ("embedding"), on any web page
   - Streaming profile (save parameter/characteristics): unique ID (DB)
   - Filters for the visualization of content coming from specific social channels

   SHOULD HAVE

   - Real-time updates
   - Sharing of posts ("like", "comment")

- A platform that allows to set parameters and personalize outputs:
  Colours (or other graphic elements)
  Number of elements
  Choice of visualization mode (linear grid, Pinterest-type grid, list)
- Content moderation (manual/automatic)
- Unique random key to modify a previously created stream

NICE TO HAVE

- User profile to manage the streaming profiles
- Preview of results
- Content moderation (automatic)

3. Examples
   - https://tagboard.com
   - http://www.socialwally.com
   - http://www.postano.com
   - https://www.thesocialboard.com
   - https://www.tintup.com