

# Web-Deco

For all you web-enthusiasts out there, Web-deco is an interesting opportunity to build something interesting. In this event teams of 4 (at max) will build an app to implement a missing feature of Twitter i.e. being able to follow HASHTAGS like one follows users.

## Problem Statement

Conceptualize and implement an application that allows users to follow hashtags.

The final deliverable MUST ATLEAST include an interface to subscribe to tags, a view of latest tweets mentioning those hashtags and an about section/page describing your app.

## Guidelines

1. Teams of upto 4 are allowed. There is no restrictions on the number of teams from each pool.
2. Check out <https://web.tweetdeck.com/> if you are lost and dont know where to begin.  
(This is just a reference to get you started. Please do not try to imitate it but try to come up with your own design.)
3. You are not expected to build your own microblogging site. ALL TWEETS DISPLAYED ON YOUR APP MUST NECESSARILY BE FETCHED USING TWITTER's API.
4. Feel free to use any open-source project/code but they must be appropriately documented in the ABOUT section of your app. Any third party code that is not documented will lead to deduction in the total marks of your entry.
5. Although you are allowed to use existing code, there must be some value addition to 3<sup>rd</sup> party code you are building upon. In stricter words, not more than 50% of your code can be 3<sup>rd</sup> party.
6. There will be a final presentation of about 10 mins. in which you'll have to present your app in front of a panel of judges.

## Bonus Features

The list is an idea of tentative extensions to the basic app described above. Feel free to use any or none of it in your project or implement your own ideas. Note that bonus features will play a crucial role in deciding the final positions.

1. Implement user login system, so that a user's subscriptions are preserved when he logs in.
2. Provide a mechanism for the stream to be updated automatically.
3. Integration with other APIs to extend the functionality of the site. For example integration with Facebook to suggest tags to the user based on tags followed by their friends.

## Resources

1. Twitter API to fetch status including a given term (Search API):  
<https://dev.twitter.com/docs/api/1/get/search>
2. Twitter Libraries: <https://dev.twitter.com/docs/twitter-libraries>
3. Display Guidelines: <https://dev.twitter.com/terms/display-guidelines>

## **Judging Criteria:**

1. Creativity(Bonus features): 35%  
Implementation: 35%  
Interactivity: 20%  
Design: 10%

2. Note that in-order to qualify for the final standings, the team must have a score of atleast 40%