

## 2015/11/23 Social Computing Application Design Assignment 4 : Facebook

(85%) Design and build a web application that allows users to publish questions on his/her own Facebook timeline for collecting responses to the questions. To meet the requirement of this assignment, your web application should contain at least 3 pages (front page, page for publishing questions, and page of results). Screenshots below show how the web application looks like.

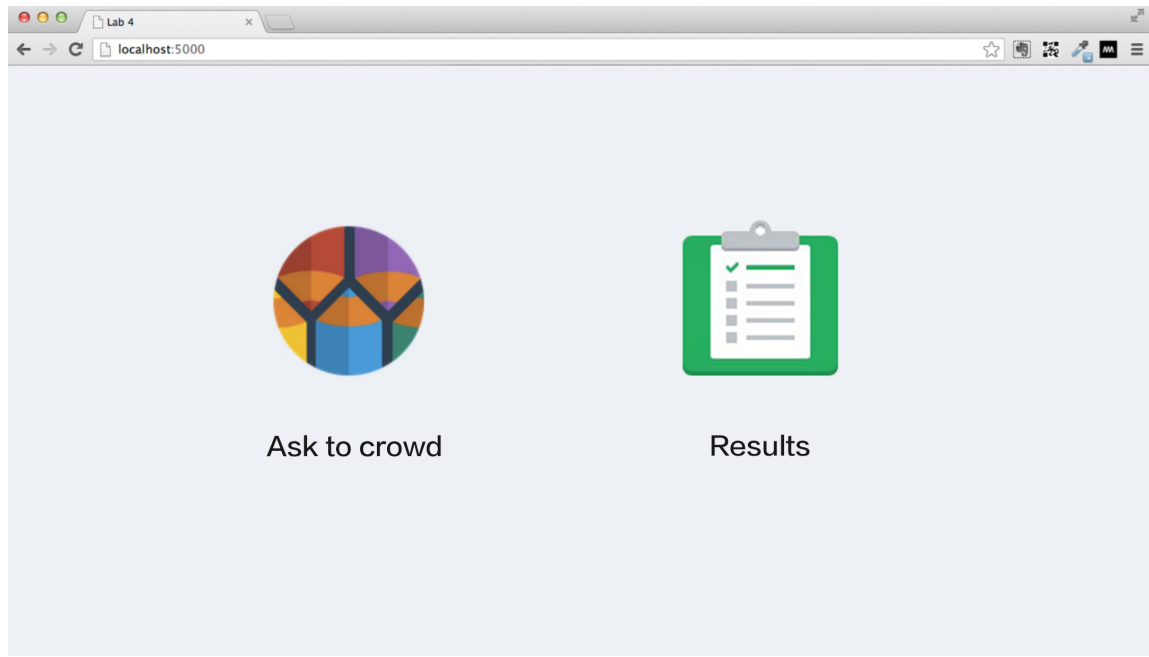


Fig 1. Front page

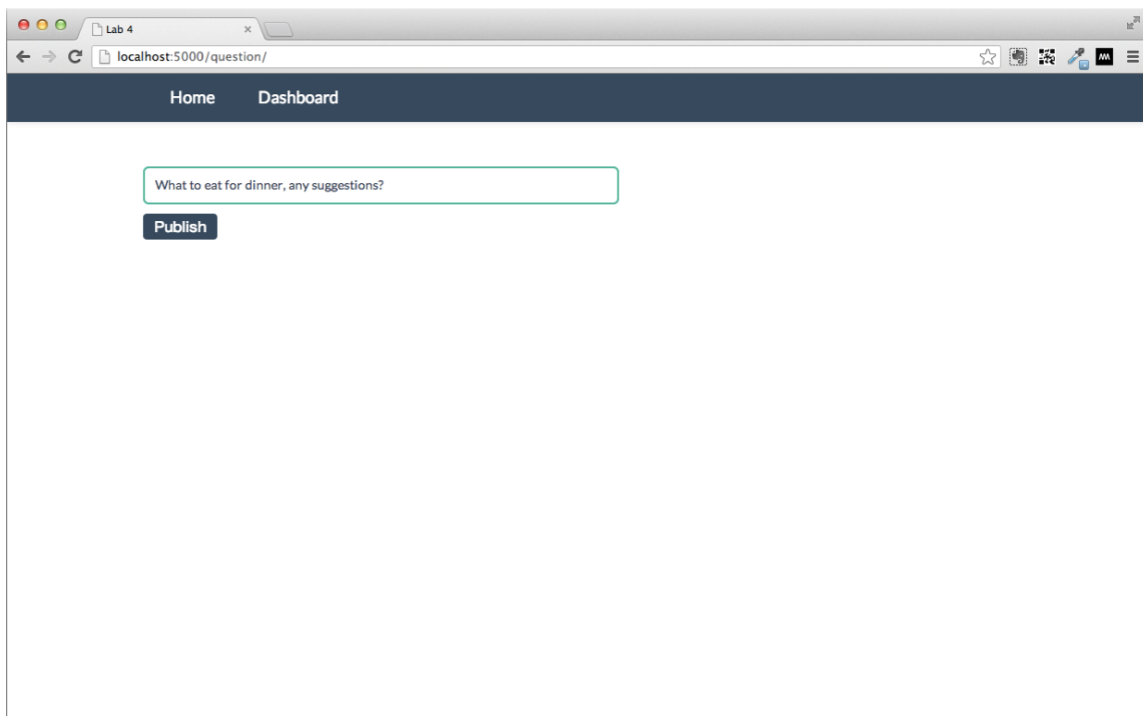


Fig 2. Page for publishing questions



Fig 3. Page of results

### (25%) Extra Points:

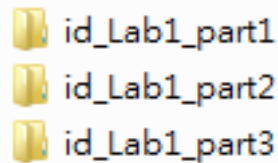
Embedding a link to your post so that friends of the poster can share/repost the same question on their timelines. Therefore, the result page consists of comments on both the original poster's and the posters' friends' posts.

### Hints:

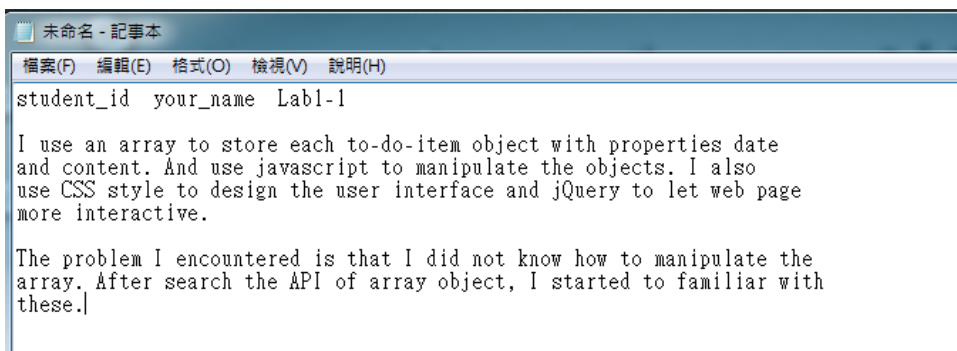
1. You are suggested to use flack to host the local server.
2. You should save the post ID so that the result page can display comments of your post, but you don't necessarily have to use any database in this assignment. For example, you may just use cookies ([http://www.w3schools.com/js/js\\_cookies.asp](http://www.w3schools.com/js/js_cookies.asp)) to save the post ID.
3. **The post should be public or we can't verify your post. Also, give us a link which shows your result page directly in the README file.** (Example: [http://localhost:5000/results/12345678\\_87654321](http://localhost:5000/results/12345678_87654321))
4. You are recommended to sort the comments by like counts.
5. To get the extra points, you may need to host the site on a remote server with a database behind so that your friends can access the page and see the results.
6. Yes, the total point of this assignment (including the extra points part) is 110%.

## Notice:

1. Deadline: 2015/12/6 23:59 (If you submitted in 12/07 00:00~23:59, you will get partial credits (70% of the original score). No credits if submitted afterward.)
2. To submit your assignment, you should follow the form like below:  
Put the source code, Readme.txt in each part of assignment. Then zip the each part to a zip file  
named as "id\_Assignment4.zip" and upload to iLMS.



3. For each source code file, you have to add the comments to explain your code.
4. The Readme files have to include the brief explanation of your work, the problem you encounter and how to solve the problem. Below is an example:



## Honor Code

***Any cheating will be handled seriously in compliance with the university rules. All assigned work is expected to be individual, except where explicitly written otherwise (e.g., term project). You are encouraged to discuss with your classmates; however, what you hand in should be your own work.***