



Web Dev

Team Event, Open-To-All

Points: 25

“I wish I could search one of the older posts in a group or if I could auto-reply all my friends wishing me birthday on facebook”. All of us come across such problems while using facebook. But worry not, Programming Club is here to help you help yourselves. For all you web-enthusiasts out there, Web Dev is an interesting opportunity to build something useful. In this event teams of 4 (at max) will build an app to implement a missing feature of Facebook i.e. being able to search through the timeline, news feed, group feed etc. and auto-comment on the search results.

Problem Statement

Conceptualize and implement an application that allows users to search through the facebook feed. The final deliverable must at least include an interface to search through timeline of a given friend of the user or the user himself based on the given time interval and keywords and auto comment on the search results. Also document the app.

Guidelines

1. Team Event
2. Teams of up to 4 are allowed. There is no restrictions on the number of teams from each pool.
3. Check out <http://developers.facebook.com/docs/javascript/gettingstarted/> or search for facebook graph api if you are lost and dont know where to begin.
4. Feel free to use any open-source project/code but they must be appropriately documented your documentation. 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 party code you are building upon. In stricter words, not more than 50% of your code can be 3rd party.
6. The search should at least take keywords time interval as parameter. But you are welcome to create a more advance search.
7. You are encouraged to make your UI as intuitive as possible.



8. 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 searching in group feed, news feed also etc.
2. Implement a robust searching algorithm (hint - fuse.js).

Resources:

1. <https://developers.facebook.com/docs/web/gettingstarted/>
2. API reference for Graph API
<https://developers.facebook.com/docs/reference/api/>
3. A tutorial for authentication through graph api <http://thinkdiff.net/facebook/new-javascript-sdk-oauth-2-0-based-fbconnect-tutorial/>
4. Graph API Explorer - a tool to test your code.
<http://developers.facebook.com/tools/explorer>

Judging Criteria:

1. Creativity(Bonus features): 35%

Implementation: 35%

UI/Design/User friendliness/interactivity : 25%

Documentation : 5%

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

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