

# Facebook Group Communication

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# Motivation

- Receive tons of notifications from Facebook groups and have to scroll through 100 posts before you get to an important one
- We want to filter and prioritize based on group participation and show you the most relevant notifications!

# Audience

- Anyone who is part of lots of Facebook groups and has multiple interest areas

# Questions we intend to Answer

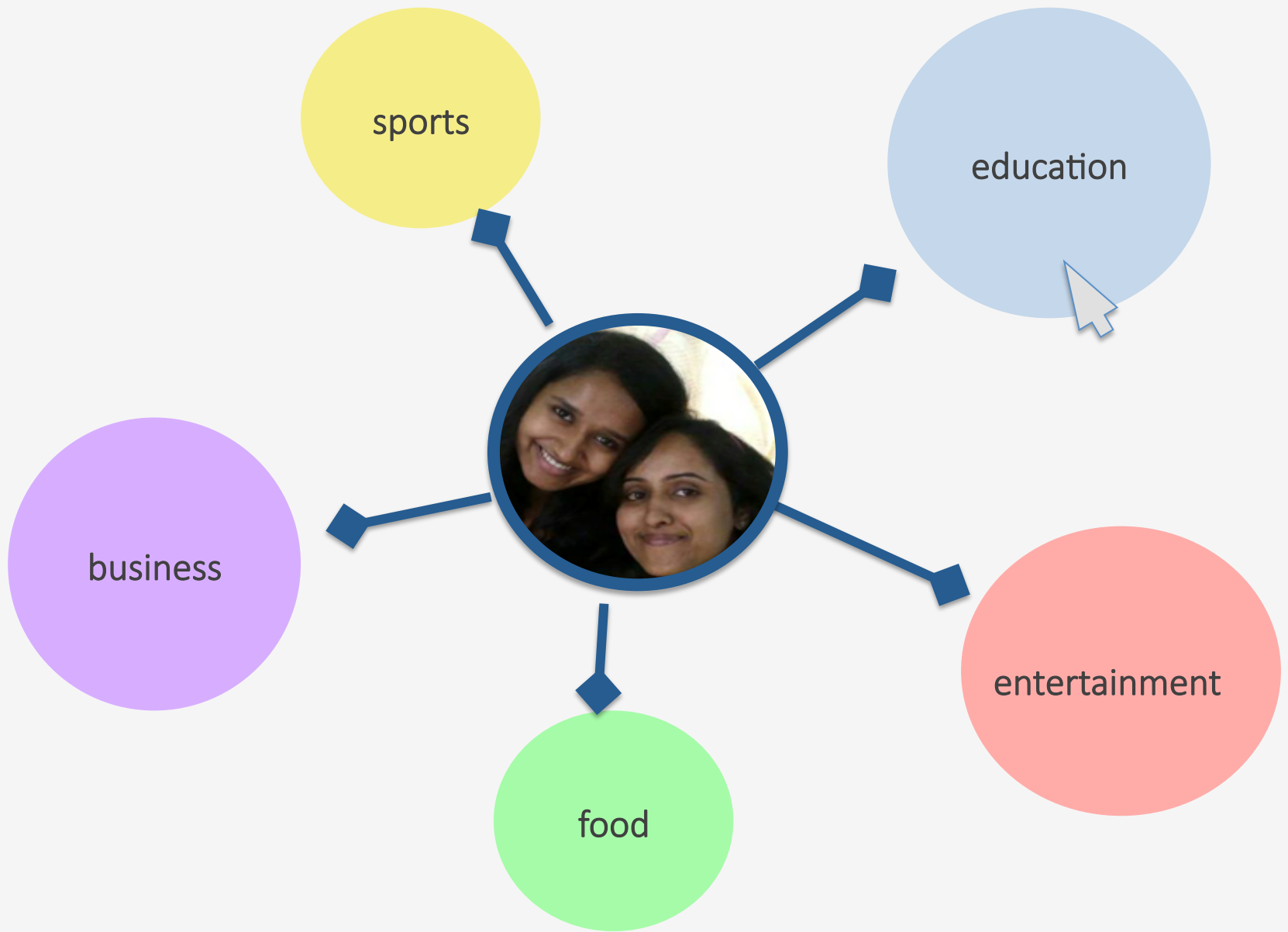
- Find the most important post based on group participation
- Look at group members activity levels
- Browse posts more efficiently

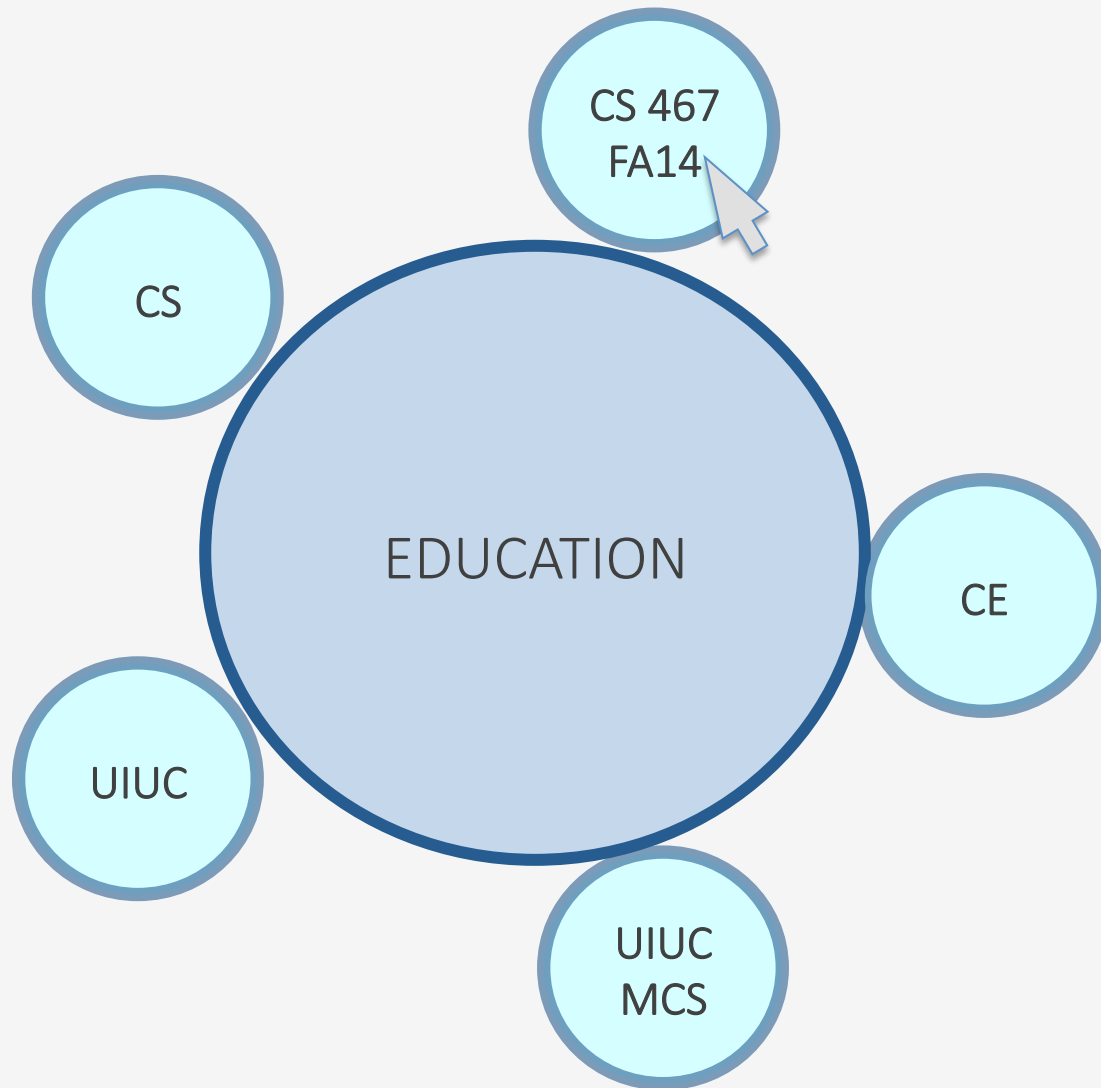
**facebook**<sup>®</sup>

Email / Username

Password

Sign in





# Education

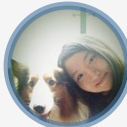
## CS 467 FA14

Members

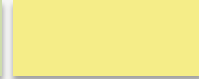
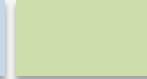
Keywords

Search by Keyword  
or Member

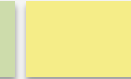
Timeline view



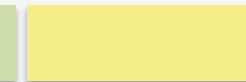
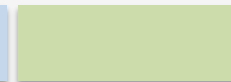
reviews, assignments



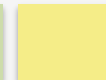
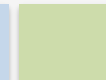
assignment, similar



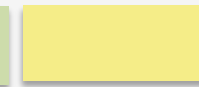
fun, link



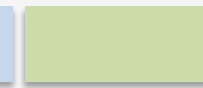
link



office hour



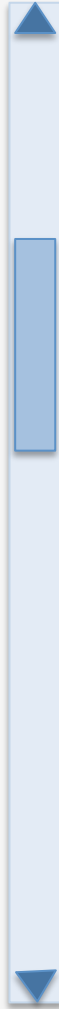
thanks, presented, project



link



Activity level






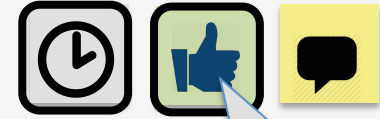
# Education

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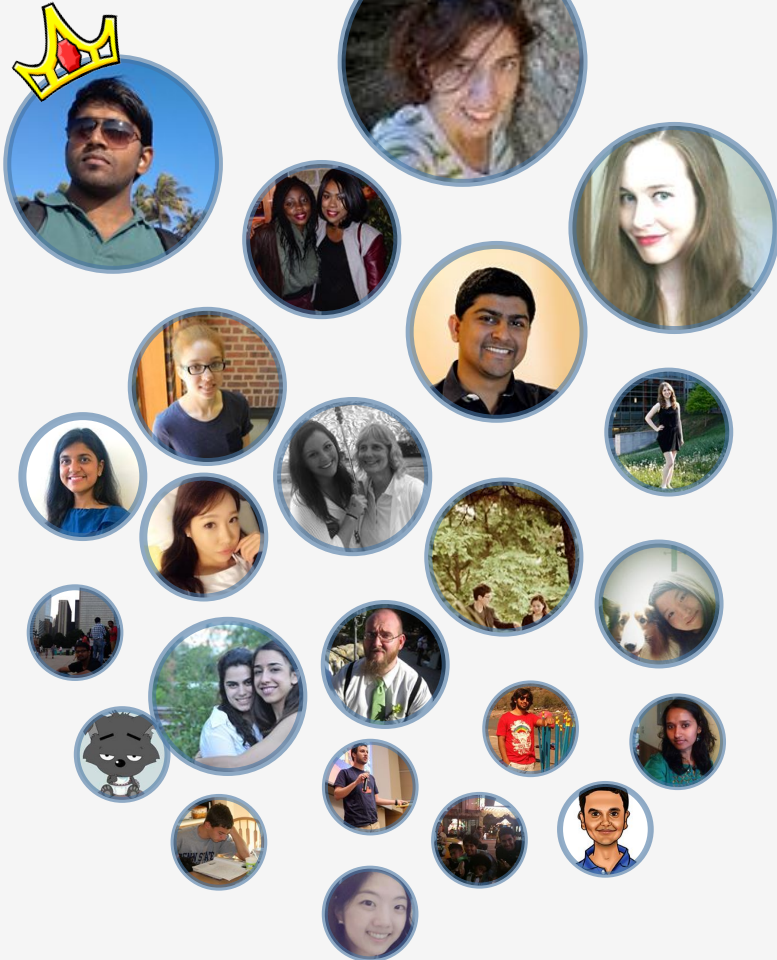
Members    Keywords










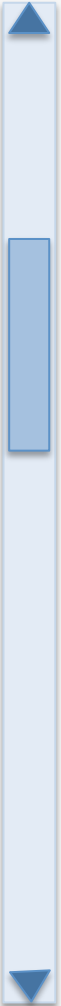
Rank by Like



Rank by Comment



	reviews, assignments	<div></div>	<div></div>
	assignment, similar	<div></div>	<div></div>
	fun, link	<div></div>	<div></div>
	link	<div></div>	<div></div>
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	thanks, presented, project	<div></div>	<div></div>
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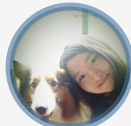
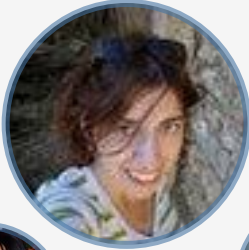


# Education

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Members

Keywords



fun, link



thanks, presented, project



reviews, assignments



link



link



assignment, similar



office hour

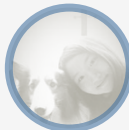
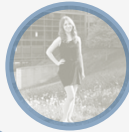
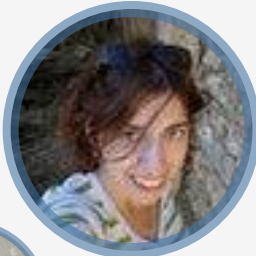


# Education

## CS 467 FA14

Members

Keywords



fun, link



thanks, presented, project



**Karrie G. Karahalios**

September 11 at 1:22pm

Hi All, thanks to those who presented today and to all who wanted to but there was not enough time 😊 Tuesday's class will be lecture again with critiques due. Because we are not presenting more projects Tuesday, please go onto PeerStudio to look at other students' work.

Like · Comment

👍 8 people like this.

✓ Seen by 80



**Jarai Carter** How do we view others' work on peerstudio?

September 12 at 2:23pm · Like



**Karrie G. Karahalios** Hi Jarai, there should be an option to 'Review' the work.

September 12 at 3:09pm · Like



**Jarai Carter** When I click on that, it continually shows only my group's project.

September 12 at 3:17pm · Like



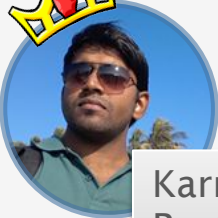
reviews, assignments

# Education

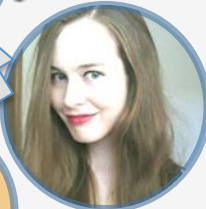
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Members

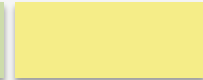
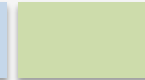
Keywords



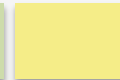
Karrie G. Karahalios  
Post: 15  
Comment: 41  
Like: 4



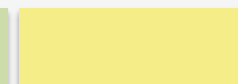
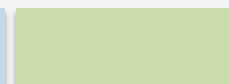
reviews, assignments



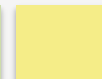
assignment, similar



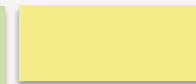
fun, link



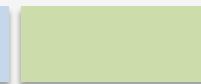
link



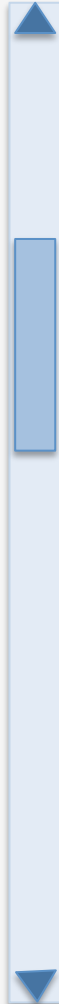
office hour



thanks, presented, project



link





# Education

CS 467 FA14

Members

Keywords



link



office hour



link



survey, feedback, vote



color, map, link



link



thanks, presented, project



PeerStudio, support



# Tools and Analysis

- d3.js for the UI
- Python or Java for Data Cleaning
- Facebook SDK and API for data collection
- Keyword determining algorithm

# Materials Incorporated

- The colors we choose are equally distributed in the hue palette

*Choosing Colors for Data Visualization* by Stone

- Rhetoric methods used: filtering, individualization, classification

*Visualization Rhetoric: Framing Effects in Narrative Visualization* by Hullman

Thank you!

Q & A