

whatshappening@MIT

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Problem

- Figuring out fun things to do on campus
- Staying up to date with what's going on in general
- No single portal for MIT student groups to advertise

Existing solutions

Over-postered walls in student center and Infinite



Existing solutions

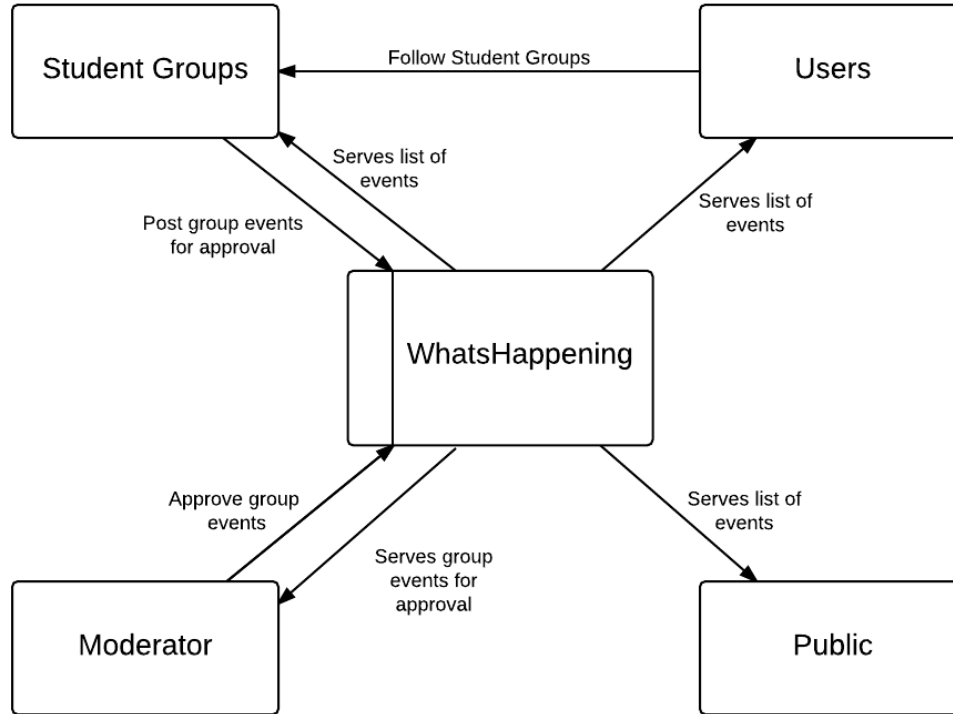
Overwhelming and easily-buried email spam

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Allen Park	[Sponge-talk] Free plastic container in 5c - It's 45" x 22" x 6" and not quite rectangular. Someone left it there	4:09 pm
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Ariella S Yosafat	[Sponge-talk] Bike Lock at Desk - If anybody left a U-bike lock at the bike tire pumping event in the mailbox lounge, it's at desk.	3:18 pm
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Madeline B Aby	[Sponge-talk] Superglue? - Hi, Does anyone have some superglue I could borrow? Thanks, Maddy	3:10 pm
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Alison Louise Olechow. (2)	Re: [Sponge-talk] [Simmons-Events] IN ONE HOUR - We want to PUMP... your bike tires up ... - We're pumping! Come on down with your bike! On Nov 2, 2014, at 1:01 PM, "Alison Louise	2:02 pm
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Francesca Y Majluf	[Sponge-talk] Reminder: November 7th Deadline - In a world where the laws of the physical sciences govern all interactions, Where creatures go about	11:43 am
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Wendi Craig (4)	[Sponge-talk] Tips for Drafty Windows please - My roommate got sheets of Styrofoam from Home Depot and cut them so they would fit between the window	11:37 am
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Farah A Attia	[Sponge-talk] (<2 HOURS) TODAY: Omar Barghouti: Why Israel Considers BDS a "Strategic T... - Join us for a talk by Omar Barghouti, TODAY Sunday, November 2nd at 12:30 PM in MIT Room 4-237 on Why	11:05 am
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Ye, Ye (2)	[Sponge-talk] Sunday, Nov 2 @ 6 PM in Building 2-105 (join our PN2K cycling community!) - Whoops. The image apparently isn't showing, here you go: On Sat, Nov 1, 2014 at 7:26 PM, Ye Yao (1:16 am
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Tessa Winkler	[Sponge-talk] Daylight savings time - Hey Sims, It's daylight savings time tonight, just a reminder. So it's really only like 11:38	12:38 am
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Christine Konicki (4)	[Sponge-talk] PUMPKIN DROP THIS SATURDAY! - Pumpkin Drop will still happen. T minus 3 hours, 50 minutes. Starting at 11pm in front of the Green	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Olivia H Zhao	[Sponge-talk] Election Day Study Break sponsored by the Forum - bcc'd to doms, black for bc-talk	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Deborah Plana	[Sponge-talk] Submit to RUNE! - Want to share your scary Halloween stories? Want to share your scarier MIT stories? Then submit your	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Amy C Fan	[Sponge-talk] Monster Ball Tonight @ 7:30PM! - Monster Ball Tonight! 7:30PM - Midnight Moss Hall, Walker Memorial Come join us for a ghoulish night	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Patricia Z Dominguez	[Sponge-talk] Fall Fest Leftovers - Hey Sims, Thanks for coming to Fall Fest!! You guys were basically a plague of locusts, so the	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Madeline B Aby (2)	[Sponge-talk] Small computer speakers? - Actually if anyone has one of those Bluetooth wireless speakers that would be ideal. I just realized	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Patricia, Allen, Cosmos (6)	[Sponge-talk] Fall Fest! - We also have an obscene amount of apples in the county kitchen waiting to be caramelized and covered	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Allen, Jon (2)	[Sponge-talk] Fwd: extra hour of sleep tonight! - Yay! Just in time to make up for the hour we lost because of the pleasant 7am fire alarm. From:	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Cosmos Darwin	[Sponge-talk] New Kapla Blocks - 2000 have appeared in the Mailbox lounge. I suspect Ellen.	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Ellen Essigmann	[Sponge-talk] Mandala Closing Ceremony - Today at 3:30 PM, Simmons MPR - Today is the final day to view the sand mandala that was created in the Simmons MPR. At 3:30 pm today	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Alison Louise Olechowski	[Sponge-talk] We want to PUMP... your bike tires up - 2pm Sunday Mailbox Lounge - Hello Sims, Steve Hall and I have been noticing a lot of very flat bike tires rolling around Simmons	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Farah A Attia	[Sponge-talk] TOMORROW: Omar Barghouti: Why Israel Considers BDS a "Strategic Threat" - Join us for a talk by Omar Barghouti, this Sunday, November 2nd at 12:30 PM in MIT Room 4-237 on Why	Nov 1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Yasuko M Mano	[Sponge-talk] Run Crew & Spot Ops & Ushers Needed for Legally Blonde the Musical - The MIT Musical Theatre Guild is now looking for people interested in the following positions for the	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Amy C Fan	[Sponge-talk] Monster Ball tomorrow night! - Monster Ball Sat Nov 1 2014 7:30PM - Midnight Moss Hall, Walker Memorial Come join us for a ghoulish	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Lily, Elyud (2)	[Sponge-talk] Free Chinese food at desk - All gone, that was quick! Elyud from front desk On Fri, Oct 31, 2014 at 8:29 PM, Lily Seropian <	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Evan, Tim (2)	[Sponge-talk] Red polo? Eom - I've got a blue polo and a can of red spray paint. Hit me up, room 492! On Friday, October 31,	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> george ili-krason	[Sponge-talk] Mahjong Now! - Come downstairs to play mahjong in the PDR!	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Tim Wilczynski	[Sponge-talk] Underwear - Does anyone have any tighty whities that I can borrow? Preferably new, but if all I can get is used I	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Jesse, Tessa, Allen (16)	[Sponge-talk] Black Chalk - ohai thar On Fri, Oct 31, 2014 at 5:01 PM, Tessa Winkler <twinkl@mit.edu> wrote: "Sponge-	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Szabolcs Kiss	[Sponge-talk] Pirate hat??? - Does anyone have a pirate hat they won't be using? Szabi	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Jennifer, Kameron (16)	[Sponge-talk] Black face paint?? - Thanks, Cosmos, Dante, look at the color scheme in the design and you will understand. Kam On Fri,	Oct 31
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Nana-Efua A Essuman	[Sponge-talk] Witch's Hat?? - Would anyone happen to have one or know where I can get one?) — Nana-Efua Essuman Massachusetts	Oct 31

Our solution

- Provide a web application that ...
 - Allows student groups to post their events
 - Users to follow groups and see events

Context Diagram



Challenges

- Who gets to post?
- Should they be moderated?
 - Spam filtering
 - Publication latency
- What gets to be headlined?
- How are events/articles ordered?
- How to filter for what you care about?

Risks

Implementation Risks

- Injection (article/signup/login entries)
 - Sanitize
- Moderator/poster account hijacking
 - Password strength, encryption, reset

Design Risks

- Spam Filtering/Authentication
 - Only moderator-approved @mit emails