



Team Hipster

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Team Members

Andy Lien – Computer Science

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Kent Diao – Computer Science

Taylor Stratton – Computer Science

John Ta – Computer Science

Kangdi Ni – Computer Science



1

Official UCSC Class Search Site ~~SUCKS~~ Isn't Good

So why not make it better?



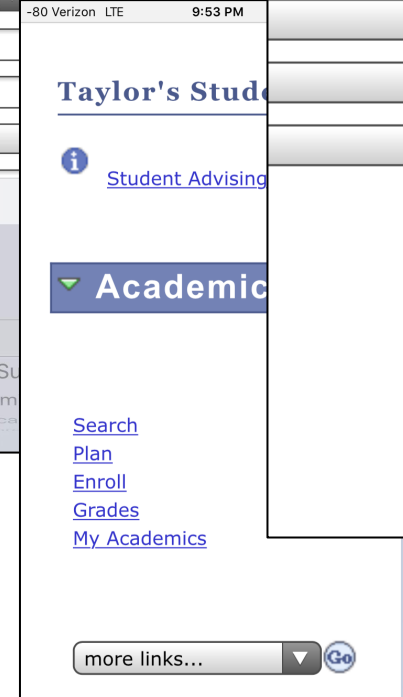
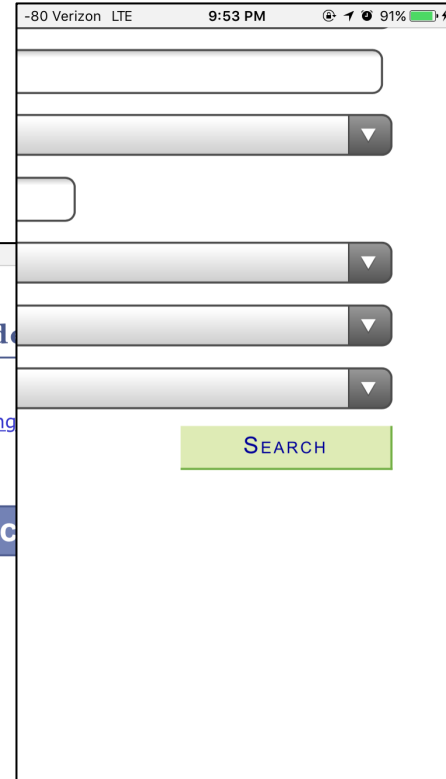
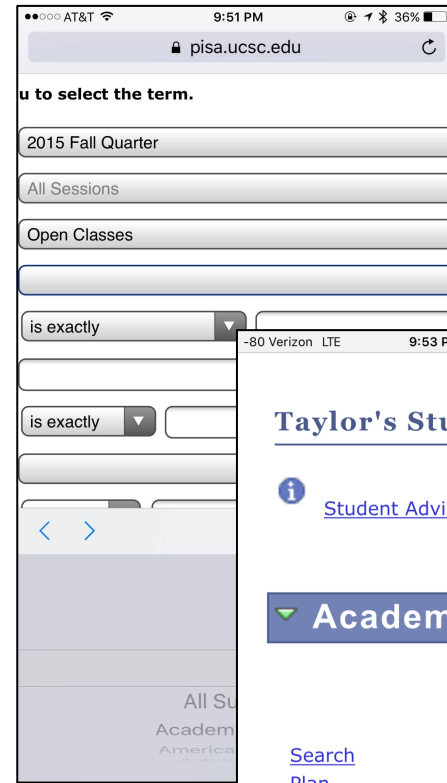
“The mobile experience is even worse...”

– *Everyone, probably*



Filtering Search Results for Mobile

- Too many search queries for the average user.
- Not intuitive
- Zooming is awkward, not letting you see options easily
- Basically just a pain to use





Search Results for Mobile

- The current search page doesn't allow for a back function
- Is very user-unfriendly in general
- UI can be completely unresponsive

AT&T 9:51 PM 36%

pisa.ucsc.edu

UNIVERSITY OF CALIFORNIA SANTA CRUZ

Class Search Results

Term: 2015 Fall Quarter | Status: Open Classes | Subject: Computer Science

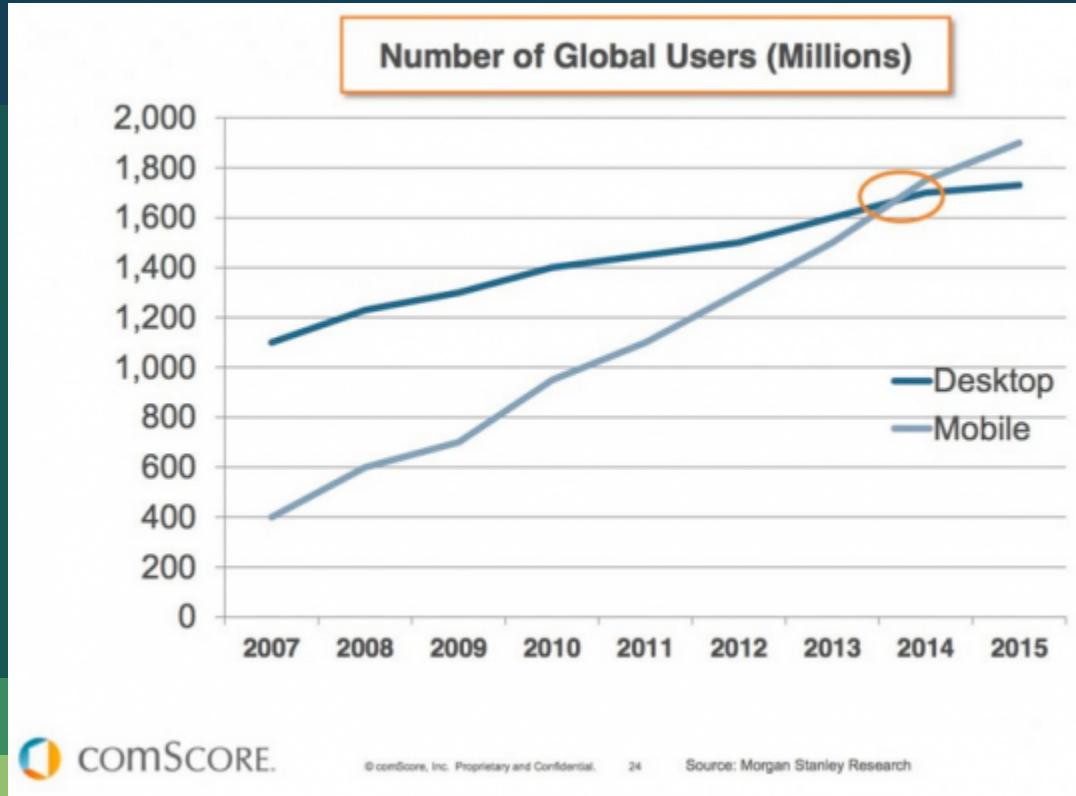
Displaying 1 to 14 of 14 classes

Class #	Class ID	Class Title	Type	Days	Times	Instructor	Status	Capacity	Enrollment Total	Available Seats	Location
20702	CHPS 10 - 01	Intro Computer Sci	LEC	WTF	01:30PM-04:00PM	McDowell, C.E.	●	300	300	72	Media Theater 4110
22960	CHPS 134 - 01	Intro Procs/Data	LEC	WTF	05:00PM-06:45PM	Long, D.D.	●	60	38	22	PhysicsSciences 114
22961	CHPS 134 - 02	Intro Data Struct Lab	LAB	Tu	06:00PM-07:45PM	Long, D.D.	●	30	15	15	J Baskin Engr 105
22962	CHPS 134 - 02	Intro Data Struct Lab	LAB	Th	06:00PM-07:45PM	Long, D.D.	●	30	16	14	J Baskin Engr 105
20751	CHPS 132 - 01	Computer Security	LEC	WTF	09:30AM-10:45AM	Mohr, E.L.	●	19	16	3	J Baskin Engr 169
20760	CHPS 232 - 01	Distributed Systems	LEC	TuTh	10:00AM-11:45AM	Mohr, E.L.	●	30	27	3	J Baskin Engr 156
22269	CHPS 208 - 01	Intro Informal Theory	LEC	WTF	05:00PM-06:45PM	Sodapaneer, H.R.	●	35	33	2	J Baskin Engr 156
22270	CHPS 208 - 02	Intro Informal Theory	LEC	WTF	05:00PM-06:45PM	Sodapaneer, H.R.	●	5	4	1	Silicon Valley
22641	CHPS 204 - 01	Adv Visualization	LEC	WTF	09:30AM-10:45AM	Pong, A.	●	35	13	22	N. Sci Annex 102
20765	CHPS 280A - 01	Seminar: Comput Res	SEM	TBA	To Be Arranged	Werneth, M. Achilles, D. Henderson, D.P. Vishwanathan, S.	●	20	9	11	TBA
22386	CHPS 280A - 02	Seminar: Comput Res	SEM	F	10:00AM-11:45AM	Werneth, L.L.	●	10	2	8	Engineer 2 956
20766	CHPS 280S - 01	Seminar: Comput Res	SEM	M	01:00PM-03:00PM	Long, D.D. Mishra, S.L.	●	15	8	7	Engineer 2 959
20767	CHPS 280S - 02	Seminar: Comput Res	SEM	TBA	To Be Arranged	Maltzahn, C.G.	●	10	5	5	TBA
22634	CHPS 290C - 01	Adv Machine Learning	LEC	TuTh	04:00PM-05:45PM	Gelboin, L.	●	24	18	6	Thurman Lab 301

Displaying 1 to 14 of 14 classes

[Begin new search](#) | [Refine this search](#)

More People Use Mobile Devices Than PCs



2

Team Hipster's Basic Implementation

How CAN we make it better?



Feature #1: Built with the Ionic Framework

- Beautiful, open source front-end SDK for hybrid mobile applications
- Has everything we need to create our app and deploy to iOS, Android, and Mobile Web on one code base.
- Develop once, deploy everywhere





Feature #2 Built-In Class Search Crawler

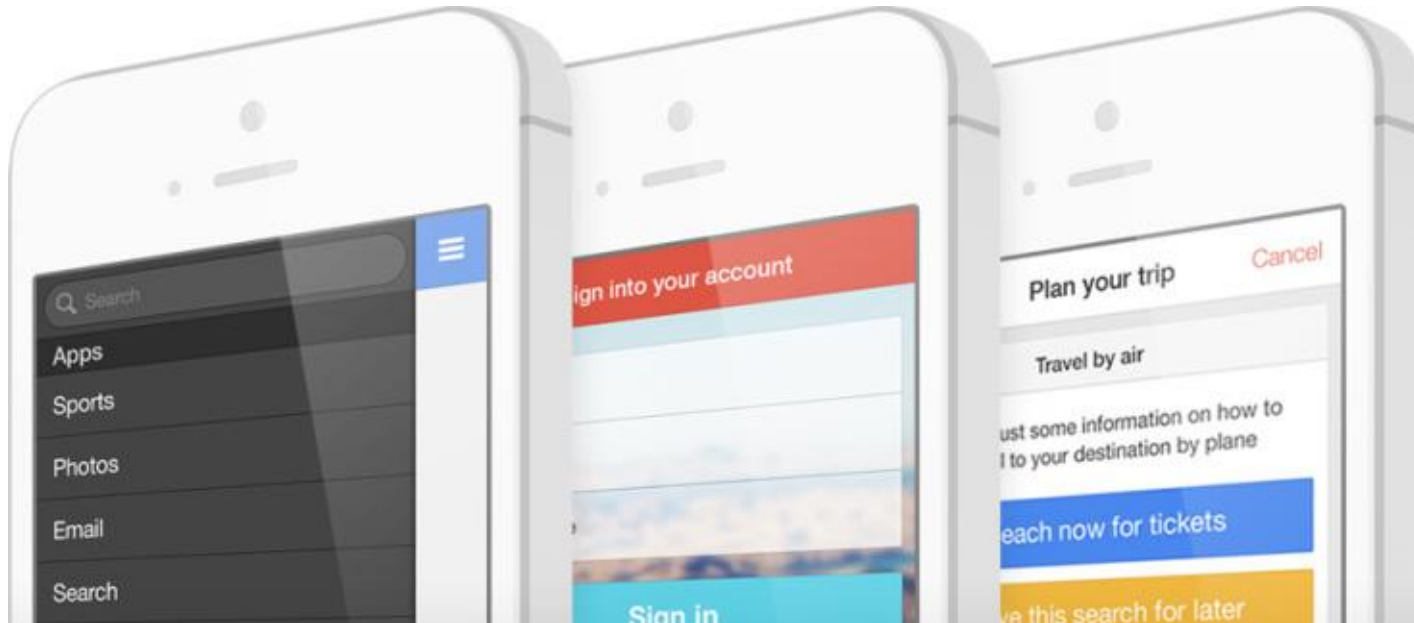
- App should have the ability to crawl through UCSC's class catalog.
- No need for unnecessary server polling.





Feature #3: Better Mobile User Experience

- Easy interface after collecting course data.
- Feature-rich for mobile.
- Student's #1 resource.



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Team Hipster's Long-Shot Implementation

In a perfect world...



Long-Shot #1: RateMyProfessor Integration & Student Reviews

- When a user selects a class, we will cross reference it's course info against RateMyProfessor within the app.
- Will also feature in-built student reviews for better metrics.

RATE MY PROFESSORS

A full database of the good, the bad and the hot:
Ratemyprofessors.com

4.5
OVERALL QUALITY

4.5
HELPFULNESS

4.6
CLARITY

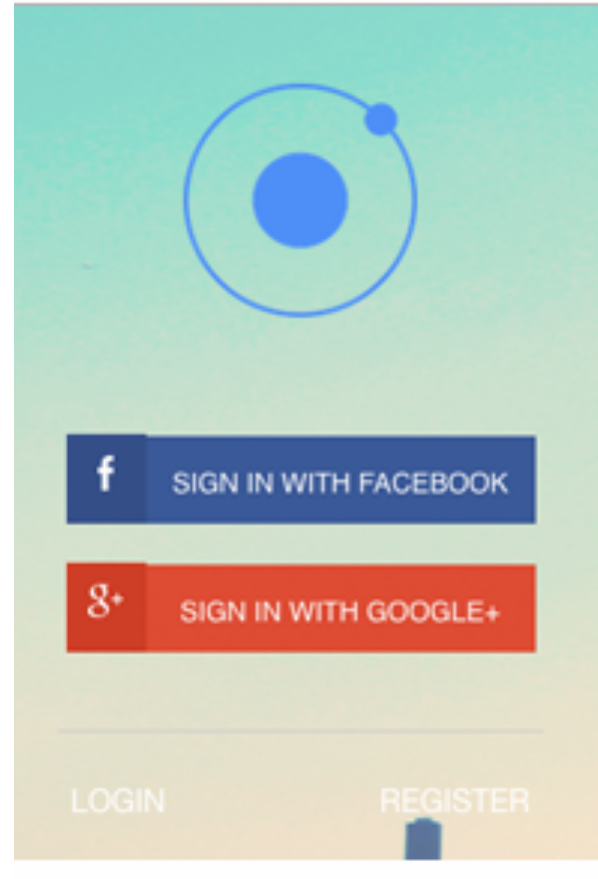
3.1
EASINESS


HOTTNES



Long-Shot #2: User Profiles to Store Classes

- To complement easy and clean class browsing, store your classes to the app to create a schedule
- App will notify you of any class conflicts, so you can create your ideal schedule easier and faster than ever.





Long-Shot #3 - Push Notifications For Enrollment Spaces

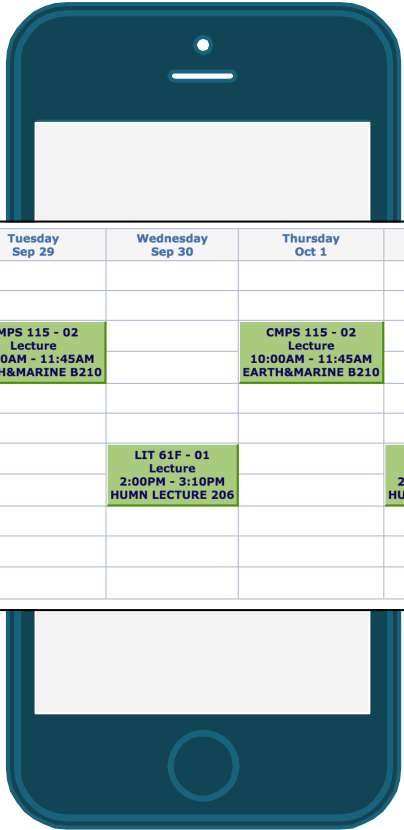
- Allow flagging of certain classes
- Flagged classes will send push notifications when nearing enrollment capacity
- Additional notifications i.e every time a slot fills, or when a closed class opens up a slot.





Long-Shot #4: Easy Course Schedule to Image File Creation

- Generate an image of your schedule instantly from the app
- No screenshotting required!
- Save it directly to your device's photo album



Time	Monday Sep 28	Tuesday Sep 29	Wednesday Sep 30	Thursday Oct 1	Friday Oct 2	Saturday Oct 3	Sunday Oct 4
8:00AM							
9:00AM							
10:00AM		CMPS 115 - 02 Lecture 10:00AM - 11:45AM EARTH&MARINE B210		CMPS 115 - 02 Lecture 10:00AM - 11:45AM EARTH&MARINE B210			
11:00AM							
12:00PM							
1:00PM							
2:00PM	LIT 61F - 01 Lecture 2:00PM - 3:10PM HUMN LECTURE 206		LIT 61F - 01 Lecture 2:00PM - 3:10PM HUMN LECTURE 206		LIT 61F - 01 Lecture 2:00PM - 3:10PM HUMN LECTURE 206		
3:00PM							
4:00PM							
5:00PM	LIT 61F - 01A Discussion 5:00PM - 6:10PM SOC SCI 2 167						
6:00PM							



Team Hipster Process



THANKS!

Any questions?

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