

What is Semester.ly?

Semester.ly Fall 2016 Searching Fall 2016 Advanced Search

	Mon	Tue	Wed	Thu	Fri
8:00					
9:00					
10:00				10:00 – 12:50 Visual Reality (01) 2 Mattin Center 201	
11:00					
12:00					
13:00					
14:00	13:30 – 14:45 Introduction to Machine Learning 4 Shaffer 301		13:30 – 14:45 Introduction to Machine Learning 4 Shaffer 301		
15:00		15:00 – 16:15 Knowledge Discovery from Text 1 Hackerman 320		15:00 – 16:15 Knowledge Discovery from Text 1 Hackerman 320	
16:00		16:30 – 18:00 Computer Science Innovation and 6 Malone 107		16:30 – 18:00 Computer Science Innovation and 6 Malone 107	
17:00					
18:00					
19:00		18:15 – 21:00 Law and the Internet (01) 3 Hooson 315			
20:00					
21:00					

Senior Fall!!!!!!!
18.00 credits
Average Course Rating ★★★★★
Current Courses Find new friends
ProTip: Use to lock a section in place

AS.371.149
Visual Reality
G Bakker
3 credits

EN.600.475
Introduction to Machine Learning
M Dredze
3 credits

EN.660.311
Law and the Internet
D Sandhaus
3 credits

EN.660.410
Computer Science Innovation and Entre...
L Aronhime
3 credits

EN.660.501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

EN.600.365
Knowledge Discovery from Text
T Lippincott, B. Van Durme
3 credits

Optional Courses
Give Optional Courses a Spin!
Load this list with courses you aren't 100% sure you want to take - we'll fit as many as possible, automatically!

Textbooks
CyberLaw for CS
Required

Data last updated: 2016-08-21 03:41 EDT
Contact us Feedback Facebook Like 640

Introductory Programming in Java

EN.600.107, EN Computer Science

3
credits

Average Course Rating

★★★★★

Prerequisites

Students who have taken EN.600.111 may not register for EN.600.107.

Areas

E

Friends in This Course

- Neha Onteeru
- Jesse Miller
- Max Yao

Reactions

Check out your classmate's reactions - click an emoji to add your own opinion!



Course Description

This course introduces fundamental structured and object-oriented programming concepts and techniques, using Java, and is intended for all who plan to use computer programming in their studies and careers. Topics covered include variables, arithmetic operators, control structures, arrays, functions, recursion, dynamic memory allocation, files, class usage and class writing. Program design and testing are also covered, in addition to more advanced object-oriented concepts including inheritance and exceptions as time permits.

Course Evaluations



Fall 2012 Professor: Joanne Selinski ★★★★★ (4.18)

Students said this course provides a good introduction to programming. They enjoyed the hands-on assignments and liked the satisfaction of getting to use their skills right away. The homework was very difficult, and the difficulty was inconsistent from week to week. Some students also said that the lectures were dry and that the TAs didn't have enough time for everyone's questions. They suggested having shorter lectures and more lab-type projects for hands-on practice. Overall, students said this is a good introductory course meant for beginners. It can be quite challenging, so students should make sure to keep up with the work.

Senior Fall!!!!!!!

18.00
credits

Average Course Rating



Current Courses

Senior Fall!!!!!!!

18.00

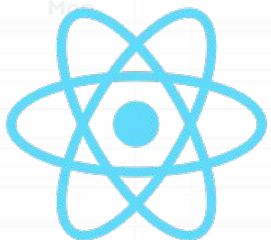
Find new friends

ProTip: use to lock a section in place

3 credits

Semester.ly Stack

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12:00					
13:00					
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17:00	18:15 - 21:00 Law and the Internet (01)				
18:00					



React

django



Redux

Senior Fall!!!!!!

18.00 credits

Average Course Rating: 4.5 stars

Current Courses: Senior Fall!!!!!!

Find new friends

ProTip: use 🔒 to lock a section in place

- AS 311 149 Visual Reality (01) 2 Mattin Center 201
- EN 660 375 Introduction to Machine Learning
- EN 660 311 Law and the Internet
- EN 660 491 Computer Science Innovation and Entrepreneurship
- EN 660 501 Practicum in Entrepreneurship and Management
- EN 600 365 Knowledge Discovery from Text

Optional Courses

The Problem



The Problem



Senior Fall!!!!!!!

18.00
creditsAverage Course Rating
★★★★☆

Current Courses

Find new friends

- **Advising is time-consuming for both students and advisors**
 - 80% of students have some significant issue with the advising process
- **Students aren't receiving the support they need**
 - 40% of students state that their advisors don't give them helpful advice or information

EN 600 475
Introduction to Machine Learning
M. Dredze
3 credits

EN 660 311
Law and the Internet
D. Sandhaus
3 credits

EN 660 501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

EN 600 365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Our Findings - From Students

- **Semester.ly can help streamline the advising process**
 - 91.3% of students stated that they would like to easily **share their schedules with their advisors** via Semester.ly
 - 96% of students stated that they would like some type of **degree planning feature** on Semester.ly
 - 70% of students stated that they would like a **chat or comment system** with their advisors on Semester.ly

Senior Fall|||||||

18.00
creditsAverage Course Rating
★★★★☆

Current Courses

Find new friends

to look a section in place

AS 371 149
Introduction to Architecture
3 creditsAS 371 149
Introduction to Architecture
3 creditsLaw and the Internet
D. Sandhaus
3 creditsComputer Science Innovation and Entre...
L. Aronhime
3 creditsPracticum in Entrepreneurship and Man...
Professor Unlisted
3 creditsEN 600 365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits



Our Findings - From Advisors

- “Students are not always proactive in **lining up their course** choices, or tracking their progress”
- “Students **chang[e] their course selections** after their advising meeting and [don’t check] with their advisor to make sure their new courses **meet their requirements**”
- “[Planning with] the advising spreadsheet and a lot of emails [is] very **cumbersome**”

Senior Fall!!!!!!!

18.00
creditsAverage Course Rating
★★★★☆

Current Courses

Find new friends

AS 371 149
Visual Reality
D. Bakker
3 creditsEN 600 475
Introduction to Machine LearningEN 600 200
Introduction to Computer ScienceEN 600 300
Computer Science Innovation and Entre...
L. Aronhime
3 creditsProfessor Unlisted
3 creditsEN 600 365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Brainstorming





8:0
9:0
10:0
11:0
12:0
13:0
14:0
15:0
16:0
17:0
18:0

	Mon	Tue	Wed	Thu	Fri
8:00					08:00 – 08:50 General Physics:Physical Sci... (01) Bloomberg 464
9:00	09:00 – 09:50 Introductory Chemistry I (01) 1 🧑, Remsen Hall 1	09:00 – 10:15 Foundations of Brain, Behavi... (01) Mudd 26	09:00 – 09:50 Introductory Chemistry I (01) 1 🧑, Remsen Hall 1	09:00 – 10:15 Foundations of Brain, Behavi... (01) Mudd 26	09:00 – 09:50 Introductory Chemistry I (01) 1 🧑, Remsen Hall 1
10:00	10:00 – 10:50 Calculus I (Biology and Socia... (01) Levering Arellano	10:30 – 11:45 General Physics:Physical Sci... (01) Bloomberg 272	10:00 – 10:50 Calculus I (Biology and Socia... (01) Levering Arellano	10:30 – 11:45 General Physics:Physical Sci... (01) Bloomberg 272	10:00 – 10:50 Calculus I (Biology and Socia... (01) Levering Arellano
11:00					
12:00					
13:00				1:30 – 4:00 Social Ecology (01) Mergenthaler 439	
14:00					
15:00					
16:00		4:30 – 5:20 Calculus I (Biology and Socia... (01) Maryland 309			
17:00					
18:00					

Course Planning

Computer Science

Distribution Requirements (KSAS)

- ▶ Humanities 9.0/9.0
- ▶ Social Science 6.0/9.0
- ▶ NS/Q/E 9.0/9.0

Degree Requirements

- ▼ Computer Science 14.0/32.0
 - ▶ Gateway Computing: JAVA 3.0
 - ▶ Intermediate Programming 4.0
 - ▶ Data Structures 4.0
 - ▶ CSF 3.0
 - ▶ [Unlabeled] 4.0
 - ▶ [Unlabeled] 4.0

Whatever that message is that displays when you haven't gotten your advisor hold cleared

Four Year Plan



Year 1	Year 2	Year 3	Year 4
Fall 2019 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Fall 2020 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Fall 2021 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Fall 2022 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N
Interession 2020 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Interession 2021 AS.050.236 (01) Neuroscience N	Interession 2022	Interession 2023
Spring 2020 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Spring 2021 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Spring 2022 AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N AS.050.236 (01) Neuroscience N	Spring 2023 AS.050.236 (01) Neuroscience N

Current Planned Degree

Planned Four Year Summary

Engineering (E)	29
Natural Sciences (N)	14
Quantitative Studies (Q)	24
Humanities (H)	27
Social & Behavioral Sciences (S)	15
Writing Intensive	3
CS Core	17
CS Upper Level	12
CS Other	6
Mathematics	24
Foreign Language	26
Total Credits	109

Click into to me to see the other views!

My Personal Chat

- So I can just type in here and it'll save what I write, isn't that neat?
- I should also be able to upload files into here - it's kind of like how Zoom or Slack have their channel for yourself so that you can store whatever you need.
- No one else can see your personal chat, but for the sake of filling the space here, this is what another user in the chat might look like.
- Interested Courses.docx

























Reminder: Course registration for Spring 2021 starts on November 12, 15, 18, and 21 for seniors, juniors, sophomores, and freshman respectively.

My Students

*Advising hold not yet released

Search by name or JHED


Name	JHED	Major	Year	Options
 James S. Wang*	jwang380	Computer Science	2023	   A 4
James S. Wang*	jwang380	Computer Science	2023	   A 4
James S. Wang*	jwang380	Computer Science	2023	   A 4
James S. Wang*	jwang380	Computer Science	2023	   A 4
James S. Wang	jwang380	Computer Science	2023	   A 4
James S. Wang	jwang380	Computer Science	2023	   A 4
James S. Wang	jwang380	Computer Science	2023	   A 4

Recent Chats

- James Wang
- Student 2
- Student 3
- Student 4
- Student 5
- Student 6

whatever you need.

No one else can see your personal chat, but for the sake of filling the space here, this is what another user in the chat might look like.

 Interested Courses.docx

friends

ace

entre...

3+

Man...

The Minimum Viable Product



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8:00	Semester.ly				
9:00					
10:00				10:00 - 12:30 Visual Reality (01) 2 Mattin Center 201	
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18:00		18:15 - 21:00 Law and the Internet (01) 2			

Student Dashboard

Senior Fall

18.00 credits

Average Course Rating
4.5 stars

Current Courses

Senior Fall

18.00

AS.371.149
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3 credits

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Law and the Internet
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L. Aronhime
3 credits

EN.660.501
Practicum in Entrepreneurship and Management
Professor Unlisted
3 credits

EN.600.365
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T. Lippincott, B. Van Durme
3 credits

Optional Courses



My Schedule



	Mon	Tue	Wed	Thu	Fri
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12:00					
1:00					
2:00				1:30 – 4:00 Social Ecology (01) Mergenthaler 439	
3:00					
4:00					
5:00		4:30 – 5:20 Calculus I (Biology and Socia... (01) Maryland 309			
6:00					

Spring 2019

17.00

credits

Average Course Rating



Use for Advising

Current Courses

Find new friends

ProTip: use to lock a section in place.

AS.171.101
General Physics:Physical Science Major I
M. Swartz
4 credits

AS.030.101
Introductory Chemistry I
J. Tolman, S. Thyagarajan
3 credits

AS.110.106
Calculus I (Biology and Social Sciences)
C. Sogge
4 credits

AS.070.376
Social Ecology
A. Pandian
3 credits

AS.200.141
Foundations of Brain, Behavior and Cogn...
D. Smith
3 credits

Try out our new Beta feature!

Advising Dashboard



That feature requires a **JHU** account...



✓ Share Schedules



✓ Chat with Advisors

Fall 16 - Double Major

Fall 2016
Fall 16 - Double Major
Fall 16 - Major/Minor

✓ Plan Courses

11:00 - 12:00
Lunch @ Dining Hall

🔥 It's all free

More Burritos!

Semester.ly will NEVER post to your timeline. Your course selections will not be shared with any other user without your permission.

[Link JHED](#)



Import Data from SIS

In order to share and connect to your official courses from SIS to Advisors, you must agree to import data from SIS (or something like this). Click the button below to be taken to the Consent Page on SIS.

[Go to SIS](#)

Notifications are used in SIS self-service to communicate important information to users. When viewing notifications, you may be asked to acknowledge that you have read the notification, or you may be asked to perform a certain action. Most notifications will continue to appear until you take the desired action.

Data Sharing Agreement

Purpose of form- An eligible educational institution, such as a college or university, or a lender of a student loan must get your correct identifying number to file certain information returns with the IRS and to furnish a statement to you. For students, this will be your social security number (SSN) or, if you are not eligible to obtain an SSN, your individual taxpayer identification number (ITIN). The returns they must file contain information about qualified tuition and related expenses (Form 1098-T, Tuition Statement) and student loan interest (Form 1098-E, Student Loan Interest Statement). The information about your tuition will help to determine whether you, or the person who can claim you as a dependent, may take either the tuition and fees deduction or claim an education credit to reduce federal income tax. The information about your student loan interest will help to determine your deduction for such interest. For more information, see Pub. 970, Tax Benefits for Education. You are required to provide the requested information.

Note- The educational institution or lender may request your SSN or ITIN and certification on paper or electronically.

If you are a foreign national/nonresident alien and have either been assigned a JHU 988 number OR do not have a SSN nor ITIN, follow the link below to certify/acknowledge this fact.

Penalties- Failure to furnish correct SSN or ITIN. If you fail to furnish your correct SSN or ITIN to the requester, you are subject to a penalty of \$50 unless your failure is due to reasonable cause and not to willful neglect.

I affirm the following statements:

- I have read and understand the purpose of the Certification.
- I understand that the lack of adherence to provide a correct SSN or ITIN will result in a penalty, unless the failure is due to reasonable cause and not to wilful neglect.

Click the link below to indicate that you have reviewed, understand and will abide by the statements above. This is a mandatory step and all students must complete it. **Clicking on the link below will redirect you to a page that displays your SSN or ITIN information of record.**

[TIN Certification Acknowledgement](#)

Agree



Advising Dashboard

Fall 2021 Schedule

13.00
credits

Planned Courses

BU.510.650
Data Analytics
A. Bisi, D. Prieto Santa, R. Wang
2 credits

BU.520.601
Business Analytics
B. Hathaway, N. Turken, G. Diavanshir, E. Kaqan
2 credits

Registered Courses

Registered on SIS

BU.510.650
Data Analytics
A. Bisi, D. Prieto Santa, R. Wang
2 credits

BU.520.601
Business Analytics
B. Hathaway, N. Turken, G. Diavanshir, E. Kaqan
2 credits

BU.520.620
Advanced Business Analytics
A. Fattahi
2 credits

AS.110.401
Introduction to Abstract Algebra
N. Kitchloo
4 credits

Comments



Type your message here...





Advising Dashboard

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Business Analytics
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2 credits

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4 credits

Comments

Invite Advisors to start chatting

- + Yair Amir
- + Linda Moulton
- + Steven Marra

jhu.semester.ly/share-schedule/

Copy Link

Type your message here...



Advising Dashboard

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Introduction to Abstract Algebra
N. Kitchloo
4 credits

Comments

Yair Amir, Linda Moulton, Me

Invite Advisors to start
chatting

- Yair Amir
- Linda Moulton
- + Steven Marra

jhu.semester.ly/share-schedule/

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Introduction to Abstract Algebra
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Advising Dashboard

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Advanced Business Analytics
A. Fattahi
2 credits

AS.110.401
Introduction to Abstract Algebra
N. Kitchloo
4 credits

Comments

Yair Amir, Linda Moulton, Me



Could you look over my schedule and let me know what you think? Thanks!

Yair Amir

It looks good to me, but you may want to consider registering for more courses.

Linda Moulton

I agree with Yair. However, it looks like you'll be taking some challenging courses, so it's really up to you.

If you'd like to set up a meeting soon, I'm available tomorrow afternoon.

Type your message here...





Advising Dashboard

Fall 2021 Schedule

BU.520.601
Business Analytics
B. Hathaway, N. Turken, G. Diavanshir, E. Kagan
2 credits

Registered Courses

Registered on SIS

BU.510.650
Data Analytics
A. Bisi, D. Prieto Santa, R. Wang
2 credits

BU.520.601
Business Analytics
B. Hathaway, N. Turken, G. Diavanshir, E. Kagan
2 credits

BU.520.620
Advanced Business Analytics
A. Fattahi
2 credits

AS.110.401
Introduction to Abstract Algebra
N. Kitchloo
4 credits

AS.171.205
Introduction to Practical Data Science: Beautiful Data
S. Szalay
3 credits

Waitlisted Courses

Comments

Yair Amir, Linda Moulton, Me



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17:00	18:15 - 21:00 Law and the Internet (01)				
18:00					

Advisor Dashboard

Senior Fall

18.00 credits

Average Course Rating
4.5 stars

Current Courses

Find new friends

ProTip: use lock icon to lock a section in place

- AS.371.149 Visual Reality
D. Bakker
3 credits
- EN.600.475 Introduction to Machine Learning
M. Dredze
3 credits
- EN.660.311 Law and the Internet
D. Sandhaus
3 credits
- EN.660.410 Computer Science Innovation and Entre...
L. Aronhime
3 credits
- EN.660.501 Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits
- EN.600.365 Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Optional Courses



Advising Dashboard

Fall 2021 Schedule

00.00
credits

Planned Courses

Registered Courses

Registered on SIS

Waitlisted Courses

Messages

 Search for Student

John Smith, Linda Moulton

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Mia Boloix

Lorem ipsum dolor sit amet, consectetur adipiscing elit,

James Wang

Lorem ipsum dolor sit amet, consectetur adipiscing elit,

Jeanie Fung, David Hovemeyer

Lorem ipsum dolor sit amet, consectetur adipiscing elit,

Rishi Biswas

Lorem ipsum dolor sit amet, consectetur adipiscing elit,

Sebastian Cabrejos, Ali Soylu

Lorem ipsum dolor sit amet, consectetur adipiscing elit,

Course Summary - Jane Doe

Fall 2021 Schedule

BU.520.601
Business Analytics
B. Hathaway, N. Turken, G. Diavanshir, E. Kagan
2 credits

Registered Courses

Registered on SIS

BU.510.650
Data Analytics
A. Bisi, D. Prieto Santa, R. Wang
2 credits

BU.520.601
Business Analytics
B. Hathaway, N. Turken, G. Diavanshir, E. Kagan
2 credits

BU.520.620
Advanced Business Analytics
A. Fattahi
2 credits

AS.110.401
Introduction to Abstract Algebra
N. Kitchloo
4 credits

AS.171.205
Introduction to Practical Data Science: Beautiful Data
S. Szalay
3 credits

Waitlisted Courses

Comments

Jeanie Fung, Linda Moulton

Could you look over my schedule and let me know what you think? Thanks!

Jeanie Fung

It looks good to me, but you may want to consider registering for more courses.

Linda Moulton

I agree with Yair. However, it looks like you'll be taking some challenging courses, so it's really up to you.

If you'd like to set up a meeting soon, I'm available tomorrow afternoon.

Type your message here...



Implementation



The Advising System

Features (shown from advisor side):

The screenshot displays the Semester.ly Advising Dashboard for Sebastian Cabrejos. The dashboard is titled "Semester.ly - Advising Dashboard" and shows a course summary for Fall 2021. The course is "Course Summary for Sebastian Cabrejos" and is worth 15.00 credits. The dashboard lists five courses, each with its ID, title, instructor, and credit value. A comments forum is visible on the right side of the dashboard, titled "Comments Forum" and created by James Wang, Rishibrata Biswas. The dashboard also includes a navigation bar at the top with a search icon, a plus sign, a document icon, and a gear icon. The dashboard is divided into sections for Fall 2021, Spring 2021, and Fall 2020. A large black arrow points to the course summary section, and a smaller black arrow points to the comments forum section.

Semester.ly - Advising Dashboard

Course Summary for Sebastian Cabrejos

Fall 2021

15.00 credits

Courses

- EN.601.429
Functional Programming in Software Engineering
S. Smith
3 credits
- AS.060.167
A Room of One's Own: Modernism and Privacy
A. Streim
3 credits
- AS.060.168
Visions of the Home: Communes and Collective Living in American Culture
J. Giardini
3 credits
- EN.601.464
Artificial Intelligence
S. Mielke
3 credits
- EN.601.421
Object Oriented Software Engineering
M. Darvish Darab
3 credits

Courses this student is enrolled in on SIS contain a

Spring 2021

Fall 2020

Comments Forum

James Wang, Rishibrata Biswas

Type your comment here...

Forum: Overview

Mon

Tue

Wed

Thu

Fri

Senior Fall!!!!!!

Average Course Rating

18.00

Semester.ly - Advising Dashboard

The student can add/remove their advisors

Return to Schedule

Course Summary

Fall 2021

15.00
credits

Courses

EN.601.429
Functional Programming in Software Engineering
S. Smith
3 credits

AS.060.167
A Room of One's Own: Modernism and Privacy
A. Streim
3 credits

AS.060.168
Visions of the Home: Communes and Collective Living in American Culture
J. Giardini
3 credits

EN.601.464
Artificial Intelligence
S. Mielke
3 credits

EN.601.421
Object Oriented Software Engineering
M. Darvish Darab
3 credits

Courses you are enrolled in on SIS contain a

Comments Forum

James Wang, Rishi Biswas

Sebastian Cabrejos
Hi Professor Wang, yes these are all my courses? D

James Wang
I can't see the other courses you have taken, so if you definitely should take that.

Sat May 01 2021,4:16:55 PM

James Wang
If you have no other concerns, I will release your hold

Sat May 01 2021,4:17:12 PM

Sebastian Cabrejos
Thank you Professor Wang!

Sat May 01 2021,4:17:42 PM

Type your comment here...

- Invite Advisors to Comment Forum
- ✓ James Wang
- ✓ Rishi Biswas
- + Denise Shipley
- + Ilya Shpitser
- + Louis Whitcomb

The student and any (added) advisor can view and post comments in the forum

How Django, React, and Redux Work

React-Redux Frontend:

UI:
Displayed
Components

Containers:
Data for
Component

Reducers:
Component
State Change

HTTP REQUEST

Urls/Views:
HTTP
Requests

CALL

Serializers:
Sending Model Data from
Database to Frontend

**ADD OR
DELETE**

Database: (Tabular, Relational)

PULL

Models:
Classes for
Data storage

18.00
credits

Average Course Rating
★★★★☆

Current Courses

Find new friends

ProTip: use  to lock a section in place

AS.371.149
Visual Reality
D. Bakker
3 credits

EN.600.475
Introduction to Machine Learning
M. Dredze
3 credits

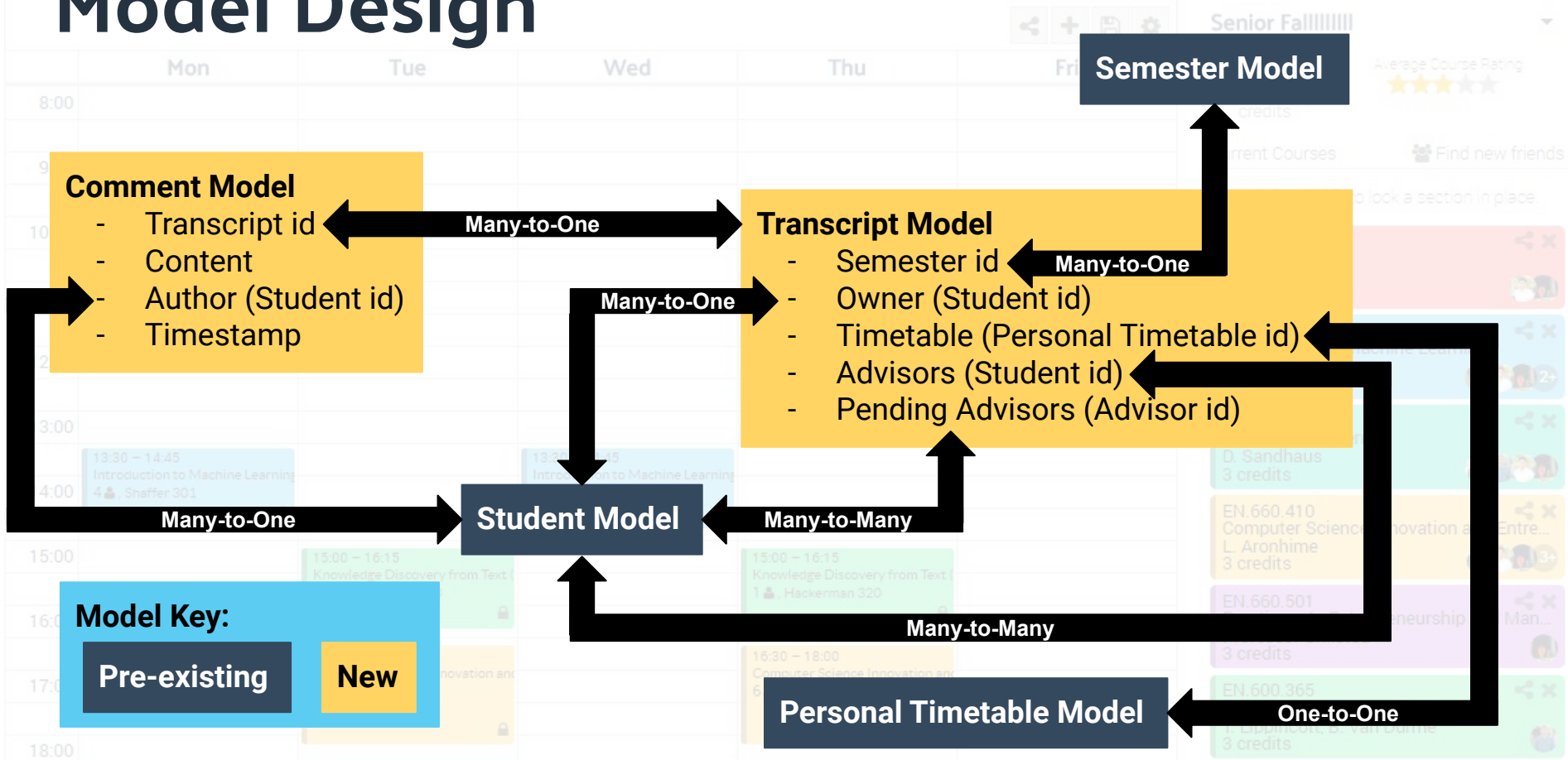
EN.660.311
Law and the Internet
D. Sandhaus
3 credits

EN.660.410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN.660.501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

EN.600.365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Model Design



Serializers



One Serializer per new Model

- Comment
- Transcript
 - Comments ordered by Timestamp
 - Advisors - matters whether or not they are pending

Senior Fall!!!!!!!

18.00
creditsAverage Course Rating
★★★★☆

Current Courses

Find new friends

ProTip: use  to lock a section in place

AS 371 149
Visual Reality
D. Bakker
3 credits

EN 660 475
Introduction to Machine Learning
M. Drell
3 credits

EN 660 311
Law and the Internet
D. Sandhaus
3 credits

EN 660 410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN 660 501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

EN 600 365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Urls/Views (Endpoints)

Handling HTTP Requests

- POST

- Used to post **Comments**
- Stores **Comments** in Database

- GET

- Used to get **Transcripts**
- Pulls **Transcripts** up from Database

- PATCH

- Used to add/remove **Advisors** from **Transcripts**
- Adds or deletes **Advisors** from **Transcript-Advisor** tables

Senior FallIIIIIIIIII

18.00
creditsAverage Course Rating
★★★★☆

Current Courses

Find new friends

ProTip: use  to lock a section in place

AS 371 149
Visual Reality
D. Bakker
3 credits

EN 600 475
Introduction to Machine Learning
M. Dredze
3 credits

EN 660 311
Law and the Internet
D. Sandhaus
3 credits

EN 660 410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN 660 501
Entrepreneurship and Man...
3 credits

EN 600 365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Forum: Posting/Viewing Comments

What happens when a user posts a comment?

Student: Comments "How does my coursework look?" in Fall 2021 Forum

Data: String, Author id, Transcript id, ...

Frontend

HTTP POST REQUEST

Urls/Views:
Process
POST Req

Database

Comment Details

Transcript id

"How does my coursework look?" | ...

1

ADD
ROW

id content

timestamp

author_id

transcript_id

1 1 How does my coursework look?

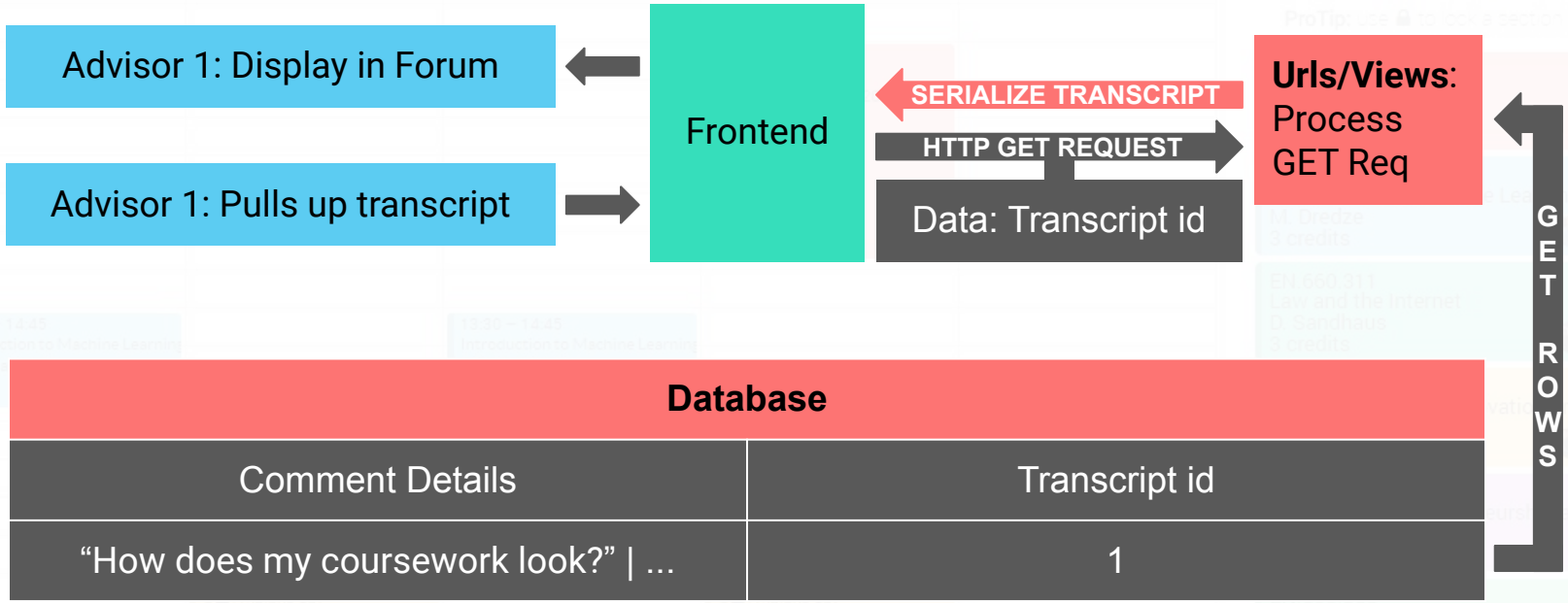
2021-04-29 21:23:57.107388

1

1

Forum: Posting/Viewing Comments

What happens when a user wants to view a comment?



Advisor 1: Display in Forum

Frontend

Advisor 1: Pulls up transcript

SERIALIZE TRANSCRIPT

HTTP GET REQUEST

Data: Transcript id

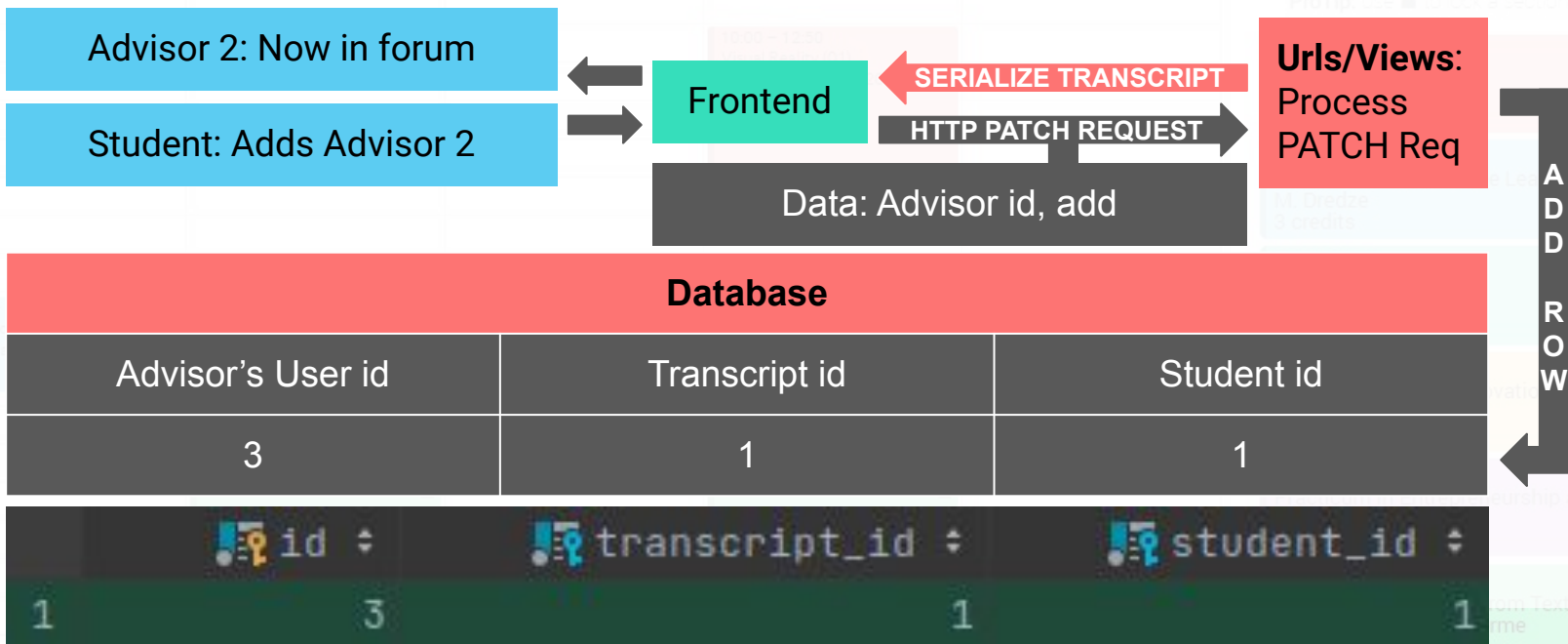
Urls/Views: Process GET Req

Database	
Comment Details	Transcript id
"How does my coursework look?" ...	1

GET ROWS

Forum: Adding/Removing Advisors

What happens when a student adds an advisor?



Forum: Adding/Removing Advisors

What happens when a student removes an advisor?

Advisor 2: Now not in forum

Student: Removes Advisor 2

Frontend

SERIALIZE TRANSCRIPT

HTTP PATCH REQUEST

Data: Advisor id, remove

Urls/Views:
Process
PATCH Req

Database

Advisor's User id

Transcript id

Student id

~~3~~

~~1~~

~~1~~

DELETE ROW

Forum: Pending Advisors



Senior Fall!!!!!!!

18.00
creditsAverage Course Rating
★★★★☆

Find new friends

Pro Tip: Use 🔍 to look a section in place

- What happens if advisors don't have an account?
 - Transcript.advisors is a ManyToManyField of Student

Database

Transcript id

Student id

Advisor id

1

2

5

1

2

6

- Students are Users - they need an associated account
- But advisees want to add their advisors easily

The Solution: Pending Advisors

Senior FallIIIIIIIIII

18.00

credits

Average Course Rating



Current Courses

Find new friends

ProTip: Use the search icon to look a section in place

AS 371 149
Visual Reality
D. Bakker
3 credits

- Have a table for **actual** advisors and **pending** advisors
- Connect the two when the advisor first logs in
- Provide feedback for advisees in the frontend

Invite Advisors to
Comment Forum



Linda H
Moulton

Add advisor

Invite Advisors to
Comment Forum



Linda H
Moulton

Cancel invitation

Invite Advisors to
Comment Forum



Linda H
Moulton

Remove advisor

- Added to pending

- Added directly

Student SIS API Design



Senior Fall!!!!!!!

13.00

Average Course Rating



Find new friends

ProTip: use  to lock a section in place

- Need to get student information from, **Student Information System (SIS)**, Hopkins official course scheduling platform
- Send HTTP POST request and get the student information from there.
 - Name
 - JHED ID
 - Email Address
 - Primary Major
 - Non-primary major(s)
 - Minor(s)
 - Advisors' Info → Name, JHED, Email Address
 - **COURSES!**

13:30 - 14:45
Introduction to Machine Learning
4 🧑, Shaffer 301

10:00 - 12:50
Visual Reality (03)
Visual Reality (03)
Visual Reality (03)

AS 371 149
Visual Reality
Visual Reality
Visual Reality

EN 600 475
Introduction to Machine Learning
M. Dredze
3 credits

EN 660 311
Law and the Internet
D. Sandhaus
3 credits

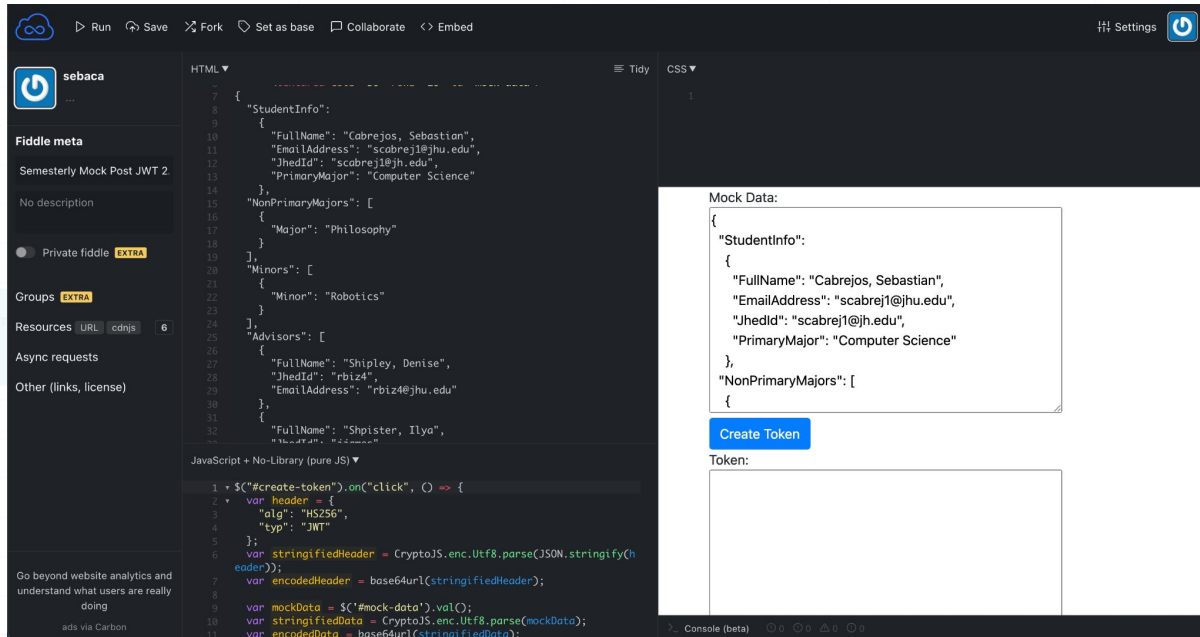
EN 660 410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN 660 501
Entrepreneurship and Man...
Entrepreneurship and Man...
Entrepreneurship and Man...

EN 600 365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

JSFiddle - Emulate Encrypted Data

- Used to create **JSON Web Tokens (JWT)** to replicate encryption during SIS connection



The screenshot shows the JSFiddle interface with the following content:

Fiddle meta

- Semesterly Mock Post JWT 2
- No description
- Private fiddle **EXTRA**
- Groups **EXTRA**
- Resources **URL | cdnjs | 6**
- Async requests
- Other (links, license)

HTML

```
1 <div>
2   {
3     "StudentInfo":
4     {
5       "FullName": "Cabrejos, Sebastian",
6       "EmailAddress": "scabrej1@jhu.edu",
7       "JhedId": "scabrej1@jh.edu",
8       "PrimaryMajor": "Computer Science"
9     },
10    "NonPrimaryMajors": [
11    {
12      "Major": "Philosophy"
13    }
14  ],
15  "Minors": [
16  {
17    "Mtnor": "Robotics"
18  }
19  ],
20  "Advisors": [
21  {
22    "FullName": "Shipley, Denise",
23    "JhedId": "rbiz4",
24    "EmailAddress": "rbiz4@jhu.edu"
25  },
26  {
27    "FullName": "Shipster, Ilya",
28    "JhedId": "rbiz4",
29    "EmailAddress": "rbiz4@jhu.edu"
30  }
31  ]
32 }
33
```

JavaScript + No-Library (pure JS)

```
1 * $(("#create-token").on("click", () => {
2   var header = {
3     "alg": "HS256",
4     "typ": "JWT"
5   };
6   var stringifiedHeader = CryptoJS.enc.Utf8.parse(JSON.stringify(header));
7   var encodedHeader = base64url(stringifiedHeader);
8   var mockData = ($("#mock-data").val());
9   var stringifiedData = CryptoJS.enc.Utf8.parse(mockData);
10  var encodedData = base64url(stringifiedData);
```

Mock Data:

```
{
  "StudentInfo": {
    "FullName": "Cabrejos, Sebastian",
    "EmailAddress": "scabrej1@jhu.edu",
    "JhedId": "scabrej1@jh.edu",
    "PrimaryMajor": "Computer Science"
  },
  "NonPrimaryMajors": [
    {
      "Major": "Philosophy"
    }
  ],
  "Minors": [
    {
      "Mtnor": "Robotics"
    }
  ],
  "Advisors": [
    {
      "FullName": "Shipley, Denise",
      "JhedId": "rbiz4",
      "EmailAddress": "rbiz4@jhu.edu"
    },
    {
      "FullName": "Shipster, Ilya",
      "JhedId": "rbiz4",
      "EmailAddress": "rbiz4@jhu.edu"
    }
  ]
}
```

Create Token

Token:

Console (beta)

Postman - For All Your API Testing Needs

- Used to handle basic POST requests

The screenshot displays the Postman interface for configuring and executing a POST request. The request is set to the URL `https://semesterly-dev.az.sis.jhu.edu/advising/sis_post/`. The response body is shown in the 'Body' tab, displaying a JSON object with a list of nonexistent course IDs.

```
1  {
2    "nonexistentCourses": [
3      "AS.110.108",
4      "EN.660.240",
5      "EN.530.260",
6      "EN.601.220",
7      "EN.601.210"
8    ]
9  }
```

Persevering through Issues...



Enabling Hopkins Login



Senior Fall

18.00

credits

Average Course Rating



- Microsoft authentication
- Working with Ali

Login/Signup

Recommended:



Continue with Facebook

Allows the option to friends in your classes.

or



Continue with JHU



Continue with Google

JOHNS HOPKINS
UNIVERSITY OF MEDICINE

Sign in

jhedid@jh.edu

[Can't access your account?](#)

Next

First Time JHED Users Click Here

The purpose of Johns Hopkins Enterprise Authentication is to provide a single sign-on functionality for our customers to access many applications with just one login.

django-microsoft-auth



Senior Fall|||||||

18.00

credits

Average Course Rating



Python/Django support

django_microsoft_auth follows the same [support cycle as Django](#), with one exception: **no Python 2 support**. If you absolutely need Python 2.7 support, everything should largely already work, but you may need to patch *microsoft_auth.admin* and/or other files to get it to work.

Supported python versions: 3.5+

Supported Django version: **1.11 LTS, 2.1+**

<https://docs.djangoproject.com/en/stable/faq/install/#what-python-version-can-i-use-with-django>

Note: Even though Django 1.11 LTS supports Python 3.4, I do not and you should not either. Official support for 3.4 was dropped in March 2019.

6 👤 Malone 107

6 👤 Malone 107

EN.600.365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

django-microsoft-auth



Senior Fall|||||||

18.00

credits

Average Course Rating



Python/Django support

django_microsoft_auth follows the same [support cycle as Django](#), with one exception: no Python 2 support. If you absolutely need Python 2.7 support, everything should largely already work, but you may need to patch *microsoft_auth.admin* and/or other files to get it to work.

Supported python versions: 3.5+

Supported Django version: 1.11 LTS, 2.1+

<https://docs.djangoproject.com/en/stable/faq/install/#what-python-version-can-i-use-with-django>

Note: Even though Django 1.11 LTS supports Python 3.4, I do not and you should not either. Official support for 3.4 was dropped in March 2019.

6 👤 Malone 107

6 👤 Malone 107

EN.600.365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

	Mon	Tue	Wed	Thu	Fri
8:00					
9:00					
10:00				10:00 – 12:50 Visual Reality (01) 2 🧑, Mattin Center 201	
11:00					
12:00					
13:00					
14:00	13:30 – 14:45 Introduction to Machine Learning 4 🧑, Shaffer 301		13:30 – 14:45 Introduction to Machine Learning 4 🧑, Shaffer 301		
15:00		15:00 – 16:15 Knowledge Discovery from Text 1 🧑, Hackerman 320		15:00 – 16:15 Knowledge Discovery from Text 1 🧑, Hackerman 320	
16:00					
17:00		16:30 – 18:00 Computer Science Innovation and 6 🧑, Malone 107		16:30 – 18:00 Computer Science Innovation and 6 🧑, Malone 107	
18:00					

There's Hope!

Senior Fall!!!!!!

18.00
credits

Average Course Rating



Current Courses

Find new friends

ProTip: use 🔒 to lock a section in place

AS.371.149
Visual Reality
D. Bakker
3 credits

EN.600.475
Introduction to Machine Learning
D. Kredze
3 credits

EN.660.311
Law and the Internet
D. Sandhaus
3 credits

EN.660.410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN.660.501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

EN.600.365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Django 1.9.2 -> Django 1.11 LTS

- I had no clue what I was doing
- Brute force
- One at a time



Django name patterns is not defined in ulrs.py

Asked 4 years, 5 months ago · Active 4 years, 5 months ago · Viewed 13k times

TemplateDoesNotExist at /

Asked 7 years ago · Active 2 years, 9 months ago · Viewed 28k times

Django 1.11 release notes

April 4, 2017

Backwards incompatible changes in 1.11

Senior Fall!!!!!!!

18.00

credits

Average Course Rating



Current Courses

Find new friends

ProTip: Use to look a section in place

AS 371 149

Visual Reality

D. Bakker

3 credits

EN 600 475

Introduction to Machine Learning

M. Dredze

3 credits

EN 600 365

Knowledge Discovery from Text

T. Lippincott, B. Van Durme

3 credits

Hacking Django-Microsoft-Auth

- Finding Python 3 -> Python 2 incompatibilities
- Downloading local versions of repositories
- Python package dependency issues

TypeError at /microsoftauth-callback/

super() takes at least 1 argument (0 given)

```
Request Method: POST
Request URL: http://jhu.sem.ly/microsoftauth-callback/
Django Version: 1.11.29
Exception Type: TypeError
Exception Value: super() takes at least 1 argument (0 given)
Exception Location: /usr/local/lib/python2.7/dist-packages/microsoft_auth/views.py in dispatch, line 47
Python Executable: /usr/bin/python
Python Version: 2.7.15
Python Path: ['/code',
             '/usr/lib/python2.7',
             '/usr/lib/python2.7/plat-x86_64-linux-gnu',
             '/usr/lib/python2.7/lib-tk',
             '/usr/lib/python2.7/lib-old',
             '/usr/lib/python2.7/lib-dynload',
             '/usr/local/lib/python2.7/dist-packages',
             '/usr/lib/python2.7/dist-packages',
             '/code']
Server time: Fri, 5 Mar 2021 13:49:16 -0500
```

InvalidClientError at /microsoftauth-callback/

(invalid_client) AADSTS7000215: Invalid client secret is provided.
Trace ID: 55175a9b-5d8e-477b-936b-644acf763700
Correlation ID: 8d3af7c2-e4c6-4af0-a880-0a4a2cc3b7ad
Timestamp: 2021-03-06 00:18:39Z

```
Request Method: POST
Request URL: http://jhu.sem.ly/microsoftauth-callback/
Django Version: 1.11.29
Exception Type: InvalidClientError
Exception Value: (invalid_client) AADSTS7000215: Invalid client secret is provided.
Trace ID: 55175a9b-5d8e-477b-936b-644acf763700
Correlation ID: 8d3af7c2-e4c6-4af0-a880-0a4a2cc3b7ad
Timestamp: 2021-03-06 00:18:39Z
Exception Location: /usr/local/lib/python2.7/dist-packages/oauthlib/oauth2/rfc6749/errors.py in raise_from_error, line 271
Python Executable: /usr/bin/python
Python Version: 2.7.15
Python Path: ['/code',
             '/usr/lib/python2.7',
             '/usr/lib/python2.7/plat-x86_64-linux-gnu',
             '/usr/lib/python2.7/lib-tk',
             '/usr/lib/python2.7/lib-old',
             '/usr/lib/python2.7/lib-dynload',
             '/usr/local/lib/python2.7/dist-packages',
             '/usr/lib/python2.7/dist-packages',
             '/code']
Server time: Fri, 5 Mar 2021 19:18:39 -0500
```


And Then I Read Semester.ly's Code

- Semester.ly uses a package called Python Social Auth

```
SOCIAL_AUTH_AUTHENTICATION_BACKENDS = (  
    'social.backends.facebook.FacebookOAuth2',  
    'social.backends.google.GooglePlusAuth',  
    'social.backends.google.GoogleOAuth2',  
)
```

- This package supports Microsoft-Azure-Authentication
- We'd have to connect Facebook, Google, and Microsoft accounts together eventually anyways

Python Social Auth/Social Core

Senior Falllllllllll

18.00
creditsAverage Course Rating
★★★★☆

Find new friends

Join in place

- Broke when upgrading to Django 1.11: Need to upgrade!

Migrating from python-social-auth to split social

Since Dec 03 2016, [python-social-auth](#) is marked as deprecated and the community is recommended to migrate towards the packages created in the [organization repository](#).

13:30 – 14:45
Introduction to Machine Learning
4 🧑, Snafley 301

13:30 – 14:45
Introduction to Machine Learning
4 🧑, Snafley 301

15:00 – 16:15
Knowledge Discovery from Text
1 🧑, Hackerman 320

15:00 – 16:15
Knowledge Discovery from Text
1 🧑, Hackerman 320

16:30 – 18:00
Computer Science Innovation and Entrepreneurship
6 🧑, Malone 107

16:30 – 18:00
Computer Science Innovation and Entrepreneurship
6 🧑, Malone 107

3 credits

EN 660 311
Law and the Internet
D. Sandhaus
3 credits

EN 660 410
Computer Science Innovation and Entrepreneurship
L. Aronhime
3 credits

EN 660 501
Practicum in Entrepreneurship and Management
Professor Unlisted
3 credits

EN.600.365
Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

Python Social Auth Migrations

Senior Fall

10 00

Average Course Rating



Find new friends

ok a section in place

Mon

Tue

Wed

Thu

Fri

8:00

Migrations

Several errors were reported due to migrations not applying properly when migrating to the new app, most of them are caused because the app switched names a few times, from `default` to `social_auth`, and probably something else in between. That's the reason the migrations define the `replaces` attribute, that way Django can identify already applied migrations and not run them again.

10:00

In order to make complete the move to the new project setup, first ensure to move to `python-social-auth==0.2.21`, run the migrations at that point, then continue with the move to the new project and run the migrations again. Steps:

11:00

1. Update to `0.2.21`

12:00

```
pip install "python-social-auth==0.2.21"
```

13:00

2. Run migrations

14:00

```
python manage.py migrate
```

15:00

3. Move to the new project

16:00

4. Run migrations again

17:00

```
python manage.py migrate
```

18:00

3 credits

13:30 - 14:4
Introduction
4 👤, Shaffery from Text
Durre

The Last Version to Support Python 2

- 3.4.0 is the last version to support Python 2

- 4.0.0 Release Notes

UnicodeDecodeError at /complete/azuread-tenant-oauth2/

'ascii' codec can't decode byte 0xb0 in position 10: ordinal not in range(128)

Request Method: GET

Request URL: http://jhu.sem.ly/complete/azuread-tenant-oauth2/?code=0.AQgAOPskn-axO0eAP4b4rt8N7H0tm1JKA FBefN7SzbXezUVIqAI72VcjavISFD6AY0AaL-bpAdt1qEDp-veUnQ8GZR1CLFbbuvjGH0TeL6rn59SM12qLstbpW3B7woDP5Kzlh6b1Pol3pYopBcjyO17Y1TJLAIpVHZK6kUMmQK9-Tvm2B7f4q0JlcwSJWD3EKWR8A2wL0FePhW80EnNyRXDIQ_xz2f7Bu9-DtLjcGy2o1C5blC1vCDoebryQ7Zc6zJ9ijDuloidIJ8Yqg

Django Version: 1.11.29

Exception Type: UnicodeDecodeError

Exception Value: 'ascii' codec can't decode byte 0xb0 in position 10: ordinal not in range(128)

Exception Location: /usr/local/lib/python2.7/dist-packages/social_core/backends/azuread_tenant.py in user_data, line 100

Python Executable: /usr/bin/python

Python Version: 2.7.15

Python Path: ['/',
'/usr/lib/python2.7',
'/usr/lib/python2.7/plat-x86_64-linux-gnu',
'/usr/lib/python2.7/lib-tk',
'/usr/lib/python2.7/lib-old',
'/usr/lib/python2.7/lib-dynload',
'/usr/local/lib/python2.7/dist-packages',
'/usr/lib/python2.7/dist-packages',
'/code']

Server time: Thu, 11 Mar 2021 13:05:49 -0500

Changed

- Dropped Python 2 support from testing stack
- Remove discontinued Google OpenId backend
- Remove discontinued Yahoo OpenId backend
- Fix `jwt.decode()` passed algorithm
- Prevent `PyJWT v2.0.0` being installed
- Update Facebook Graph API to 8.0
- Update Amazon fetch-profile URL
- Fix Azure AD Tenant, unable to load certificate
- Fix Okta well-known URL
- Updated Discord's API hostname from `discordapp.com` to `discord.com`
- Pass `client_secret` in `auth-complete` on Kakao backend

When All Hope Was Lost



- What if we just upgrade to 4.0.0 anyways?

It just works!

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Smooth Sailing At Last



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- Adding on to the code that was already written
- Hopkins Login finally works.
- Could completely remove django-microsoft-auth

django-microsoft-auth 2.3.1

```
pip install django-microsoft-auth==2.3.1
```

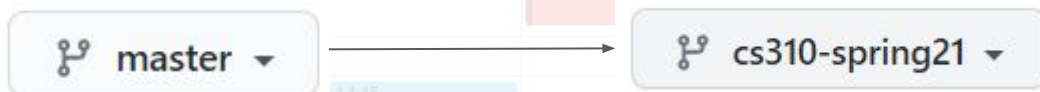


16:30 - 18:00
Computer Science Innovation and Entre...
6 🧑, Malone 107

16:30 - 18:00
Computer Science Innovation and Entre...
6 🧑, Malone 107

Changes in Project Structure

- Up until now, we've been creating PRs to the master branch
- After this change to Python Social Auth was merged, we swapped to a new branch: cs310-spring21



New pull requests

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credits

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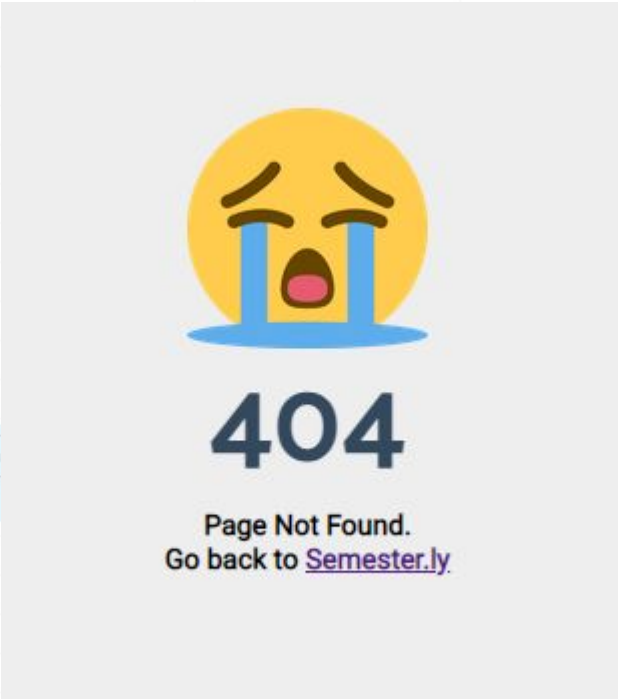


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1 Month Later: I Broke Semester.ly!

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
8:00							
9:00							
10:00							
11:00							
12:00							
13:00							
14:00	13:30 - Introduct 4 👤, Sr		Machine Learning				
15:00				15:00 - 16:15 Knowledge Disc 1 👤, Hackerman			
16:00							
17:00		6 👤, Malone 107		16:30 - 18:00 Computer Scienc 6 👤, Malone 107			
18:00						EN.600.365 Knowledge Discovery from Text T. Lippincott, B. Van Durme 3 credits	

Login/Signup

Recommended:

f Continue with Facebook

Allows the option to friends in your classes.

Continue with JHU

or

G Continue with Google

✉ Email Coming Soon

Average Course Rating
★★★★☆

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Book a section in place

← ×

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Deployment Process



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ProTip: Use 🔍 to look a section in place

- Pull Request >> *master* --> *staging* --> *production*

- As a result, **separate** commits and PRs can all get merged **at once** from *staging* to *production*.

- At some point, my changes moved from *staging* to *production* **altogether**.

	Mon	Tue	Wed	Thu	Fri
8:00					
9:00					
10:00				10:00 - 12:50 Visual Reality (2)	
11:00					
12:00					
13:00					
14:00	13:30 - 14:45 Introduction to Machine Learning 4 👤 Scarlett 201		13:30 - 14:45 Introduction to Machine Learning 4 👤 Scarlett 201		
15:00				15:30 - 18:15 Knowledge Discovery from Text 1 👤 Maximilian 220	
16:00		16:30 - 18:00 Computer Science Innovation and Entrepreneurship 6 👤 Malone 107		16:30 - 18:00 Computer Science Innovation and Entrepreneurship 6 👤 Malone 107	
17:00					
18:00					

AS 371 149 Visual Reality D. Bakker	AS 371 149 Visual Reality D. Bakker
Introduction to Machine Learning M. Dredze 3 credits	Introduction to Machine Learning M. Dredze 3 credits
EN 660 311 Law and the Internet D. Sandhaus 3 credits	EN 660 311 Law and the Internet D. Sandhaus 3 credits
EN 660 410 Computer Science Innovation and Entrepreneurship L. Aronhime 3 credits	EN 660 410 Computer Science Innovation and Entrepreneurship L. Aronhime 3 credits
EN 660 501 Practicum in Entrepreneurship and Management Professor Unlisted 3 credits	EN 660 501 Practicum in Entrepreneurship and Management Professor Unlisted 3 credits
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1 Month Ago:



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ok a section in place

Migrations

Several errors were reported due to migrations not applying properly when migrating to the new app, most of them are caused because the app switched names a few times, from `default` to `social_auth`, and probably something else in between. That's the reason the migrations define the `replaces` attribute, that way Django can identify already applied migrations and not run them again.

In order to make complete the move to the new project setup, first ensure to move to `python-social-auth==0.2.21`, run the migrations at that point, then continue with the move to the new project and run the migrations again. Steps:

1. Update to `0.2.21`

```
pip install "python-social-auth==0.2.21"
```

2. Run migrations

```
python manage.py migrate
```

3. Move to the new project

4. Run migrations again

```
python manage.py migrate
```

13:30 - 14:4
Introduction
4 👤, Shaffer

3 credits

What Do We Do?



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EN 660 410
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3 credits

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Professor Unlisted
3 credits

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Knowledge Discovery from Text
T. Lippincott, B. Van Durme
3 credits

- My way of fixing this was to **delete** the database
 - Obviously, that's not feasible

Migration broken from 0.2.19 (and older) #28



nijel opened this issue on Feb 1, 2017 · 12 comments

- GitHub discussion posts?

Ali Saves The Day



Mon

Tue

Wed

Thu

Fri

8:  **Ali Soylu** 6:45 PM

FB login works



I think I fixed it?

10: **@James S. Wang** I compared prod and dev and created missing data like below

```
ALTER TABLE public.social_auth_usersocialauth
ADD created timestamp with time zone NULL;
```

```
ALTER TABLE public.social_auth_usersocialauth
ADD modified timestamp with time zone NULL;
```

```
UPDATE public.social_auth_usersocialauth
SET created = current_date;
```

```
UPDATE public.social_auth_usersocialauth
SET modified = current_date;
```

```
ALTER TABLE public.social_auth_usersocialauth
ALTER COLUMN created SET NOT NULL;
```

```
ALTER TABLE public.social_auth_usersocialauth
ALTER COLUMN modified SET NOT NULL;
```

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1800

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Courses

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ip: use  to lock a section in place

1.49 Reality ker ts  

0.475 Section to Machine Learning dze ts  

0.311 and the Internet dhaus ts  

0.410 Inter Science Innovation and Entre... rhime ts  

0.501 um in Entrepreneurship and Man... sor Unlisted ts  

0.365 Knowledge Discovery from Text T. Lippincott, B. Van Durme 3 credits  

Moral of the Story?

- Keep code up to date
- Understand the codebase
- Research all options before choosing one

- Praise Ali



Ali Soylu ○

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18.00

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Visual Reality
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EN 600 365
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3 credits

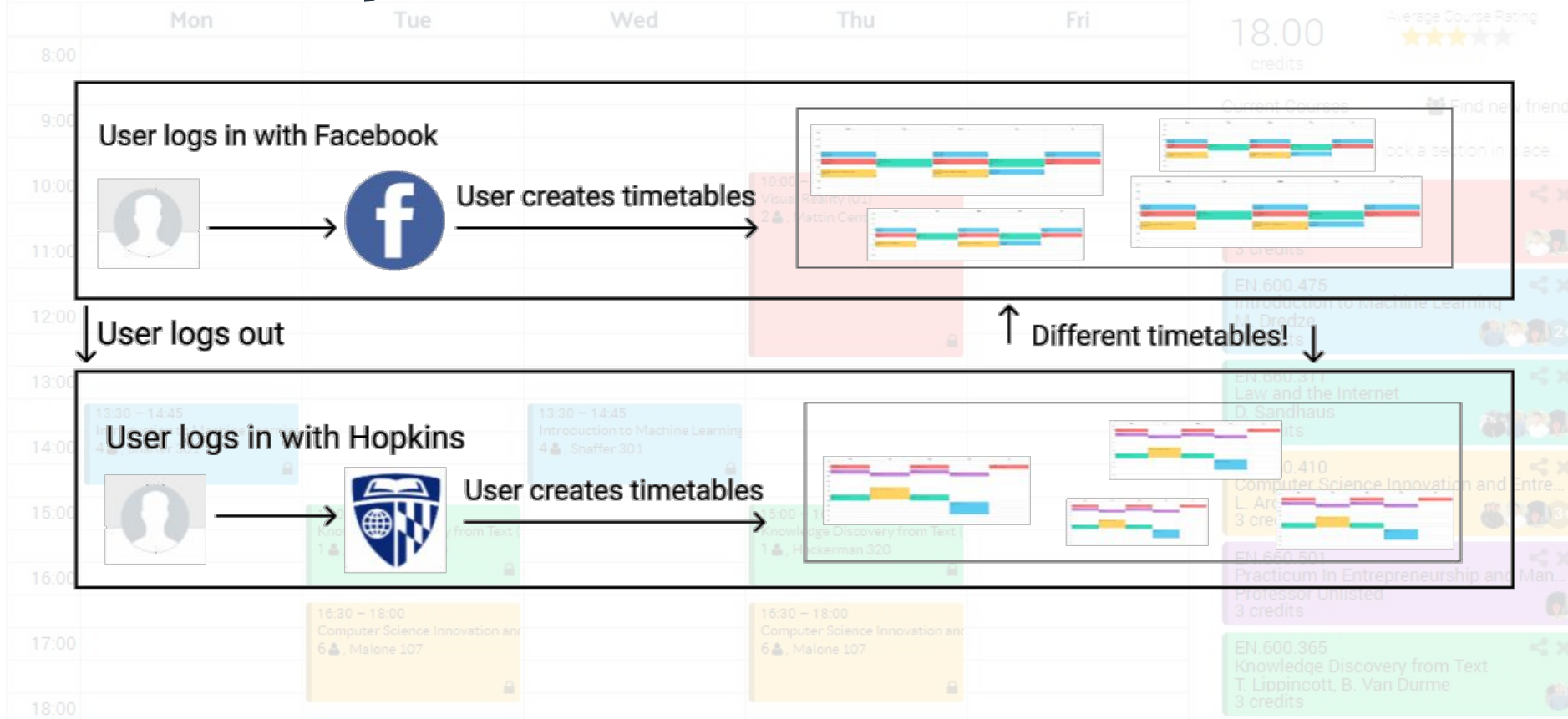
An Undetected Bug: Separate Accounts

- More noticeable due to the fact that we now have Hopkins login.
- If a student has two separate accounts and wants to connect them, what do we do?



- Semester.ly currently doesn't have Google authentication

An In-depth Look



User logs in with Facebook



User creates timetables



User logs out

Different timetables!

User logs in with Hopkins



User creates timetables



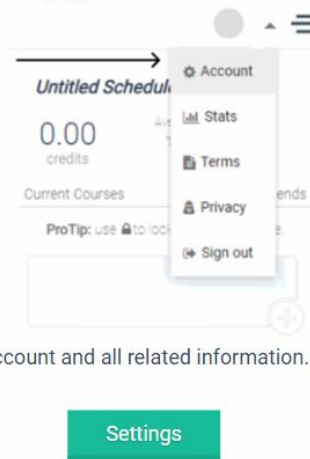
The Solution Work Around

- No real easy solution
- Intercept this exception
- Redefine how it's handled

Separate Accounts Detected!

Your attempt to connect with another account has failed. This most likely occurred if you logged into one account without being logged into another. If you wish to connect your accounts, you must delete one of the accounts by following these three steps:

1. Log into Semester.ly with the account you want to **delete**.
2. Go to account settings by clicking the button below or by the dropdown in the top right.



3. Delete your account and all related information.

Demo!

Moving Forward...

A dark blue, solid-colored shape that forms a wide, shallow V-shape at the bottom of the slide, pointing upwards towards the center. The top edge of this shape is jagged, with a central dip and two rising slopes that meet the bottom edge of the slide.

Shifting from Development to Production

- Release into **Beta** before next registration period
- More Testing!
- Move from our current development site to staging, then production
- Collect feedback from beta feature to determine most requested improvements

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3 credits

EN 600 675
Introduction to Machine Learning
3 credits

EN 680 311
Law and the Internet
D. Sandhaus
3 credits

EN 680 311
Entrepreneurship Innovation and Entrepreneurship
L. Aronhime
3 credits

EN 680 501
Practicum in Entrepreneurship and Management
Professor Unlisted
3 credits

EN 600 365
Knowledge Discovery from Text
T. Lippincott, E. van Durme
3 credits

Marketing to Advisors & Students

- Announcements directly on our existing platform
- Contacting colleagues in Academic Advising and CS Department
- Discussions in University Group Chats
- Expanding social media presence

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EN 660 475
Introduction to Machine Learning
M. Dredze
3 credits

EN 660 311
Law and the Internet
D. Sandhaus
3 credits

EN 660 410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN 660 501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

EN 660 365
Knowledge Discovery from Text
T. Lippincott, E. van Durme
3 credits

More Ideas To Consider



- **Notifications System** (i.e. emails and in-app)
- **Freedom to choose specific timetable** directly in advising dashboard
- **Reaching beyond our product**
 - Speaking with Advisors & Advisees to understand best practices to improve advising relationships

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Current Courses

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3 credits

EN 600 475
Introduction to Machine Learning
M. Dredze
3 credits

EN 600 311
Law and the Internet

EN 600 410
Computer Science Innovation and Entre...
L. Aronhime
3 credits

EN 600 501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

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3 credits

More Ideas To Consider



Mon

Tue

Wed

Thu

Fri

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

- **Allow advisees to share schedule with other mentors/advisors**

- **Ensure Authentication all login choices remain usable**
 - Google Authentication is currently questionable
 - Must be certain JHED Authentication will not break

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AS 371 149
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Introduction to Machine Learning
3 credits

EN 600 311
Introduction to the Internet
3 credits

EN 660 410
Computer Science Innovation and Entrepreneurship
L. Aronhime
3 credits

EN 660 501
Practicum in Entrepreneurship and Management
Professor Unlisted
3 credits

EN.600.365
Knowledge Discovery from Text
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3 credits

	Mon	Tue	Wed	Thu	Fri
8:00					
9:00					
10:00				10:00 - 12:50 Visual Reality (01) Mattin Center 201	
11:00					
12:00					
13:00					
14:00	13:30 - 14:45 Introduction to Machine Learning 4 👤, Shaffer 301		13:30 - 14:45 Introduction to Machine Learning 4 👤, Shaffer 301		
15:00		15:00 - 16:15 Knowledge Discovery from Text 1 👤, Hackerman 320		15:00 - 16:15 Knowledge Discovery from Text 1 👤, Hackerman 320	
16:00					
17:00		16:30 - 18:00 Computer Science Innovation and 6 👤, Malone 107		16:30 - 18:00 Computer Science Innovation and 6 👤, Malone 107	
18:00		18:15 - 21:00 Law and the Internet (01)			



Thank You!

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3 credits

EN.660.501
Practicum in Entrepreneurship and Man...
Professor Unlisted
3 credits

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3 credits

Optional Courses