

Mid-Semester Presentation for Semester.ly

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High Level Project Goal

Vision

- Current advisor-advisee relationship
 - Pain points:
 - No history of interactions
 - Information is not centralized. On Excel sheets, on SIS, on Email, etc.
 - Have to release hold through SIS
 - Comments are on emails or just oral
 - No way to share schedules through SIS
- How to improve
 - Share schedules through Semester.ly
 - Save comments on schedules
 - Can look back at comments and schedules on Semester.ly
 - Can release holds on Semester.ly





Progress

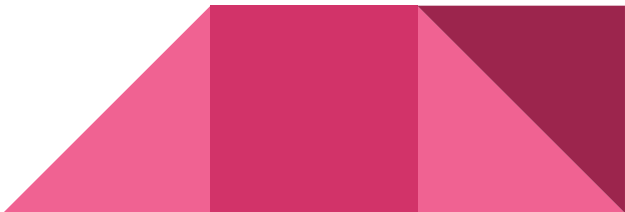
What we've done

- Planning
 - Created an initial outline for what functionalities we wanted
 - Meeting with Noah and Yair on how to proceed
 - Redesigned our initial outline and created a project proposal
- SIS button
 - Got endpoint from Ali
 - POST add to cart endpoint with timetable data
 - Made it unique to Hopkins only
 - Error checking for empty timetables and other bugs
- Adding an advisor
 - Can add another user as an advisor to current timetable



Barriers Thus Far

- Setting up our local dev environments
- Learning the codebase
 - Worked on small bugs and other features like the SIS add to cart button
- Open Source Software vs. Service
 - Learned about what it means to be open source and talked with core members about how our team can fit in with the existing service
- Setting up our development and production servers
 - Help from Ali
- Working around a Timetable centered backend rather than User
 - Timetable has-a Student has-a User, not User has-a Timetable
 - One-way data query



Design & Concrete goals

Where we want to go and how!

Minimum Viable Product (V1)

Advisors can view timetables of student advisees

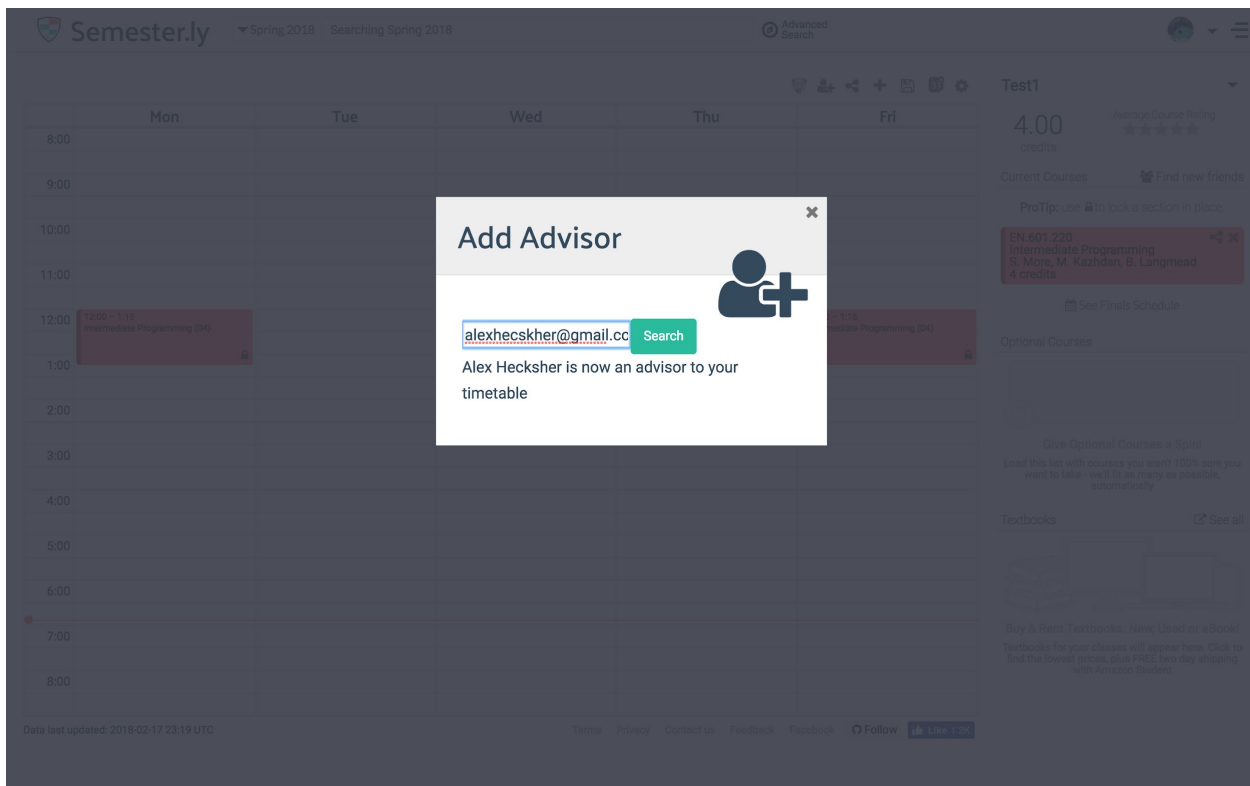
- Sharing Timetables
- Removing Timetables
- Advisor's Access to Timetables



Technical Design (Backend)

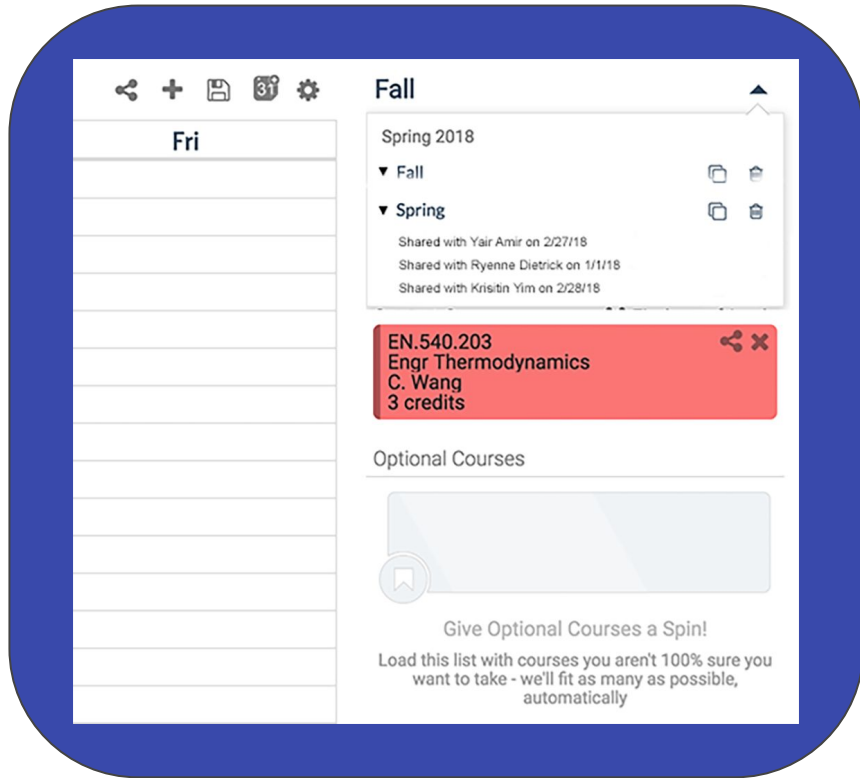
- Models
 - PersonalTimetable
 - add `advisors`, a list of Student objects who have permission to view the timetable
 - add `comments`, a list of Comment objects that belong to or refer to the timetable
 - Comment
 - Contains comment string as well as timetables it belongs to
- Endpoints
 - POST `/advisor/addAdvisor`
 - Add an advisor to the current user's timetable by specifying other user's email
 - GET `/advisor/getAdvisingTimetables`
 - Get a list of all timetables that the current user can view (i.e. the Timetable objects whose User's parent-Student object exists in the `advisors` field)
 - DELETE `/advisor/deleteAdvisor`
 - Delete an advisor from the current user's timetable

UI Design: Sharing a Timetable Modal



Share Timetable with
an Advisor

UI Design



Timetable owners will see who who can view your timetable

UI Design: Shared Timetable Advisor View

What the Advisor sees when they get a shared timetable with them



UI Design: Commenting on a timetable

What we hope the commenting on a timetable feature will look like

The screenshot displays the Semester.ly Course Scheduler interface for Spring 2018. The main area is a timetable grid with columns for days of the week (Mon-Fri) and rows for time slots (8:00-6:00). Courses are represented by colored blocks: red for Linear Algebra (06), blue for Data Structures (01), and green for Automata & Computation Theory (01). Each block includes a lock icon. On the right, a sidebar shows the selected semester (Spring 2018), average course rating (11.00), and a list of current courses with their details and a comment icon. Below the course list is a 'Comments' section with a text input field and a plus icon for adding comments. The footer includes a data update timestamp and social media links.

	Mon	Tue	Wed	Thu	Fri
8:00					
9:00					
10:00					
11:00	11:00 - 11:50 Linear Algebra (06)		11:00 - 11:50 Linear Algebra (06)		11:00 - 11:50 Linear Algebra (06)
12:00	12:00 - 1:15 Data Structures (01)		12:00 - 1:15 Data Structures (01)		12:00 - 1:15 Data Structures (01)
1:00		1:30 - 2:45 Automata & Computation Theory (01)		1:30 - 2:45 Automata & Computation Theory (01)	
2:00					
3:00		3:00 - 3:50 Linear Algebra (06)			
4:00					
5:00					
6:00					

Spring 2018

Average Course Rating
11.00
credits

Current Courses Find new friends

ProTip: use to lock a section in place.

- AS.110.201
Linear Algebra
W. Wilson
4 credits
- EN.601.226
Data Structures
P. Froehlich
4 credits
- EN.601.231
Automata & Computation Theory
X. Li
3 credits

Comments

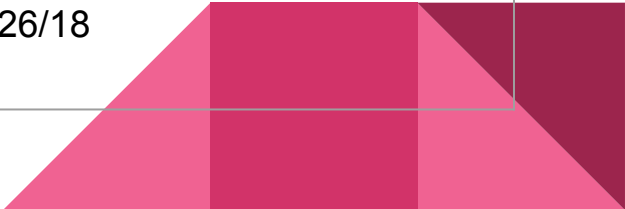
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Data last updated: 2017-11-06 14:35 UTC

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Schedule

Feature	Duration	Completion Date
User can share timetable	1 week	3/5/18 (Done)
Advisor can view timetable with recent changes but can't edit	2 weeks	4/5/18
User can view who they've shared their timetable with	1 week	4/12/18
Advisor can view which timetables they have access to	1 week	4/19/18
Advisors can remove timetables they have access to	1 week	4/26/18



Known Future Complications

- Keeping UI clean and uncluttered
 - Especially on timetable names dropdown
- Navigating backend timetable-centric object model
- Advisors having the ability to view but not edit timetables
 - Have to create a different type of view



Additional Feature (V2)

- Commenting on timetables
- Advisor releasing student registration holds
- Notifications
 - You've been added as an advisor to a timetable
 - Your advisor has viewed/commented on your timetable

