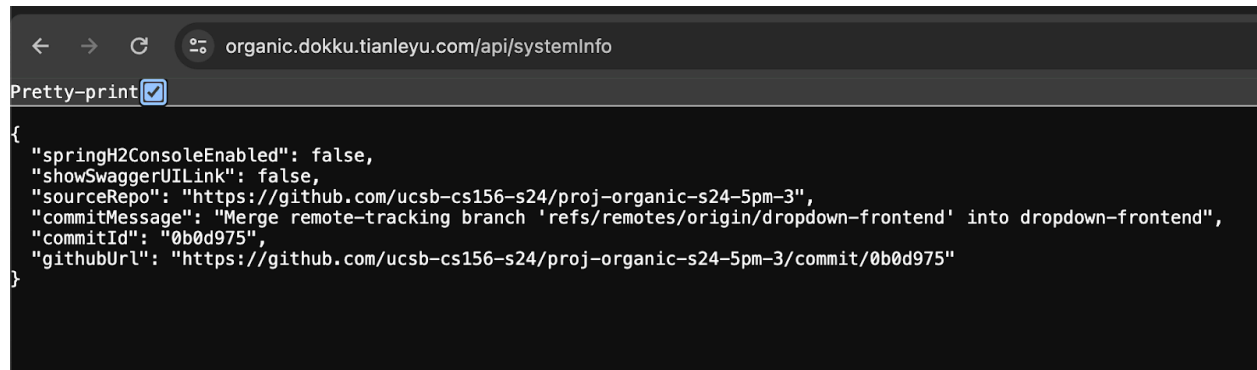


From: s24-5pm-3
Date: Thu, June 6, 2024 at 5:00 PM
Subject: Organic new release
To: Phil Conrad and other teaching staff of CS156

Here's a summary of our changes:

[BUG] Fixed the issue that the job controller test kept failing: When we inherited the code from previous quarters, one of the GitHub CI contained a flaky test where the test for job service failed from time to time due to no reason. We addressed this problem and speeded up the development process for not only our team but also every team working on organic.

[FEATURE] Expose git info msg: With this feature, the developers can easily see the git information of the application when it's deployed. This is useful when debugging among different deployments, and will prevent the developers from going back and forth to find the root cause of a problem.

A screenshot of a web browser window. The address bar shows the URL 'organic.dokku.tianleyu.com/api/systemInfo'. Below the address bar, there is a 'Pretty-print' checkbox which is checked. The main content area displays a JSON object with the following fields: 'springH2ConsoleEnabled' (false), 'showSwaggerUILink' (false), 'sourceRepo' (a GitHub URL), 'commitMessage' (a message about merging a branch), 'commitId' (a commit hash), and 'githubUrl' (a GitHub commit URL).

```
{
  "springH2ConsoleEnabled": false,
  "showSwaggerUILink": false,
  "sourceRepo": "https://github.com/ucsb-cs156-s24/proj-organic-s24-5pm-3",
  "commitMessage": "Merge remote-tracking branch 'refs/remotes/origin/dropdown-frontend' into dropdown-frontend",
  "commitId": "0b0d975",
  "githubUrl": "https://github.com/ucsb-cs156-s24/proj-organic-s24-5pm-3/commit/0b0d975"
}
```

[FEATURE] Upgraded to Spring 3: It's the era of Spring 3, and we can't leave our organic running on Spring 2! With the help of the teaching team, we upgraded the backend framework from SpringBoot 2 to SpringBoot 3. This also reduces security risks and opened the door for us to bump up the versions of other dependencies.

[FEATURE] Add post a single student to the course API: As an instructor, or teaching team member, I can add students to the repo without batch import. This is useful for students coming from waitlist. As a developer, I can test my course controller by adding individual dummy students (when used with the users API).

POST

/api/students/post

Create a new student for a course

Parameters

Cancel

Name	Description
courseId * required integer(\$int64) (query)	course ID <input type="text" value="courseId"/>
email * required string (query)	Email of the student <input type="text" value="email"/>
fname * required string (query)	First name <input type="text" value="fname"/>
lname * required string (query)	Last name <input type="text" value="lname"/>
studentId * required string (query)	Student ID <input type="text" value="studentId"/>

Execute

[FEATURE] Changing school selection to drop down: The school field in the create/edit course form used to be a text input, which is not ideal since we have no way to make sure the user input matches one of the schools in the database until they submit, which is not a good experience. With this change, user now can just select the school they want to from a list of the existing schools, which is more straightforward.

Create New Course

Name

School

✓ UCSB

Term

StartDate(iso format)

yyyy/mm/dd, --:--

EndDate(iso format)

yyyy/mm/dd, --:--

GithubOrg

Create

Cancel

[Feature] Added frontend for School CRUD: there is now a frontend for school, including create, edit, and delete buttons for corresponding actions. These are linked to the backend and function as expected.

Create New School

Abbreviation	Name	Term Regex
<input type="text" value="ucsb"/>	<input type="text" value="University of California, Santa Barbara"/>	<input type="text" value="[WSMF]\d\d"/>
Term Description		
<input type="text" value="wrong term"/>		
<input type="button" value="Create"/> <input type="button" value="Cancel"/>		

Edit School

Abbreviation	Name	Term Regex
<input type="text" value="ucsb"/>	<input type="text" value="test"/>	<input type="text" value="[WSMF]\d\d"/>
Term Description		
<input type="text" value="S24"/>		
<input type="button" value="Update"/> <input type="button" value="Cancel"/>		

School

Abbrev	Name	TermRegex	TermDescription	Edit	Delete
ucsb	test	[WSMF]\d\d	S24	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

[Feature] Added information about app on the HomePage: there is now a section underneath the greeting that explains the purpose of Organic and what it is replacing

Good afternoon, 30912hyl

This app is intended as a replacement for the [ucsb-cs-github-linker](#) app used in many courses at UCSB, as well as some courses at other universities.

[Bug] Fixed issue where Term Description must match format of Term Regex: The school create page will no longer give an error when the Term Description does not match the format of the regex given in Term Regex.

[FEATURE] H2-Console and Swagger-UI Option on Navbar for Development: Developers can set a variable in the environment for each option to true when they need them or false when they don't to enable them on the navbar.
When the variables are set to true:

OrganicH2ConsoleSwaggerCoursesAdmin

Welcome, andrew-kwon1Log Out

Good afternoon, andrew-kwon1

When the variable SHOW_SWAGGER_UI_LINK is set to false:

OrganicH2ConsoleCoursesAdmin

Welcome, andrew-kwon1Log Out

Good evening, andrew-kwon1

When the variable H2_CONSOLE_ENABLED is set to false:

OrganicSwaggerCoursesAdmin

Welcome, andrew-kwon1Log Out

Good afternoon, andrew-kwon1

[Feature] Created Staff page and Add Staff page: Instructors and Administrators can see a page with the list of all staff for a course, as well as add a staff member for a course.

Course

Total Courses: 1

id	Name	School	Term	StartDate	EndDate	GitHub Org	Staff	Edit	Delete	Join
1	a	a	a	2024-05-02T17:53:00	2024-06-13T17:53:00	a	Staff	Edit	Delete	Join

Pressing the staff button leads to the following staff page with a list of the staff members for that course:



The screenshot shows a web application interface. At the top, there is a dark navigation bar with links: Organic, H2Console, Swagger, Courses, and Admin. On the right of the bar, it says 'Welcome, andrew-kwon1' and has a 'Log Out' button. Below the navigation bar, the page title is 'Staff'. On the right side of the page, there is a blue 'Add Staff' button. In the center, there is a table with the following data:

id	courseId	githubId
1	1	92059564

Pressing the “Add Staff” button leads to a form that allows Instructors to enter the github username of the staff member they want to add to the course:

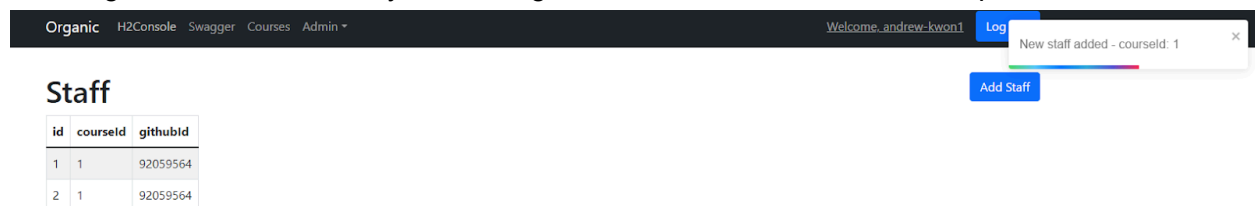
Add New Staff Member

Add Staff Member to Course 1

Github Login

Create Cancel

Pressing “Create” successfully adds the github user to the staff list for the specific course:



The screenshot shows the same web application interface as before, but with an additional staff member added. The table now has two rows. A success message is displayed in a toast notification at the top right: 'New staff added - courseId: 1'. The 'Add Staff' button is still present.

id	courseId	githubId
1	1	92059564
2	1	92059564

[FEATURE] Created Course Show Page: Instructors and Developers can access a page designed to show information about specific courses. Once a course has been added, by clicking the course ID hyperlink, you are brought to a page that shows only the selected course.

Course

Create Course

Total Courses: 3

id	Name	School	Term	StartDate	EndDate	GitHub Org	Staff	Edit	Delete	Join
3	CS156	UCSB	W24	1111-11-11T11:11:00	2022-11-11T11:11:00	12	<button>Staff</button>	<button>Edit</button>	<button>Delete</button>	<button>Join</button>
4	CS156	UCSB	W24	1111-11-11T11:11:00	2022-11-11T11:11:00	A	<button>Staff</button>	<button>Edit</button>	<button>Delete</button>	<button>Join</button>
5	UCSB	UCSB	W23	2022-11-03T02:02:00	2023-01-01T01:01:00	J	<button>Staff</button>	<button>Edit</button>	<button>Delete</button>	<button>Join</button>

Course 3 Info

Total Courses: 1

id	Name	School	Term	StartDate	EndDate	GitHub Org	Staff	Edit	Delete	Join
3	CS156	UCSB	W24	1111-11-11T11:11:00	2022-11-11T11:11:00	12	<button>Staff</button>	<button>Edit</button>	<button>Delete</button>	<button>Join</button>

[FEATURE] Create Student Table:

A component was created for displaying the students. This will eventually be used on the course show page in the form of a table with the students in the class. In the meantime, it can be viewed through storybook.

Total Students: 0

id	courseld	studentId	fName	lName	email	githubId
----	----------	-----------	-------	-------	-------	----------

[Feature] Added tooltip UX to School Variables: When hovering over variables in School form and table, you will now see a description of the variable and what it does. I also removed the variable “termError” as it is unnecessary. If there are any leftover instances of termError in the code, please remove or define purpose of keeping it. Note: Name does not have a tooltip and it is intended as it is self-explanatory.

Abbreviation

Name

Please enter a term description. EX: Quarter, Semester or Session

Term Regex

Term Description

Create

Cancel

PRs that went into the above release notes:

Here are the pull requests (PRs) that contributed to the updates in the above release notes.

[\[feat\] Swagger option on Navbar #20](#)

[FEATURE: H2Console Option on Navbar for Development #25](#)

[Added school edit pages, utils, tests, stories #36](#)

<https://github.com/ucsb-cs156-s24/proj-organic-s24-5pm-3/pull/43>

[HomePage Info #52](#)

[Created Course Show Page with Storybook Page #53](#)

[Linked Course Show Page to be accessible from Courses Index Page #54](#)

[Added tooltip UX to School variables\(abbrev, desc, regex\) #60](#)

<https://github.com/ucsb-cs156-s24/proj-organic-s24-5pm-3/pull/65>

[Staff page staff list and add staff #67](#)

[Linked API to Create School button, added tests and Storybook v.2 #70](#)