From: s24-5pm-1
Date: Thu, May 30, 2024 at 5:00 PM
Subject: Organic New Release Update
To: Phil Conrad and the CS156 Teaching Staff

Here is the summary of the updates/changes we have made to the Organic Project:

[Feature] Home page has a quick info on what the project is about:

Users will now be entered with a friendly message when they log in. They will know what this project is about and what can be done on this website. There is also a depiction of what GitHub organizations are.
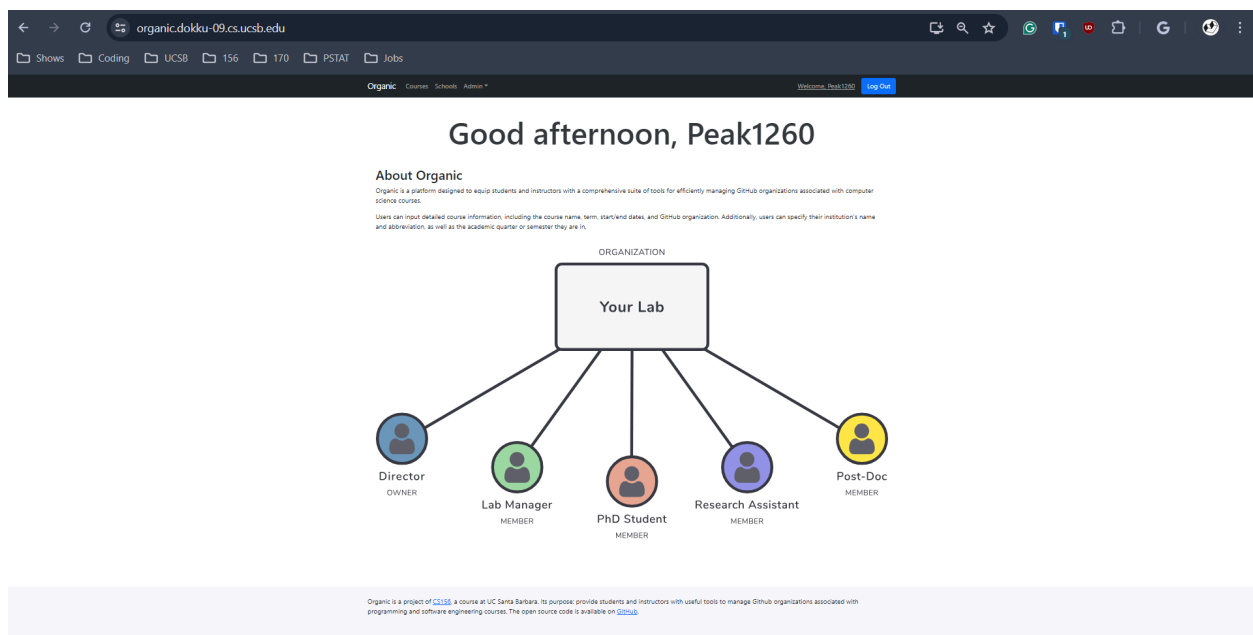
[Feature] Course show page now displays the individual course information:

By clicking on the show button on a course that has been created, admins/instructors can navigate to a page displaying specific course information.

The course information can also be edited from this page by clicking the edit button. The page should also be able to upload courses and view staff/student rosters though that hasn't been fully implemented yet.

[Feature] Student table now appears on the course show page:
A student table is now added to the course show page so that whenever a user clicks on the show button of a course. The course show page that pops out will have a view student section that displays the information of all students in this course:

[Feature] Courses now have a drop-down menu for the list of schools, instead of text input:

In this feature, we changed the school textbox input field in the course creation page into a dropdown selection instead. This is what it looks like:

The dropdown selection shown calls api/schools/all to populate the dropdown with a list of schools. To test the feature, make sure a school is created in the school creation page first, then navigate to the courses page, and select the box in the school field to see the dropdown. After that, you can proceed to create a course after all the other input fields have been filled.

[Feature] Staff index and create page shows staff information:

A staff index page now displays the user ID, course ID, and GitHub ID. Admins/instructors can view all this information after clicking the staff button on the course and can also opt to delete a course as well. By clicking the delete button, it will delete the row from the table entirely.

If they click add staff, they can input a GitHub login and it would add staff on the index page:

[Feature] Added ability to create, edit, and delete schools:

In this feature, we enable the admins to create, edit, and delete schools on the school page. In the older version, There is a create and an edit button but when people click on those buttons, no relevant pages will show up.

In the current version, if you are an admin and when you click on the school button on the top, There is a create school button that allows you to create a new school:

Once you fill in all the information needed for a school and click create, a new school will be created and shown on the page:

Then, if you click the edit button of a school, you can change its attributes (Name, TermRegex…etc). Note that Abbrev served as the ID of a school and therefore can't be changed. Also, by clicking on the delete button of a school, it will no longer show up on the index page.
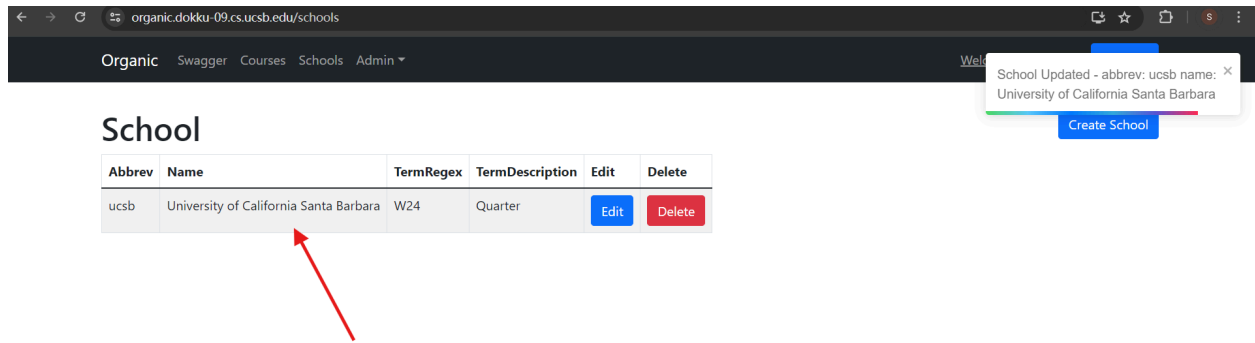
[Feature] Added explanations to the school form so users can understand what to input:

In this feature update, I:

1) Added tips for every field so admins can understand what each field is.

2) Changed the Regex term so now it accepts regex like [WSMF]\d\d (Example: W24)

3) Made the form more clear to the user by adding more detailed descriptions

[Feature] Removed TermError from the UX:

When creating a new school it had a field called "Term Error" that was unnecessary so in this feature I got rid of the "Term Error" field. This is how it looks right now:

This is how it looked previously:

Create New School

Abbreviation

Name

Term Regex

Term Description

Term Error

Create Cancel

[Feature] Expose commit info on api/systemInfo:

We modified the System Info model and service implementation so that when you visit /api/systemInfo, you'll additionally obtain information about the latest commit that is running, including the id, message, and a URL to that commit on github.com.
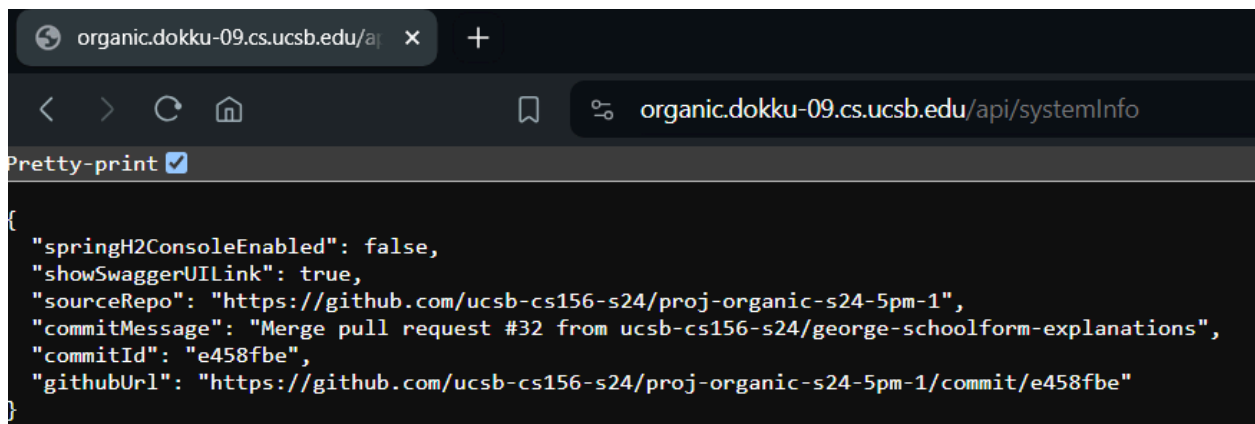
The source repo value is set by an environment variable, so make sure to set
SOURCE_REPO=github.com/ucsb-cs156-s24/proj-organic-s24-5pm-1
in your .env file.

C/C++

Local Machine:
dokku git:set <your dokku instance name> keep-git-dir true

Dokku:
dokku config:set --no-restart <your dokku instance name>
SOURCE_REPO=github.com/ucsb-cs156-s24/proj-organic-s24-5pm-1

[Feature] Swagger can now be shown by changing environmental variable:
We've added the functionality to change whether or not the "Swagger" option appears on the top NavBar through the SHOW_SWAGGER_UI_LINK environment variable.

If you set the environment variable SHOW_SWAGGER_UI_LINK to true (either in the .env file on localhost or via a command on Dokku), the option will appear on the NavBar,
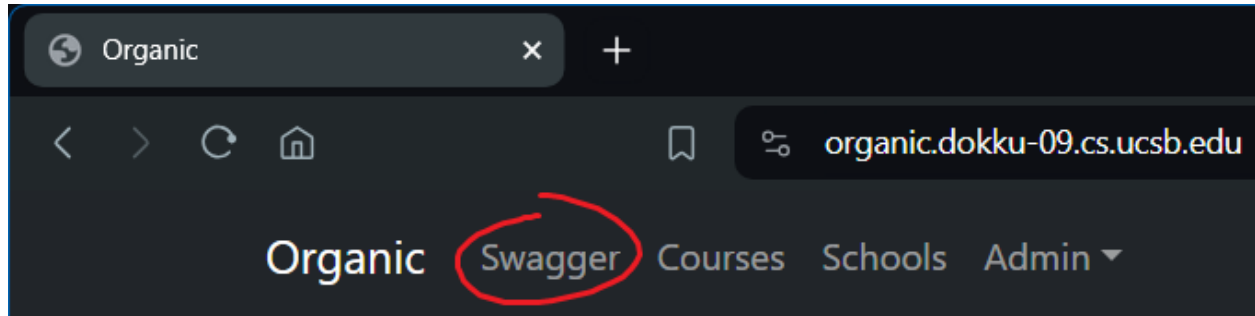
… otherwise, it will not appear on the NavBar
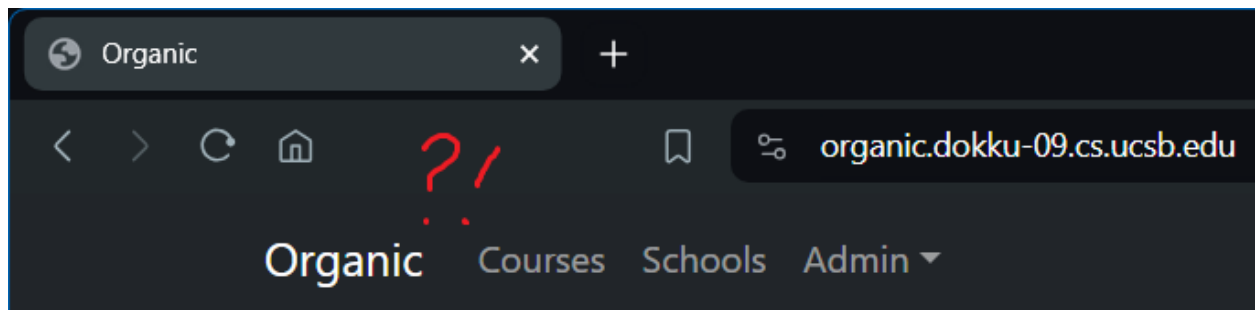
[Feature] Update imports and functions in the backend to Spring Boot 3:
In this feature, we upgrade the backends of project-organic to spring-3. This update resolves some security issues that existed in the old version. Also, it provides more features and capabilities for future development.