

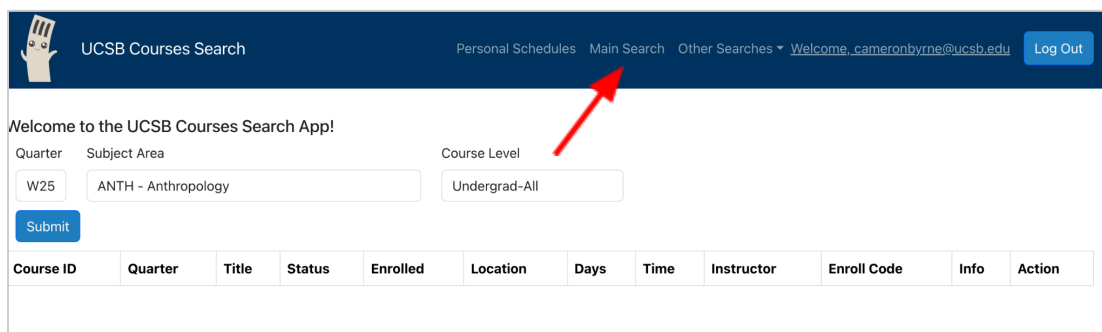
Hello!

We've deployed the latest changes to the production version at <https://courses.dokku-01.cs.ucsb.edu/>

Here's a summary of changes:

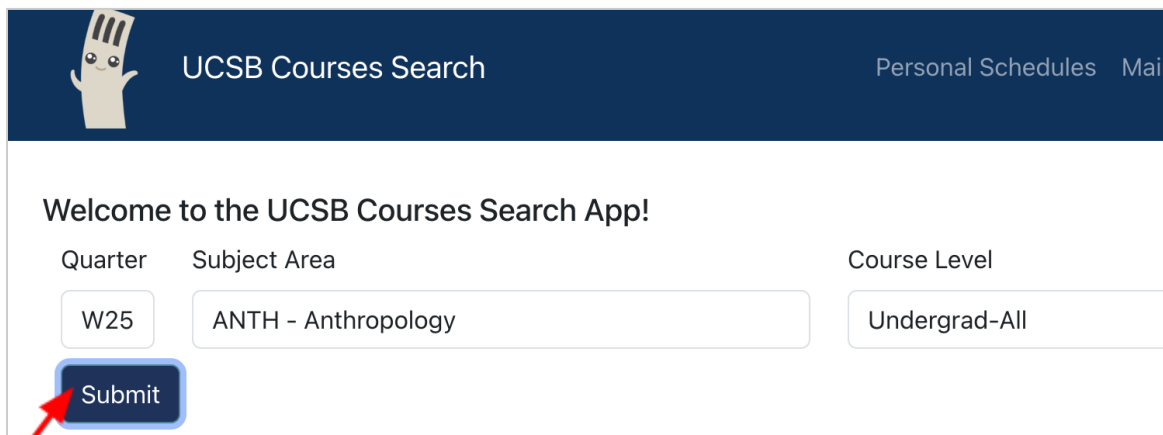
(1)

It is now possible for users to switch sections within a planned course directly from the course search page. To see the course search page, select "Main Search" from the navigation bar at the top.





The screenshot shows the top navigation bar of the UCSB Courses Search App. The bar is dark blue with a white UCSB logo on the left. The text "UCSB Courses Search" is in white. To the right, there are links: "Personal Schedules", "Main Search" (highlighted with a red arrow), "Other Searches", and a user profile link "Welcome, cameronbyrne@ucsb.edu". A "Log Out" button is on the far right. Below the navigation bar, there is a white search form with the heading "Welcome to the UCSB Courses Search App!". The form has three input fields: "Quarter" (with "W25" selected), "Subject Area" (with "ANTH - Anthropology" selected), and "Course Level" (with "Undergrad-All" selected). A blue "Submit" button is below the fields. Below the form is a table with the following headers: "Course ID", "Quarter", "Title", "Status", "Enrolled", "Location", "Days", "Time", "Instructor", "Enroll Code", "Info", and "Action".

This will bring you to a page where you can find a list of course offerings related to a desired Quarter, Subject Area, and Course Level. Fill out the three text fields and press the "Submit" button below to see the list of offerings.



This screenshot shows the same search form as the previous one, but with a red arrow pointing to the blue "Submit" button. The navigation bar is also visible at the top.

Various sections offered for each course can be viewed in the dropdown screen for the course, found by clicking the "+" on the right of the table.

Enroll Code	Info	Action
50740		+
50997		+

Clicking the green “Add” button will add that course’s lecture and chosen section to your Personal Schedule.

Welcome to the UCSB Courses Search App!

Quarter:  Subject Area:  Course Level:

Course ID	Quarter	Title	Status	Enrolled	Location	Days	Time	Instructor	Enroll Code	Info	Action
— ANTH 2	W25	INTRO CULT ANTHRO	Open	524/529	IV THEA1	T R	12:30 PM - 1:45 PM	HOELLE J A	50740		—
ANTH 2	W25	INTRO CULT ANTHRO	Full	25/25	ILP 3105	M	8:00 AM - 8:50 AM		50757		<input type="button" value="Add"/>
ANTH 2	W25	INTRO CULT ANTHRO	Full	25/25	GIRV 2115	M	9:00 AM - 9:50 AM		50765		<input type="button" value="Add"/>
ANTH 2	W25	INTRO CULT ANTHRO	Open	24/25	PHelp 2532	M	10:00 AM - 10:50 AM		50773		<input type="button" value="Add"/>
ANTH 2	W25	INTRO CULT ANTHRO	Full	25/25	PHelp 2532	M	11:00 AM - 11:50 AM		50781		<input type="button" value="Add"/>

Students can only be enrolled in one section for each course selection. Sometimes, students wish to switch their desired section from one time to another in order to satisfy their schedule. Previously, switching section times required users to navigate over to their Personal Schedules page and manually delete the section from their schedule with the “Delete” button, then navigating back over to the Search page, as seen below:

UCSB Courses Search

Personal Schedules Main Search Other Searches + [Welcome, scott@ucsb.edu](#)

### Personal Schedules Details

ID	Name	Description	Quarter
7	Spring Quarter	Planning my schedule for spring quarter	S22

### Sections in Personal Schedule

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor	Delete
CMPS 24	07864	0100	PROBLEM SOLVING II	117/131	BUCHN 1920	MW	2:00 PM - 3:15 PM	MIRZA D	<input type="button" value="Delete"/>
CMPS 24	07872	0101	PROBLEM SOLVING II	26/33	PHelp 3525	R	9:00 AM - 9:50 AM	SANKARAN G, NGUYEN L T	<input type="button" value="Delete"/>

Our new change, upon clicking the “Add” button on the course search page, automatically deletes the old section time from a student’s schedule while simultaneously adding the new section, sparing users from having to take additional steps. The successful change is alerted to the user in a popup:

## proj-courses 24-01 release notes

UCSB Courses Search

Personal Schedules Main Search Other Searches Welcome, scottscard@ucsb.edu

Course 07864 replaced old section 07872 with new section 07880

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor	Section ID	Buttons
CHPSC 5B	S22		INTRO DATA SCI 2	Open	33/76	SH 1431	T R 12:30 PM - 1:45 PM	SOLIS S W	59642	+
CHPSC 9	S22		INTERMEDIATE PYTHON	Open	168/175	GIRV 1004	T R 8:00 AM - 9:15 AM	WANG R K	07815	+
CHPSC 24	S22		PROBLEM SOLVING II	Closed	117/131	BUCHN 1920	M W 2:00 PM - 3:15 PM	MIRZA D	07864	-
CHPSC 24	S22		PROBLEM SOLVING II	Open	26/33	PHELP 3525	R 9:00 AM - 9:50 AM	SANKARAN G, NGUYEN L T	07872	+
CHPSC 24	S22		PROBLEM SOLVING II	Open	31/33	PHELP 3525	R 10:00 AM - 10:50 AM	SANKARAN G, NGUYEN L T	07880	+
CHPSC 24	S22		PROBLEM SOLVING II	Open	32/33	PHELP 3525	R 11:00 AM - 11:50 AM	AGUILERA R	59709	+
CHPSC 24	S22		PROBLEM SOLVING II	Open	28/32	PHELP 3525	R 12:00 PM - 12:50 PM	AGUILERA R, JAKALANNANAWA	59717	+
CHPSC 32	S22		OBJ ORIENT DESIGN	Closed	122/125	IV THEA2	M W 12:30 PM - 1:45 PM	MATHI Z A	07898	+
CHPSC 32	S22		OBJ ORIENT DESIGN	Closed	83/125	NH 1006	M W 12:30 PM - 1:45 PM	EMRE M	60194	+
CHPSC 40	S22		FOUNDATION COMP SCI	Open	114/125	NH 1006	T R 2:00 PM - 3:15 PM	MIRZA D	07930	+
CHPSC 99	S22		INDEPENDENT STUDIES	Full					08037	+
CHPSC 99	S22		INDEPENDENT STUDIES	Full				BALKIND J M	84137	+

Students can navigate back to the Personal Schedules page to observe this change. The section information is updated.

UCSB Courses Search

Personal Schedules Main Search Other Searches Welcome, scottscard@ucsb.edu Log Out

### Personal Schedules Details

id	Name	Description	Quarter
7	Spring Quarter	Planning my schedule for spring quarter	S22

### Sections in Personal Schedule

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor	Delete
CHPSC 24	07864	0100	PROBLEM SOLVING II	117/131	BUCHN 1920	M W	2:00 PM - 3:15 PM	MIRZA D	Delete
CHPSC 24	07872	0101	PROBLEM SOLVING II	26/33	PHELP 3525	R	9:00 AM - 9:50 AM	SANKARAN G, NGUYEN L T	Delete

Back

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UCSB Courses Search

Personal Schedules Main Search Other Searches Welcome, scottscard@ucsb.edu Log Out

### Personal Schedules Details

id	Name	Description	Quarter
7	Spring Quarter	Planning my schedule for spring quarter	S22

### Sections in Personal Schedule

Course ID	Enroll Code	Section	Title	Enrolled	Location	Days	Time	Instructor	Delete
CHPSC 24	07864	0100	PROBLEM SOLVING II	117/131	BUCHN 1920	M W	2:00 PM - 3:15 PM	MIRZA D	Delete
CHPSC 24	07880	0102	PROBLEM SOLVING II	31/33	PHELP 3525	R	10:00 AM - 10:50 AM	SANKARAN G, NGUYEN L T	Delete

Back

## (2) Purge job logs

Previously, the job log was very cluttered and grew very long. A simple button was implemented to delete all entries in the job log. This is useful for Admins who want to purge all old logs and start a system to monitor new logs.

The screenshot shows the UCSB Courses Search interface. At the top, there is a navigation bar with the UCSB logo, the text 'UCSB Courses Search', and links for 'Personal Schedules', 'Main Search', 'Other Searches', 'Admin', 'Welcome, scotticards@ucsb.edu', and a 'Log Out' button. Below the navigation bar is a table with job log entries. The table has columns for an ID, a timestamp, a status, and a description of the job. The first entry is ID 14, timestamp 12/5/2024, 17:52:39, status 'running', and description 'Updating UCSB Grade History Data'. The description is truncated and includes a 'See entire log' link. A red arrow points to a 'Purge Job Log' button located below the table. At the bottom of the page, there is a footer with a disclaimer about the app being a class project of CMPSC 116 at UCSB and a link to the source code on GitHub.

ID	Timestamp	Status	Description
14	12/5/2024, 17:52:39	running	Updating UCSB Grade History Data Processing data for year: 20004 Processing data for subjectArea: ABTH Processing data for subjectArea: ABT CS Processing data for subjectArea: ABTHI Processing data for subjectArea: ABTST Processing data for subjectArea: AS AM Processing data for subjectArea: ESD, CS Processing data for subjectArea: EL ST Processing data for subjectArea: BMSE ... <a href="#">See entire log</a>

[Purge Job Log](#)


This app is a class project of CMPSC 116 at UCSB. Check out the source code on [GitHub](#)! This is not an official source of UCSB course information. An official source can be found [here](#).

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## (3) ABILITY TO UPDATE COURSE

It is now possible for admins to update a course and verify the metadata associated with the update. On the "Admin" tab, navigate to "Updates" and view the table containing the subject area, quarter (in QXX format), saved, updated, errors, and date of last update. The update table below is an example of what was expected.

## proj-courses 24-01 release notes

 UCSB Courses Search [H2Console](#) [Swagger](#) [Personal Schedules](#) [Main Search](#) [Other Searches](#) [Admin](#) [Welcome, vzaveri@ucsb.edu](#) [Log Out](#)

Welcome to the UCSB Courses Search App!

Quarter

Subject Area

Course Level

W22

CMPSC - Computer Science

Undergrad-All

[Submit](#)

Users

Updates

Personal Schedules

Load Subjects

Manage Jobs

Developer Info

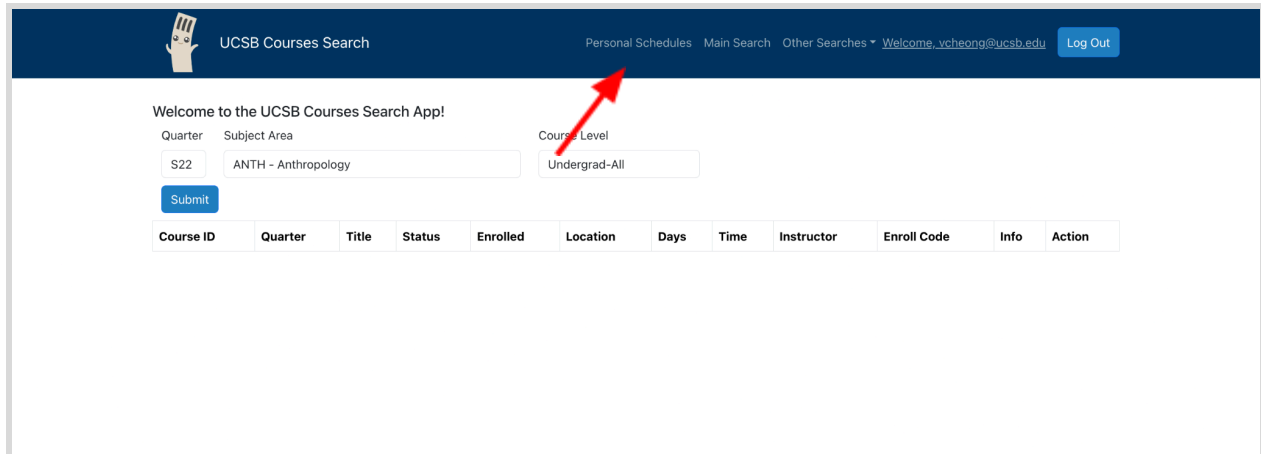
Course ID	Quarter	Title	Status	Enrolled	Location	Days	Time	Instructor	Enroll Code	Info	Action
-----------	---------	-------	--------	----------	----------	------	------	------------	-------------	------	--------

Subject Area	Quarter	Saved	Updated	Errors	Last Update
CMPSC	W23	0	0	0	2023-08-24T10:58:06
PSTAT	S24	2	2	0	2022-01-08T11:00:00
TMP	F20	3	5	1	2024-02-15T09:23:00.360

(4)

### Duplicate PersonalSchedules

Before, users were able to create schedules that had the same name in the same quarter. This feature now removes their ability to do so, ensuring that in each quarter, every single schedule's name is unique.



UCSB Courses Search

Personal Schedules Main Search Other Searches ▾ Welcome\_vcheong@ucsb.edu Log Out

Welcome to the UCSB Courses Search App!

Quarter: S22 Subject Area: ANTH - Anthropology Course Level: Undergrad-All

Submit

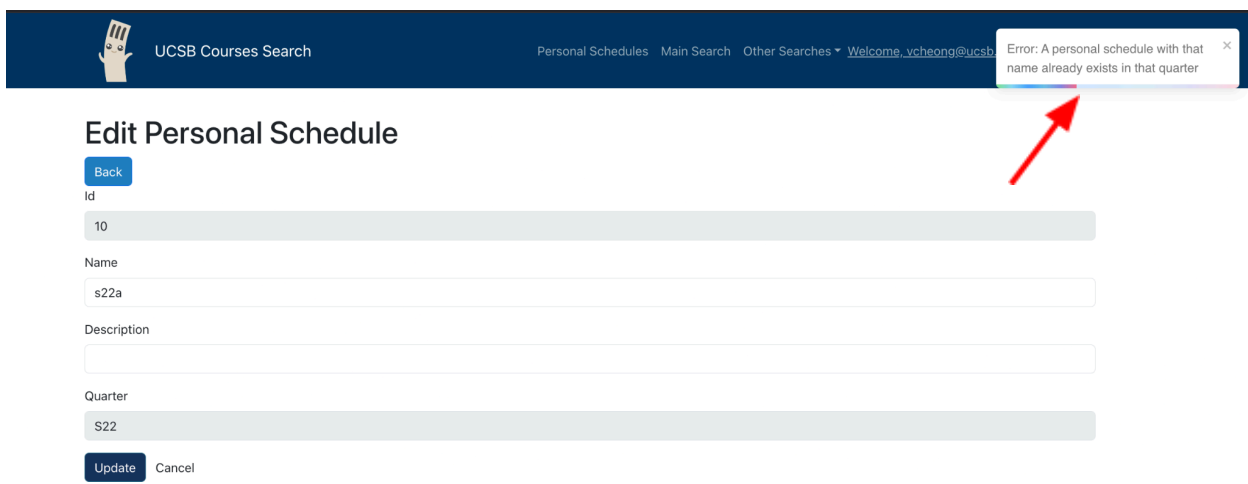
Course ID	Quarter	Title	Status	Enrolled	Location	Days	Time	Instructor	Enroll Code	Info	Action
-----------	---------	-------	--------	----------	----------	------	------	------------	-------------	------	--------

### Personal Schedules

id	Name	Description	Quarter	Details	Edit	Delete
9	s22a		S22	<a href="#">Details</a>	<a href="#">Edit</a>	<a href="#">Delete</a>
10	s22b		S22	<a href="#">Details</a>	<a href="#">Edit</a>	<a href="#">Delete</a>

[Add New Personal Schedule](#)

Let's say that we have two different schedules that have different names, as shown above. Before, the user was able to change one of the schedule's names to become the name of the other schedule, and thus have a duplicate schedule name. However, now we do not allow that and make an error pop up, as shown below:



UCSB Courses Search

Personal Schedules Main Search Other Searches ▾ Welcome\_vcheong@ucsb.edu

Error: A personal schedule with that name already exists in that quarter

### Edit Personal Schedule

[Back](#)

Id: 10

Name: s22a

Description:

Quarter: S22

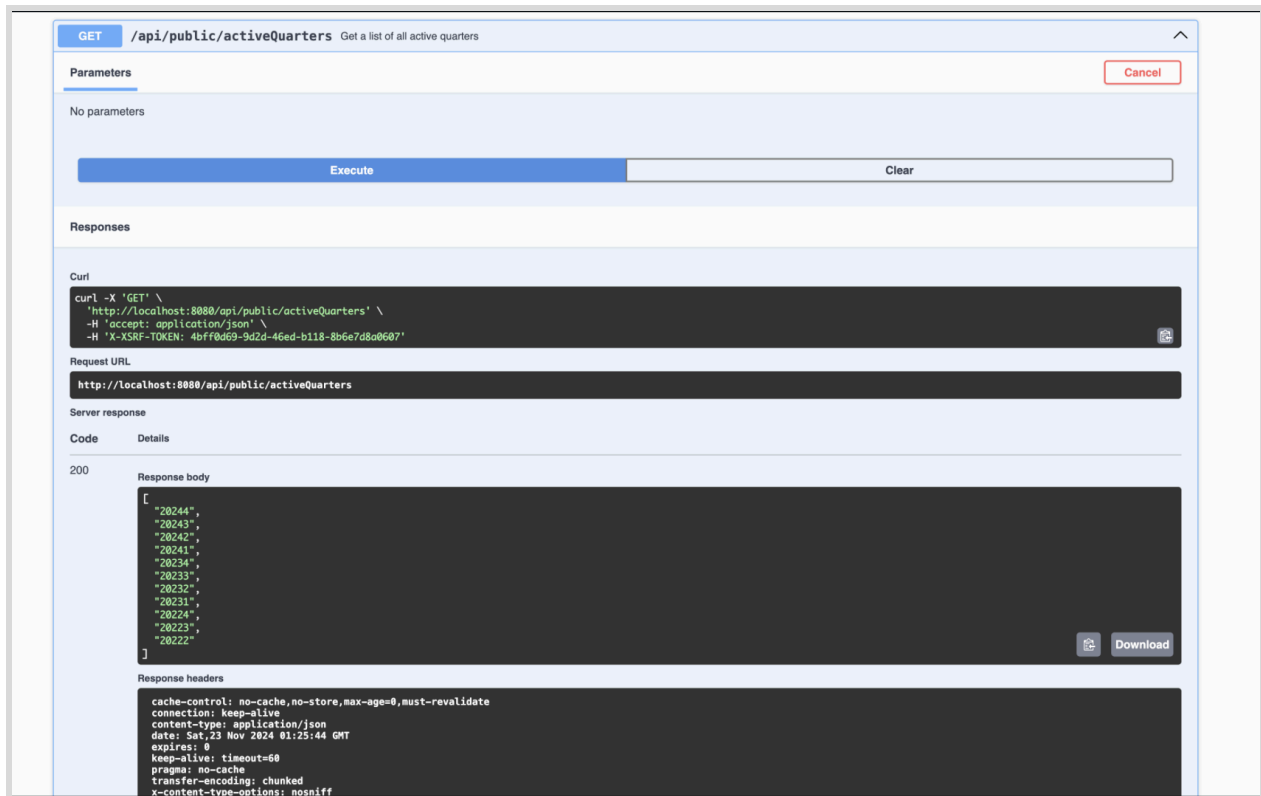
[Update](#) [Cancel](#)

## Implement getActiveQuarterList method

This functionality is completely new to the application and its main purpose is to be able to present all of the active quarters between the chosen current quarter and the chosen end quarter.

Finished the getActiveQuarterList method in the UCSBApiQuarterService file and created an endpoint called activeQuarters in the controllers file. Also created tests for both the getActiveQuarterList method as well as the endpoint

Below is a picture of the component in Swagger as it lists all of the dates until 20244 which was listed in the test file:



## (6) Delete Cluttering in Logs

Something you may not notice in the changes is that we deleted the logs which caused clutter in the log. I made it so that the logs only showed the most vital information and also created tests according to the changes.

This is what we have for this release. Let us know if there are any features you'd like us to prioritize. We care about what features users think are important to our course management tool.

Regards,  
Scott, Vincent, Viraj, Raymond, Junhyung, Cameron