Release Notes, proj-courses, s24-4pm-4

Users:

In this build, we worked on several features associated with user-friendliness, bugs, and navigation. Previously, users were forced to access a separate course whenever they wanted to modify their personal sections. This build addresses this issue by including a delete button directly in the personal sections table so that users do not have to navigate to a separate page to remove courses they no longer want. One bug that got fixed was when a user would be able to add courses to schedules with different quarters. For example, a user can add a course from F22 to their F24 schedules. This build corrects the logic so that users can have a more intuitive experience.

- Added past grade distribution history for a specific course in the Course Details page.
 - Displayed through a table sorted in chronological and reverse grade order (earlier course grade history and higher grades would appear first) with the session (quarter and year), the instructor, and the amount of grades received
- Improved user experience for course history search feature.
 - Previously prefixes like CS130A would not work because of the CS prefix. Now changed to work with prefixes, which CS130A and 130A return the same results.
- Added delete button in personal schedules page and removed the courses page as it is no longer needed
- Previously, there was a bug that allowed users to add classes to their personal schedules with the wrong quarter. This bug is now patched.
 - Users will only be able to view and add classes to their personal schedules if the quarters match.
 - Otherwise, users will be able to click a link that will direct them to create a new personal schedule.
- Change to the home page where the default search quarter is the most recent quarter.

Developers:

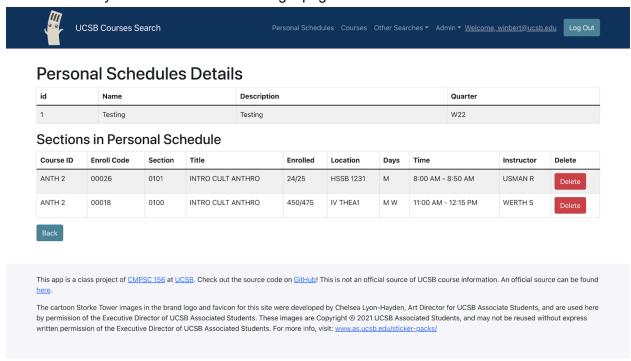
We have added new features to help streamline the development process for the app:

- The admin jobs now include a frontend implementation for the grade data job. Accessing the Swagger endpoint is no longer necessary for this job.
- Added a storybook for the new CourseGradeDistTable component displaying gradeDistFixtures
- QOL changes where new .env variables; Swagger Link and H2 Console are now able to be changed from the .env file.

- Small change in main html file that changed the previous website title from React App to UCSB Courses App.
- Default quarter for the home page starts at the last item in the quarter array. Done to give the most recent quarter for the default quarter.
- Added a function to PersonalScheduleUtils that filters schedules to match the quarter inputted.

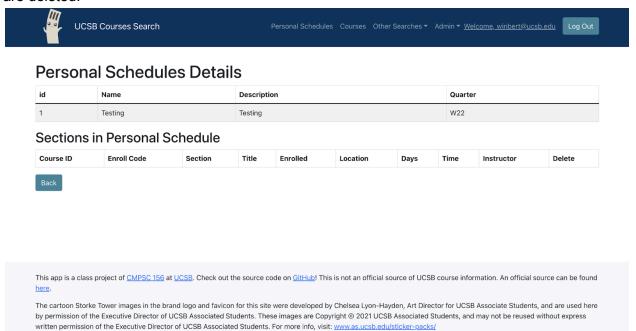
Features added in version s24-4pm-4

- There is now a place for users to **delete a course** directly from the **personal sections schedule details page**. Previously, users had to navigate to the courses tab to delete courses but they can now do so from a single page.



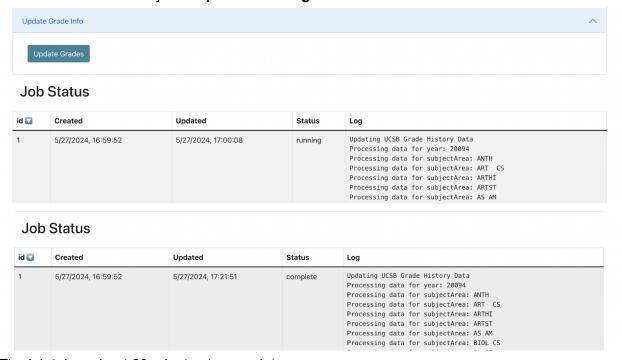
After pressing the delete button the course with both lecture and any associated sections

are deleted.



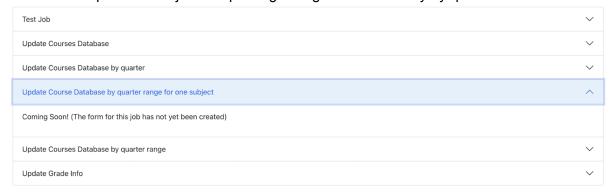
Future developers should look into consolidating and refactoring PersonalSectionsController.java into a single PSCourseController.java and all associated tests.

There is now a frontend job to update course grade data:



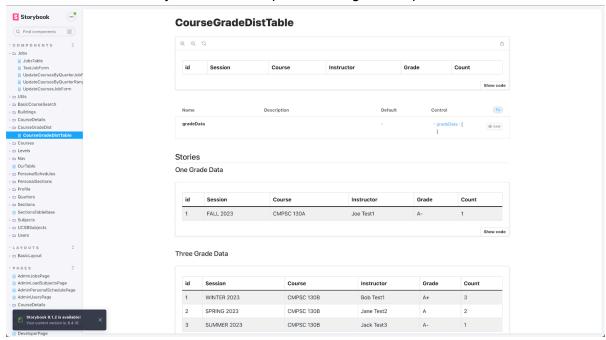
The job takes about 20 minutes to complete.

- There is now a placeholder job for updating a single course history by quarter.

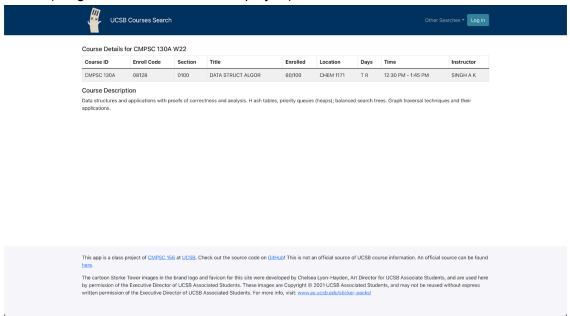


Future developers should consider implementing the frontend form for this job.

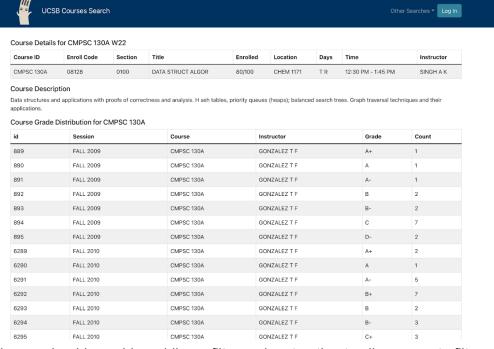
- Utilized unused api endpoint "/api/gradehistory/search", which is populated by the previously unused job "api/jobs/launch/uploadGradeData"
 - Implemented CourseGradeDist component that takes on the form of a table displaying the api data (data goes through minor processing, such as processing the yyyyq into its Q YYYY counterpart; e.g. 20221 => Winter 2022)
 - Created fixtures and storybook for development testing on component



 Updated Course Details page (the page when you click the info button for a specific course) Before (No grade distribution data displayed):



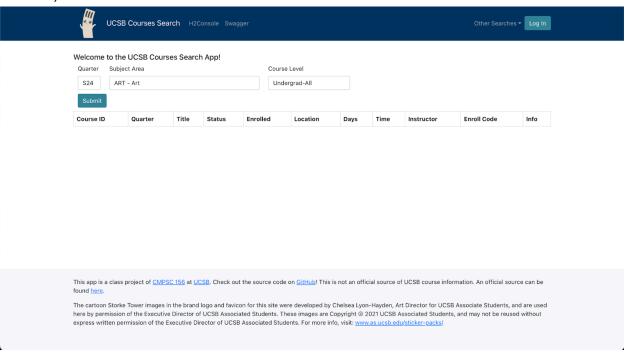
After (Grade distribution data displayed):



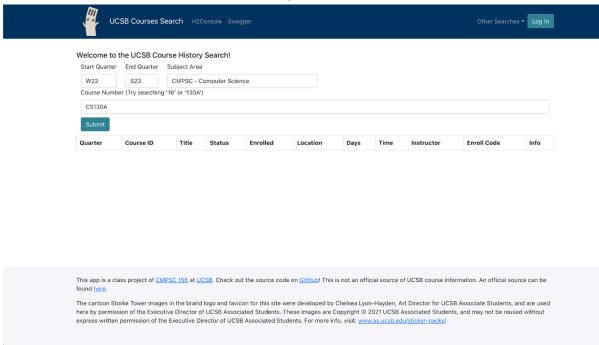
Future developers should consider adding a filter and sort option to allow users to filter and sort the table (for instance sort from latest to oldest). Future developers should also consider revamping the UI, potentially even scraping the table component and creating a frontend layout that displays the grade distribution data in a more useful manner such as a graph.

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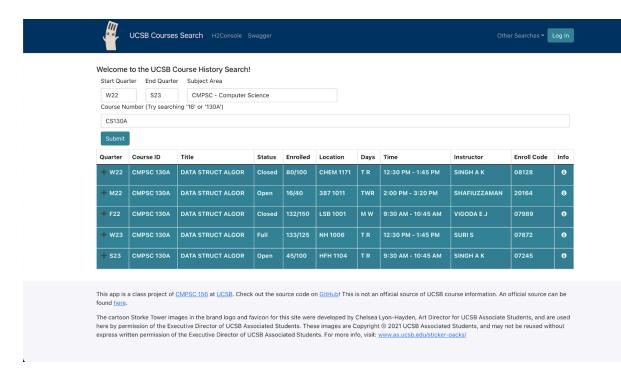
Home page default quarter is now most recent quarter (Based on .env EndQtr variable)



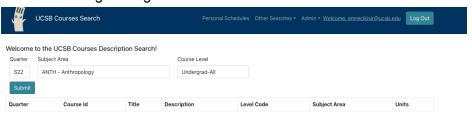
- Course History Search Feature now allows for prefixes in the search
 - Before prefix searches would return nothing



After prefix searches return the same results as non-prefix searches.



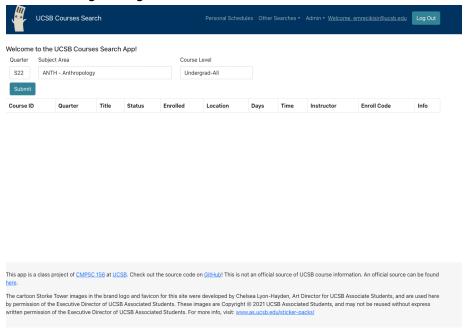
- UCSB Courses Search logo is now a button that directs you to the main page.
 Previously there was no way to go back to the main course search page after going through different pages of the application. This gives a way for the users to go back to where they started.
 - Before clicking the logo:



This app is a class project of CMPSC 156 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 bece.

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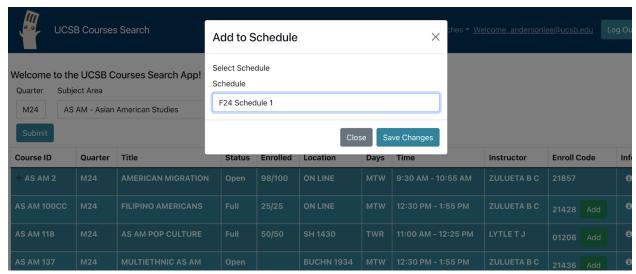
- After clicking the logo:



Bug Fixes:

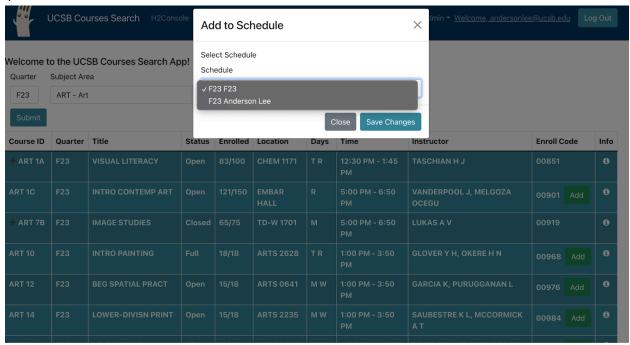
Fixed a bug that allowed users to add courses to their personal schedules even if the quarters don't match:

Before: The user is searching for M24 classes but can add this course to their F24 Personal Schedule.

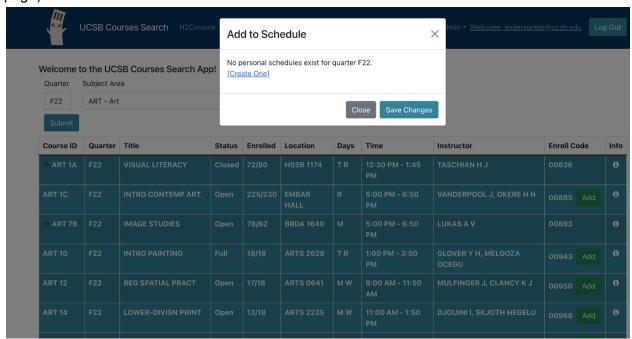


After:

If quarters match: Users can add this course to any of their personal schedules with matching quarters.



If quarters don't match: Users will not be able to add this course to any of their personal schedules. They have the option to create a new personal schedule by clicking the "Create One" hyperlink which redirects them to the create person schedule url. (Screenshot on next page)



- Fix, where the title of the website page was just **React App**. Was not descriptive or helpful on what the application was about. Title now changed to **UCSB Courses App**, which is related to the app's purpose.

