

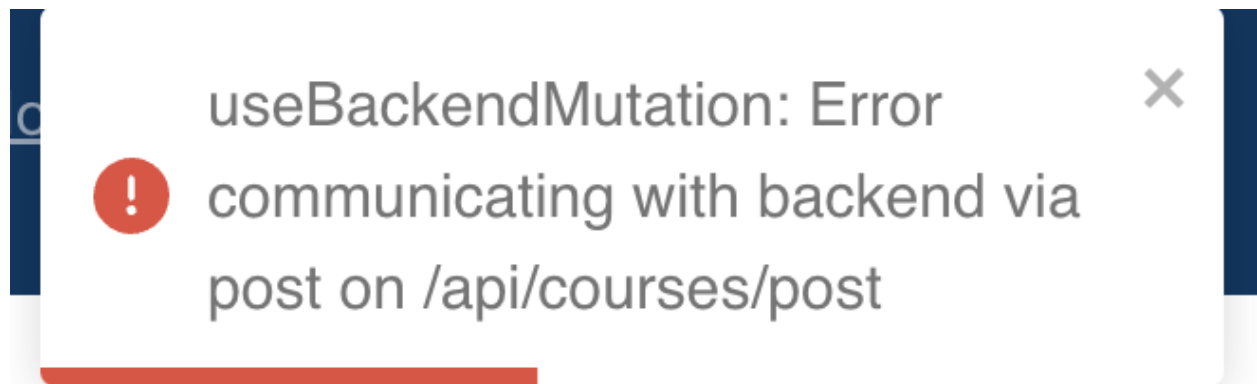
# Release Notes, proj-courses, f24-02

## Changes for General Users

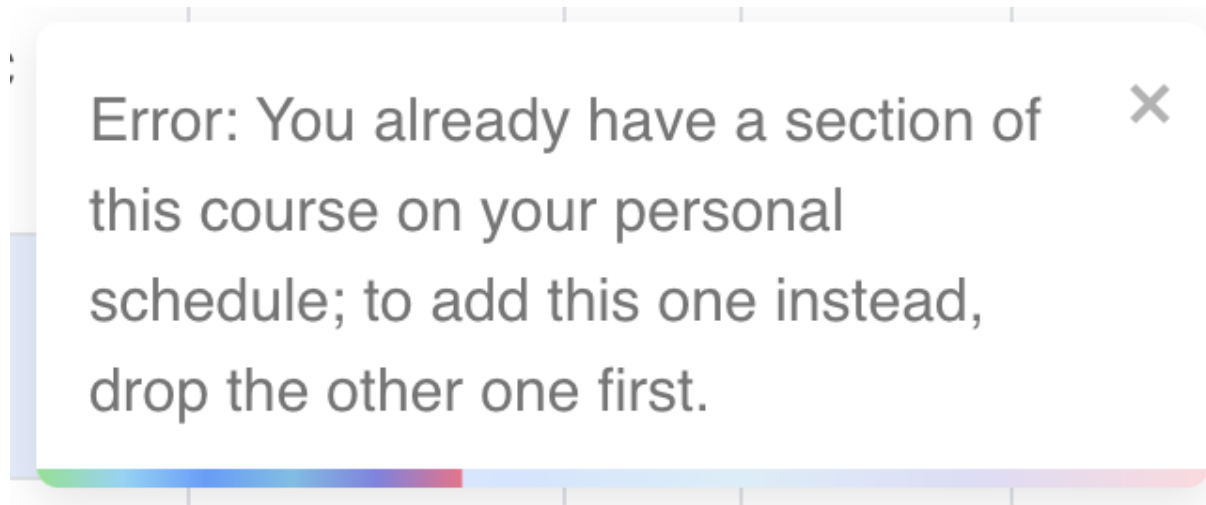
In personal schedules, descriptions are no longer necessary to add a new personal schedule. Documentation available at [PR 15](#).

### *Bug Fix*

Previously, when a user tries to add a section of a course to a personal schedule that already contains a different section of the same course, they would be greeted with an unhelpful, failure-esque error message. The message is as seen below:



Although this is intended behavior, we want to inform the user what the issue was and have a proper error message. After [PR #18](#), the user now receives a helpful error message that informs them that adding two sections for the same course is not allowed. The new error message is as follows:



Additionally through an oversight, users were previously able to create multiple schedules in the same quarter with identical names by first creating schedules with

different names and then editing them to have the same name, but this is now impossible as of PR#12.

## Changes for Admins

### Frontend

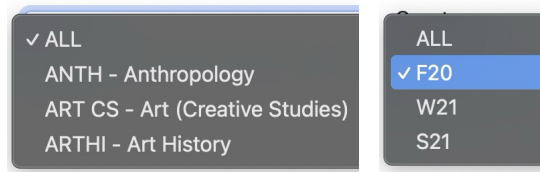
A new page should be available under the “Updates” tab within the Admin dropdown that’s available within the site’s NavBar. At the moment, a placeholder page is set up for Updates. The documentation for the placeholder page can be found at [PR #27](#).

In the future, this page should allow developers to get an overview of all changes made to courses and/or subject areas. Updates will be populated into a table component, similar to what’s below. Documentation is available at [PR #31](#).

Users  
Updates  
Personal Schedules  
Load Subjects  
Manage Jobs  
Developer Info

Subject Area	Quarter	Saved	Updated	Errors	Last Update
GRAD W	F24	0	0	0	2024-11-10T02:37:30.677
IQB	F24	11	36	0	2024-11-10T02:37:30.467
W&L CSW	F24	0	0	0	2024-11-10T02:37:26.354

Selecting what populates into the table is possible through dropdowns, which allows developers to select a range of quarters (or ALL quarters), alongside a specific subject area to query for (or ALL subject areas). The modifications made to the components of these dropdowns are mindful of previous uses for these dropdowns, so no issues should arise. Documentation can be found at [PR #34](#).



Additionally, it is currently an issue that when launching many jobs, the log messages take over the screen and become overwhelming. To partially alleviate this, a new job has been added to the Manage Jobs page which clears all job logs on screen.

#### Job Status

id	Created	Updated	Status	Log
12	12/5/2024, 16:34:06	12/5/2024, 16:34:06	complete	
11	12/5/2024, 16:34:00	12/5/2024, 16:34:17	running	Updating UCSB Grade History Data Processing data for year: 20094 Processing data for subjectArea: ANTH Processing data for subjectArea: ART CS Processing data for subjectArea: ARTHI Processing data for subjectArea: ARTST Processing data for subjectArea: AS AM Processing data for subjectArea: BIOL CS Processing data for subjectArea: BL ST Processing data for subjectArea: BMSE Processing data for subjectArea: C LIT Processing data for subjectArea: CH E Processing data for subjectArea: CH ST Processing data for subjectArea: CHEM CS Processing data for subjectArea: CHEM Processing data for subjectArea: CHIN Processing data for subjectArea: CLASS Processing data for subjectArea: CMPS


# Launch Jobs

Test Job

Clear Job Logs

Clear

## Job Status


id 	Created	Updated	Status	Log

# BackEnd

## Controllers

[PR #22](#): Adds a GET method by id to retrieve a specific job by id. This was not included in the legacy repo other than a GET all function. This reduces the need for frontend filtering of all the jobs to get the desired job. Used in loading a single log if lines exceed 10 lines.

## Job Status

ID 	Created	Updated	Status	Log
3	12/4/2024, 11:22:38	12/4/2024, 11:23:08	running	Updating UCSB Grade History Data Processing data for year: 20094 Processing data for subjectArea: ANTH Processing data for subjectArea: ART CS Processing data for subjectArea: ARTHI Processing data for subjectArea: ARTST Processing data for subjectArea: AS AM Processing data for subjectArea: BIOL CS Processing data for subjectArea: BL ST Processing data for subjectArea: BMSE  ... <a href="#">[See entire log]</a>

After creating a new job, we see its ID is 3. This can then be queried to the new GET jobs controller, which will only return the job that was queried.



## Job Logs

### PR #30:

- Reduced clutter from updating job logs. Originally, the logs listed unnecessary update information such as data stale status, number of class sections found, a database status indicator, and an update completion message. Now, the previously mentioned unnecessary job log information has been eliminated in order to provide a more streamlined job log. Before-and-after examples based on updating F23 CMPSC courses are below:
  - Before:

Unset

```
Updating courses for [CMPSC 20234]
Found 233 sections
Storing in MongoDB Collection...
0 new sections saved, 233 sections updated, 0 errors, last update:
2024-12-05T20:18:57.592897769
Saved update: Update(_id=67520ab15843862a2878a967, subjectArea=CMPSC,
quarter=20234, saved=0, updated=233, errors=0,
lastUpdate=2024-12-05T20:18:57.592897769)
Courses for [CMPSC 20234] have been updated
```

- After:

Unset

```
Updating courses for [CMPSC 20234]
0 new sections saved, 233 sections updated, 0 errors, last update:
2024-12-05T20:22:55.913971519
Saved update: Update(_id=67520b9f89fc2851e08410b8, subjectArea=CMPSC,
quarter=20234, saved=0, updated=233, errors=0,
lastUpdate=2024-12-05T20:22:55.913971519)
```

## Testing

### PR #15

Removed form description requirement error. Removed frontend test that

## Stryker

### PR #14:

- **Improved Test Coverage:** Added a new test to ensure all columns in `SectionsInstructorTable.js` have `disableGroupBy` set to `true`. This enhances reliability and enforces the expected behavior for table column configurations.
- **Stryker Testing Coverage:** Re-enabled Stryker mutation tests for this area of the codebase by addressing the previous gap in test coverage. The new test resolves issues that had disabled Stryker checks, further strengthening the robustness of our testing suite.

## *Frontend Developer Note:*

PR #28:

- Added `SingleButtonJobForm` component for use in the Admin Page. This component simplifies adding admin jobs which just need to be launched with a button rather than taking any actual form arguments