

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Improved Peer Review in CourseLib

The Capstone Experience

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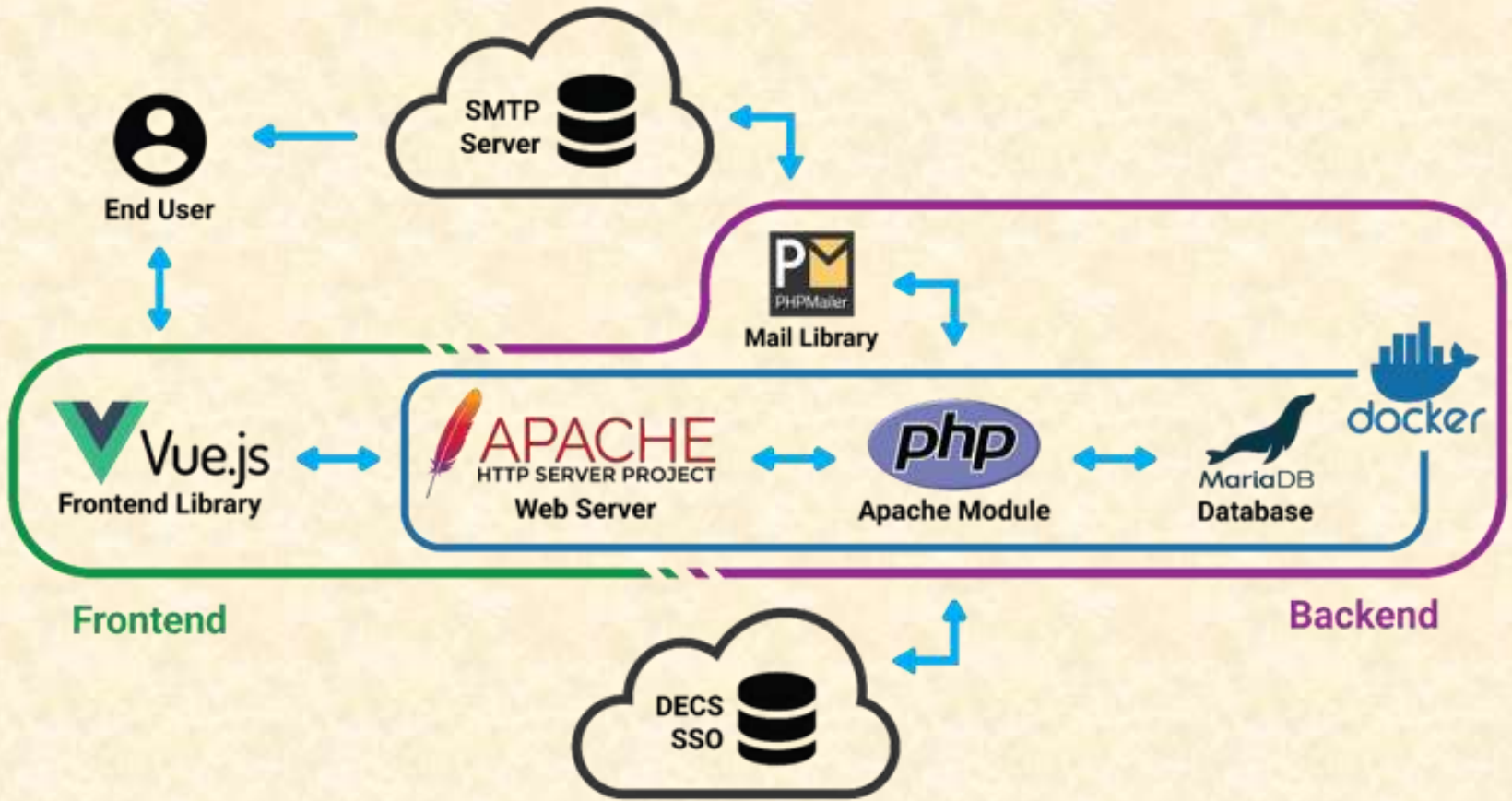
*From Students...
...to Professionals*

Project Overview

- CourseLib is currently in use by MSU CSE
- Create better administrative controls
- Improve timing of email notifications for review assignments
- Allow chatting between reviewer/reviewee
- Implement diagram markup for enhanced peer reviewing



System Architecture



Review Admin Page

The screenshot displays the 'Review Admin Page' for the CSE335 Course Console: Design 2 Reviewing. The page header includes the Michigan State University logo and navigation tabs for 'Main', 'Grading', and 'Management'. Below the header, there is a 'Send Reminders' button and a dropdown menu for 'Assign Reviews' set to '2'. The main content is a table with the following columns: Reviewee, Reviewer, Name, User ID, reviewee, reviewee, reviewer, and reviewer. The table lists 20 rows of review assignments, each with a plus and minus icon in the first two columns. The data in the table is as follows:

Reviewee	Reviewer	Name	User ID	reviewee	reviewee	reviewer	reviewer
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington
arrington	arrington	arrington	arrington	arrington	arrington	arrington	arrington

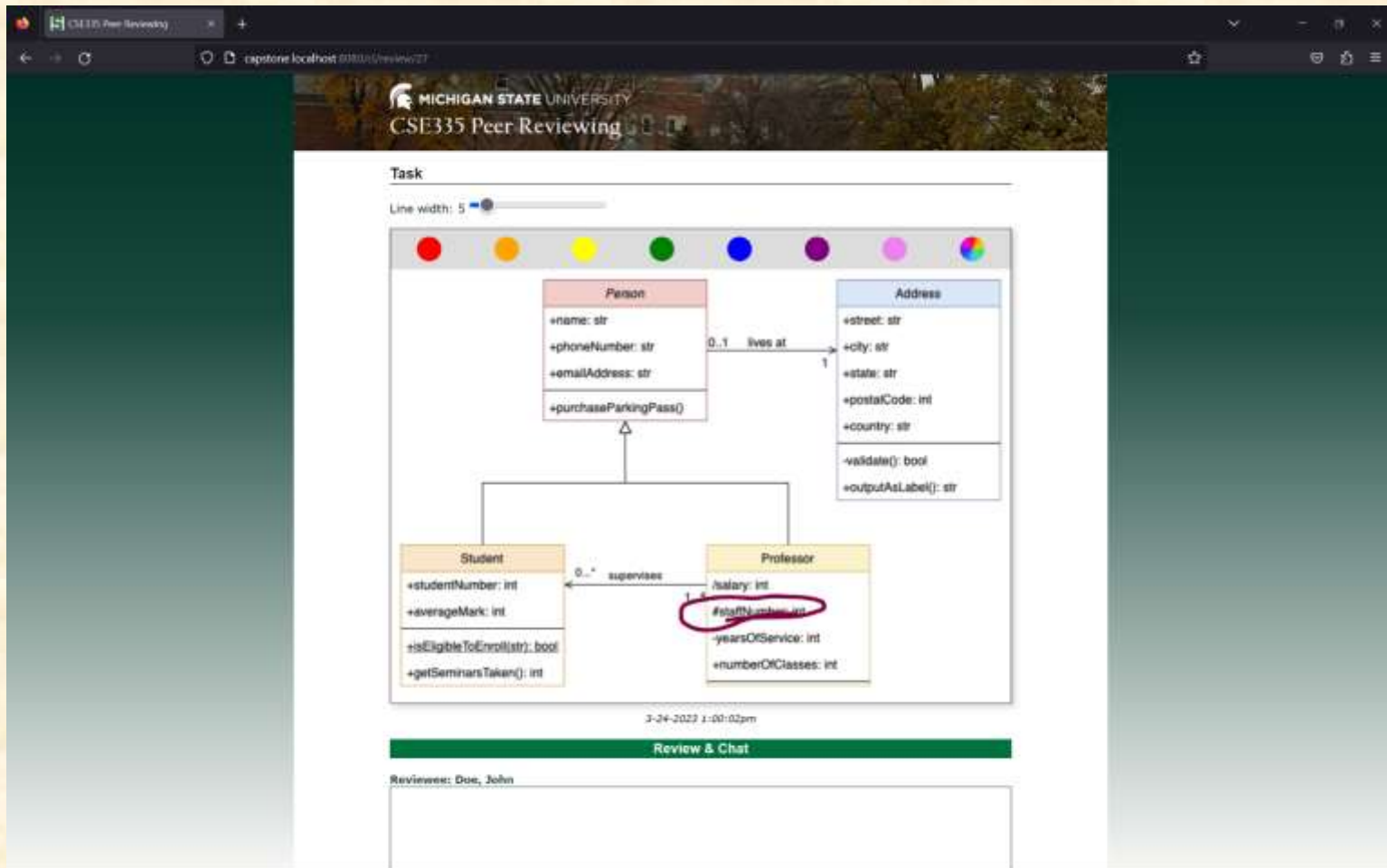
Review Admin Page Sorting Features

The screenshot shows the 'CSE335 Course Console: Design 2 Reviewing' page. At the top, there are navigation tabs for 'Main', 'Grading', and 'Management'. Below the navigation is a dropdown menu for 'Assign Reviews' set to '2'. The main content is a table with columns for review status, reviewer, name, user ID, reviewee, reviewee, reviewer, and reviewee. Each row has a set of sorting icons (plus and minus signs) in the first two columns.

Reviewee	Reviewer	Name	User ID	reviewee	reviewee	reviewer	reviewer
+	-	Alex, Dean	artat			artat@msu.edu	guffars@msu.edu
+	-	Caith, Sara	cauthers	kingarp@msu.edu		mcauld@msu.edu	roosa@msu.edu
+	-	David, Bob	dbd	subraman@msu.edu		mcauld@msu.edu	
+	-	Sam, Subraman	subraman	pack@msu.edu		artat@msu.edu	kingarp@msu.edu
+	-	Alexandra, Aronson	aronsona	stafford@msu.edu	mettingva@msu.edu	burdick@msu.edu	
+	-	Burck, Al	burdickal	mettingva@msu.edu	artat@msu.edu	guffars@msu.edu	
+	-	Cooper, Bill	cooper11	janer@msu.edu	swafford@msu.edu	dodjohn@msu.edu	pack@msu.edu
+	-	Doc, John	dodjohn1	custnr12@msu.edu	swafford@msu.edu	gross@msu.edu	pack@msu.edu
+	-	Guff, Jared	guffars	burdick@msu.edu	artat@msu.edu	artat@msu.edu	janer@msu.edu
+	-	Gross, Kevin	grossk	dodjohn@msu.edu	pack@msu.edu	kingarp@msu.edu	
+	-	James, Lucas	janer	artat@msu.edu	guffars@msu.edu	cooper11@msu.edu	swafford@msu.edu
+	-	Khosla, Ganesh	khosga	subraman@msu.edu	gross@msu.edu	cauthers@msu.edu	
+	-	Leather, Colton	leatherc	roosa@msu.edu	mcauld@msu.edu	stafford@msu.edu	mettingva@msu.edu
+	-	Mehdiya, Ramo	mettingva	stafford@msu.edu	leatherc@msu.edu	burdick@msu.edu	aronsona@msu.edu
+	-	Micaela, Larra	mcauld	pack@msu.edu	cauthers@msu.edu	roosa@msu.edu	roosa@msu.edu
+	-	Oliver, Deven	oliverd	mcauld@msu.edu	roosa@msu.edu	stafford@msu.edu	leatherc@msu.edu
+	-	Pack, Justin	packj	dodjohn@msu.edu	cooper11@msu.edu	subraman@msu.edu	gross@msu.edu
+	-	Rosa, Ad	roosa	mcauld@msu.edu	cauthers@msu.edu	roosa@msu.edu	leatherc@msu.edu
+	-	Scott, Joseph	scottj	guffars@msu.edu	artat@msu.edu	janer@msu.edu	swafford@msu.edu
+	-	Stafford, Matthew	stafford	mcauld@msu.edu	leatherc@msu.edu	mettingva@msu.edu	aronsona@msu.edu
+	-	Swafford, Luke	swafford	artat@msu.edu	janer@msu.edu	dodjohn@msu.edu	cooper11@msu.edu



Diagram Annotation



Reviewee Chat and Annotation Shown

The screenshot shows a web browser window with a chat interface and a UML class diagram. The chat interface has three messages:

- Message 1: "This shouldn't be a protected variable." (9 min ago)
- Message 2: "Should it be a private variable?" (3 min ago)
- Message 3: "No it should be a public member variable." (2 min ago)

Below the chat is a "Send" input field. The UML class diagram shows the following classes and relationships:

- Person** (Base Class):
 - Attributes: +name: str, +phoneNumber: str, +emailAddress: str
 - Method: +purchaseParkingPass()
- Student** (Subclass):
 - Attributes: +studentNumber: int, +averageMark: int
 - Methods: +isEligibleToEnroll(str): bool, +getSeminarsTaken(): int
- Professor** (Subclass):
 - Attributes: +salary: int, +staffNumber: int (circled in blue), -yearsOfService: int
 - Method: +numberOfClasses: int
- Address** (Associated Class):
 - Attributes: +street: str, +city: str, +state: str, +postalCode: int, +country: str
 - Methods: -validate(): bool, +outputAsLabel(): str

Relationships:

- Person** (0..1) lives at **Address** (1)
- Person** is inherited by **Student** and **Professor**
- Professor** (1) supervises **Student** (0..*)



What's left to do?

- Features
- Stretch Goals
 - Add text boxes to diagram annotation
 - Allow admins to enable/disable chat anonymity
 - Send annotation without chat
- Other Tasks
 - Fix any UI bugs
 - Write more tests to ensure code works in future



Questions?

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