Sprint 3 Retrospective

Timespan: 3/3 - 3/21

Team Contribution:

Team Member Name	Fair Share Percentage
Evan Wu	22%, 7 points
Jasmin Pena	19%, 4 points
Haodong Luo	25%, 6 points
Xiaoyun Chu	19%, 4 points
Adnan Moheddin	15%, 4 points

Sprint goal:

Integrate Google OAuth, implement search function, peer teacher management, update the UI for a cleaner look ……
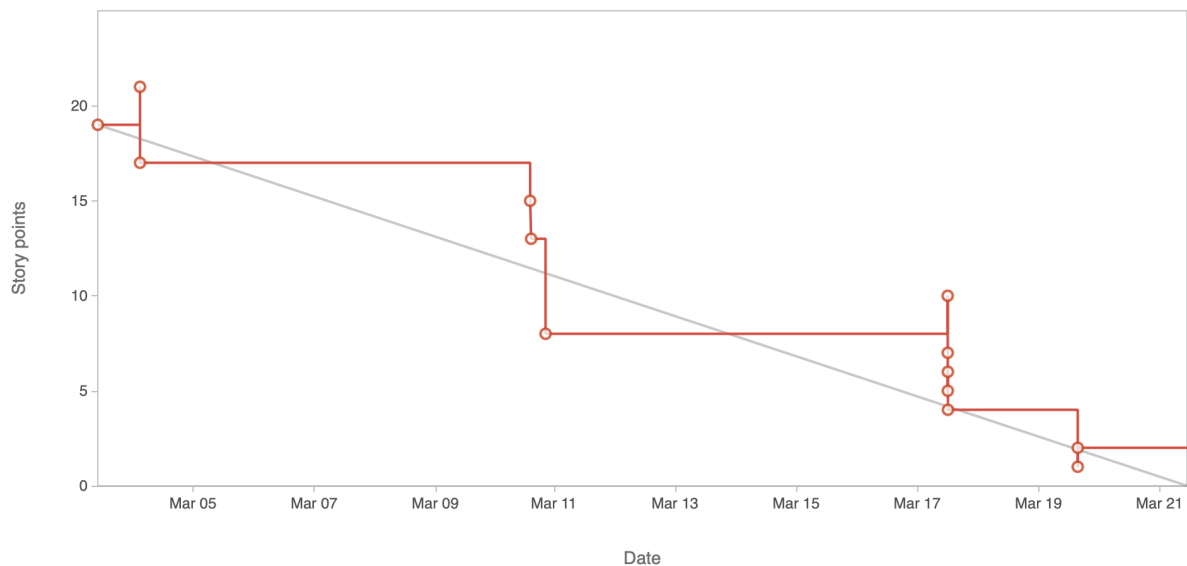
Sprint Achievements:

Implemented a search function to search for values across all columns in the student table. We implemented the Google OAuth as well as the functionality to add/remove users to the Google OAuth. Redesigned the database as well as reimplemented the unit tests.
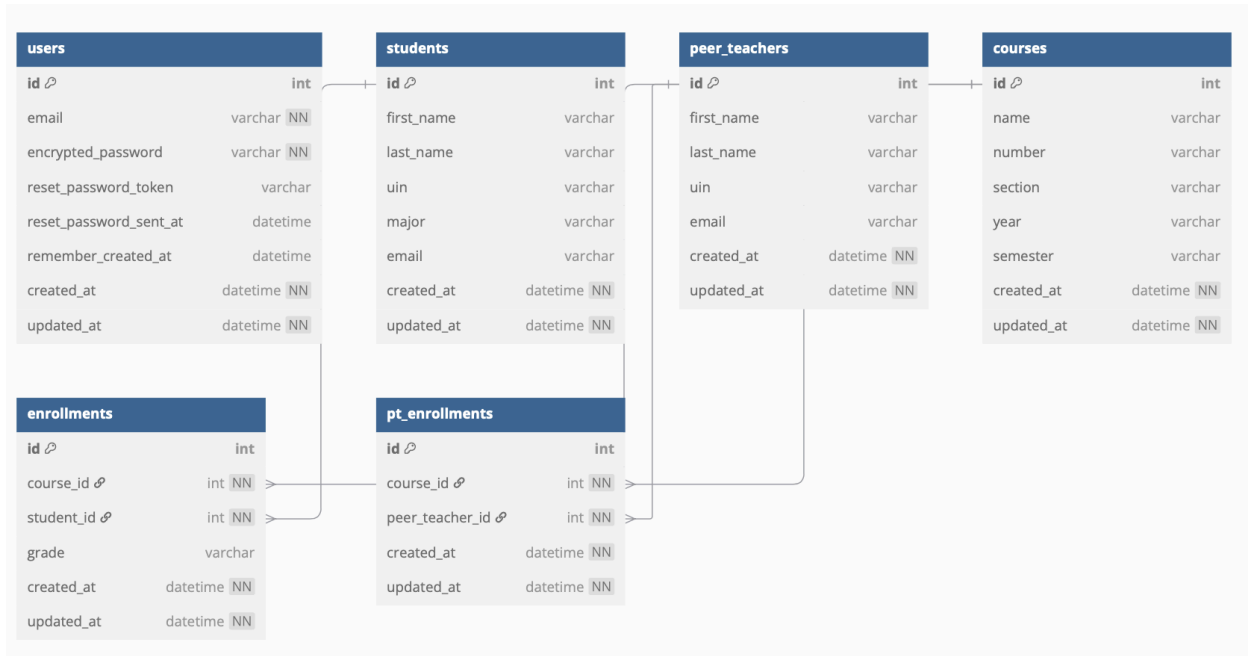
Sprint Backlog and Status:

☐ ⌄ **SCRUM Sprint 3** 3 Mar – 21 Mar (10 issues)			0 2 23	Complete sprint	⋯

Our goal for this sprint is to refactor the database tables so that our data will be more manageable and clean. We will also add basic search functionality so users can easily find …

☑ SCRUM-22	Update views for peer teachers	DONE ⌄	2	C
☑ SCRUM-19	Refactor database to update design of the database.	DONE ⌄	5	E
☑ SCRUM-20	Integrate Google OAuth with the application	DONE ⌄	4	H
☑ SCRUM-21	Search function	DONE ⌄	3	A
☑ SCRUM-23	Add CRUD functionality for peer teachers	DONE ⌄	3	J
☑ SCRUM-24	Help with Model update and testing	DONE ⌄	2	E
☑ SCRUM-25	Create Cucumber and Rspec tests for OAuth system	DONE ⌄	2	H
☑ SCRUM-26	Testing new views and buttons	DONE ⌄	2	C
☑ SCRUM-27	Test PT enrollment	IN PROGRES...	1	J
☑ SCRUM-28	Test search function	IN PROGRES...	1	A

Burndown:

Design diagrams:

Documentation of changes:

We redesigned the entire database and redid all tests that were dependent on the database. Apart from the database change, we just implemented and added on more features.

Evaluations of code and test quality:

| All Files (95.42%) | Controllers (94.2%) | Channels (100.0%) | Models (100.0%) | Mailers (100.0%) | Helpers (100.0%) | Jobs (100.0%) | Libraries (100.0%) |

Ungrouped (100.0%)

All Files (95.42% covered at 2.0 hits/line)

31 files in total.
262 relevant lines, **250** lines covered and **12** lines missed. (95.42%)

Search: | |

File	% covered ▲	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
🔍 app/controllers/pt_enrollments_controller.rb	**68.97 %**	64	29	20	9	1.38
🔍 app/controllers/rosters_controller.rb	**85.71 %**	31	21	18	3	1.33
🔍 app/controllers/application_controller.rb	**100.00 %**	3	2	2	0	2.00
🔍 app/controllers/courses_controller.rb	**100.00 %**	68	30	30	0	2.37
🔍 app/controllers/enrollments_controller.rb	**100.00 %**	64	29	29	0	2.38
🔍 app/controllers/home_controller.rb	**100.00 %**	5	3	3	0	2.00
🔍 app/controllers/peer_teachers_controller.rb	**100.00 %**	67	31	31	0	2.39
🔍 app/controllers/students_controller.rb	**100.00 %**	64	29	29	0	2.38
🔍 app/controllers/users/omniauth_callbacks_controller.rb	**100.00 %**	31	12	12	0	1.17
🔍 app/controllers/users_controller.rb	**100.00 %**	38	21	21	0	2.10
🔍 app/helpers/application_helper.rb	**100.00 %**	2	1	1	0	2.00
🔍 app/helpers/courses_helper.rb	**100.00 %**	2	1	1	0	2.00
🔍 app/helpers/enrollments_helper.rb	**100.00 %**	2	1	1	0	2.00

[Code Climate Report](#)

Steven7zzz/CSCE-606-SP2025-Purple-Professor-Student-Tracker ⌀

Overview   Progress   Issues   Code   Filters   Trends

Last ⑂ main build 3 mins ago   ↻ Refresh

Breakdown

150 FILES

MAINTAINABILITY

TEST COVERAGE

Codebase summary

MAINTAINABILITY

B 4 hrs

TEST COVERAGE

☂

Repository stats

CODE SMELLS	DUPLICATION	OTHER ISSUES
1	10	0

<u>Customer Meeting</u>:

We met with our customer 3/21 at 2:45 pm demoed our progress and discussed future steps

<u>BDD & TDD</u>:

```
Coverage report generated for Cucumber, RSpec to /Users/steven/Desktop/CSCE-606-SP2025-Purple-Professor-S
tudent-Tracker/coverage.
Line Coverage: 95.42% (250 / 262)
```