Milestone Five Progress Evaluation

Project Title: Student Code Online Review and Evaluation 2.0
Names and email addresses of team members:
Dorothy Ammons dammons2022@my.fit.edu
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Faculty advisor from CSE: Raghuveer Mohan, rmohan@fit.edu
Client name and affiliation: Raghuveer Mohan, CSE Professor

Task	Dorothy	Patrick	Shamik	Rak	To Do
1. Complete Google Cloud Run Hosting	100%	0%	0%	0%	This was completed however, once some updates were pushed to the project, the MiB of ram allowed was exceeded, we need to discuss other options
2. Work with our advisor to demo a release into classrooms	0%	0%	0%	0%	Resolve hosting issues
3. Test and correct bugs and security concerns	90%	0%	0%	0%	Fix add students function, fix multiple assignments per class and test
4. Complete C.O.P.S	0%	100%	0%	0%	
5. Complete AI detection	0%	0%	0%	0%	
6. Add export grades functionality/finish import	90%	0%	10%	0%	
7. Create Senior Design poster	0%	0%	80%	0%	

Tasks

1. This task's goal was to complete the hosting set up process with Google Cloud Run. This was successful initially after containerizing the project and completing the remainder of the setup process. However, after applying some needed bug fixes and security changes, the RAM usage allowed for the free tier was exceeded. Our next steps need to explore paid options or turning the web app into a downloadable application.
2. This task involved extensive testing with the web application features. Rubric functionality, file size limits, and every page on every button was tested and found errors were corrected. This includes but is not limited to: fixing the late penalty given from the rubric, fixing the time zone issues with the assigned date and submitted date, fixing the display bug with description briefs and storing full sized descriptions in the storage bucket, fixing the grade portal on the professor side, fixing the view assignment page on the professor side, and removing unnecessary clutter from some of the assignment creation pages.
3. This task involved completing all remaining implementations of the AI detection functionality.
4. This task involved completing all remaining implementations of the C.O.P.S functionality.
5. This task involved adding a button on the grading portal to allow for the download of student grades on an assignment. The downloaded CSV is stylized to be uploaded to a Canvas assignment.
6. This task also involved shifting the button to view the roster from the assignment dashboard to the grading portal. The roster is fetched for the course, then matches grade entry to a student in that roster. If the student is shown in the roster but not on submission past the due date for a long period, the professor gives them zero on the grade entry.

Contributions

Dorothy Ammons: Dorothy finalized all of the Google Cloud hosting processes, including the containerization of the project and uploads to the server. While she was correcting the list of bugs and security concerns she came across the RAM issue and researched alternatives. The list of fixes is as follows: fixing the late penalty given from the rubric, fixing the time zone issues with the assigned date and submitted date, fixing the display bug with description briefs and storing full sized descriptions in the storage bucket, fixing the grade portal on the professor side, fixing the view assignment page on the professor side, and removing unnecessary clutter from some of the assignment creation pages. She also added the export grades feature.

Shamik Bera: Shamik created the Milestone Five Evaluation document, Senior Design Showcase poster, and the presentation slides. He moved the functionality for viewing the roster to the grading portal from the course dashboard. He modified the grading portal file to merge the grades with the roster using the students' information. He also made some changes to the roster file to ensure that the roster data is passed by the grading portal and accepts the roster prop. He fixed the list of students in an array from data to match the exact response shape.

Patrick Kelly: Patrick focused on the development and integration of the C.O.P.S (Code Originality and Plagiarism System) functionality within the project. This involved working on the backend logic to compare student submissions and generate similarity scores between files. He implemented the similarity matrix system, which analyzes each student's submission against others and produces a structured output that can be used by the frontend for visualization. Patrick also contributed to testing and improving the reliability of the system when handling multiple submissions, ensuring that the comparison process works correctly with different file sizes and formats. Additionally, he assisted with debugging issues related to data handling and API responses, making sure the system returns consistent and usable results.

Rakan Alsharif:

Next Milestone

Task	Dorothy	Patrick	Shamik	Rak
Complete any remaining bug fixes	50%	25%	0%	25%
Release project	100%	0%	0%	0%
Create Developer Manual	25%	25%	25%	25%
Create User Manual	25%	25%	25%	25%
Create video tutorials	25%	25%	25%	25%

Date(s) of meeting(s) with Faculty Advisor/Client during the current milestone:

3/30/2026

Faculty Advisor feedback on each task for the current Milestone

Faculty Advisor Signature: _____ Date: _____

Evaluation by Faculty Advisor

Faculty Advisor: detach and return this page to Dr. Chan (HC 209) or email the scores to pkc@cs.fit.edu

Score (0-10) for each member: circle a score (or circle two adjacent scores for .25 or write down a real number between 0 and 10)

Dorothy Ammons	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Patrick Kelly	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Shamik Bera	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Rak Alsharif	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

Faculty Advisor Signature: _____ Date: _____