Student Code Online Review and Evaluation 2.0

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Milestone 4

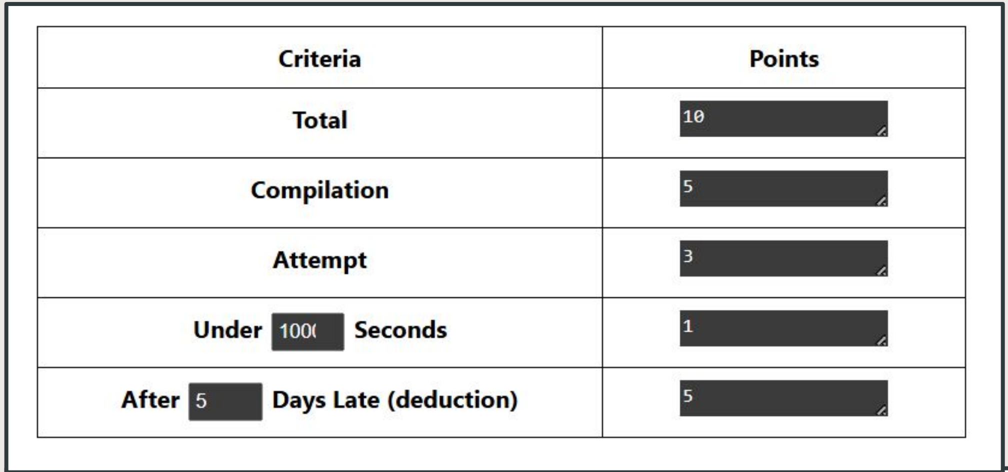
- Complete Automatic Grading Rubric
- Complete Google Cloud Run Hosting
- Complete Importing Roster
- Integrate AI detection results into the submission workflow
- Evaluate AI detection accuracy using sample student submissions
- Connect AI detection output to the web interface for professor review
- Create a Cluster Algorithm for COPS with visualization

Milestone 4 – Completion Matrix

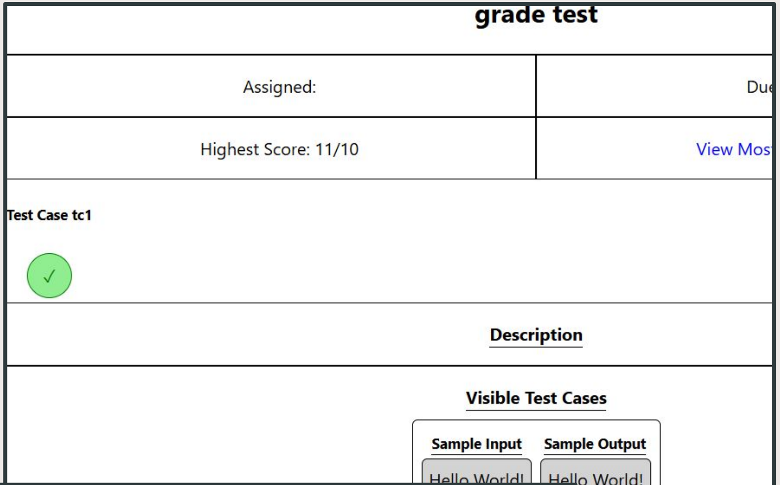
Task	Dorothy	Patrick	Shamik	Rak	To Do
1. Rubric Autograder Completion	90%	0%	0%	0%	Add rubric to student assignment dashboard
2. Complete Google Cloud Run Hosting	0%	0%	0%	0%	
3. Import Roster Completion	0%	0%	80%	0%	Display the list of students from CSV file or manual add students
4. AI Detection Integration & Testing	0%	0%	0%	80%	Connect AI results to dashboard. Evaluate detection accuracy. Refine ensemble scoring.
5. Complete COPS Matrix	%	%	%	%	

Automatic Rubric Based Grading

- When a student makes a code submission, the autograder will use the professor-created rubric in order to give students a grade



Criteria	Points
Total	10
Compilation	5
Attempt	3
Under 100(**Seconds**	1
After 5 **Days Late (deduction)**	5



grade test

Assigned:	Du
Highest Score: 11/10	View Mos

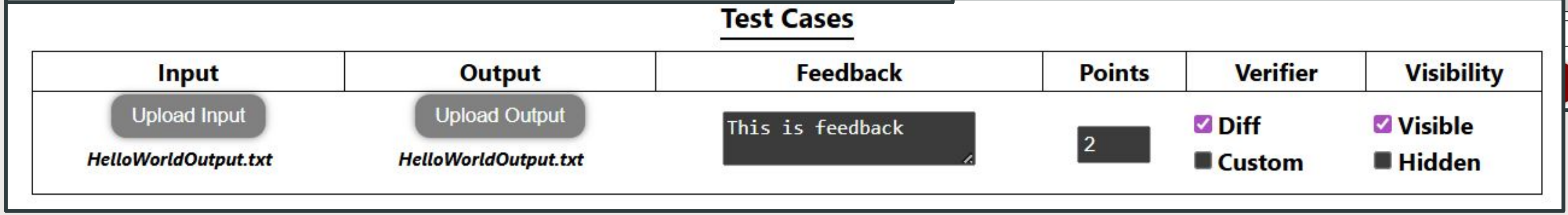
Test Case tc1

✓

Description

Visible Test Cases

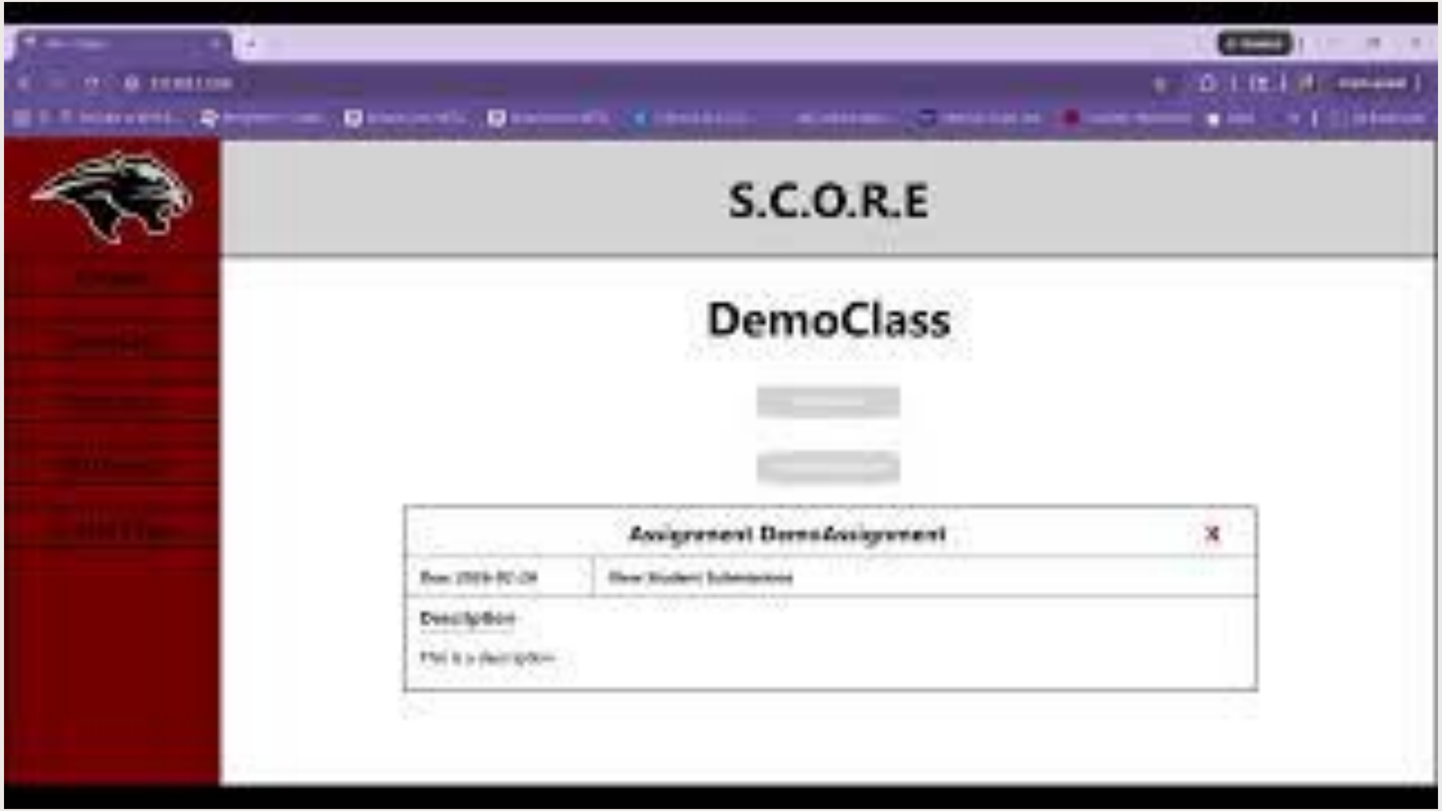
Sample Input	Sample Output
Hello World!	Hello World!



Test Cases

Input	Output	Feedback	Points	Verifier	Visibility
Upload Input *HelloWorldOutput.txt*	Upload Output *HelloWorldOutput.txt*	This is feedback	2	☑ Diff ☐ Custom	☑ Visible ☐ Hidden

Automatic Rubric Based Grading Demo



S.C.O.R.E

DemoClass

Assignment DemoAssignment

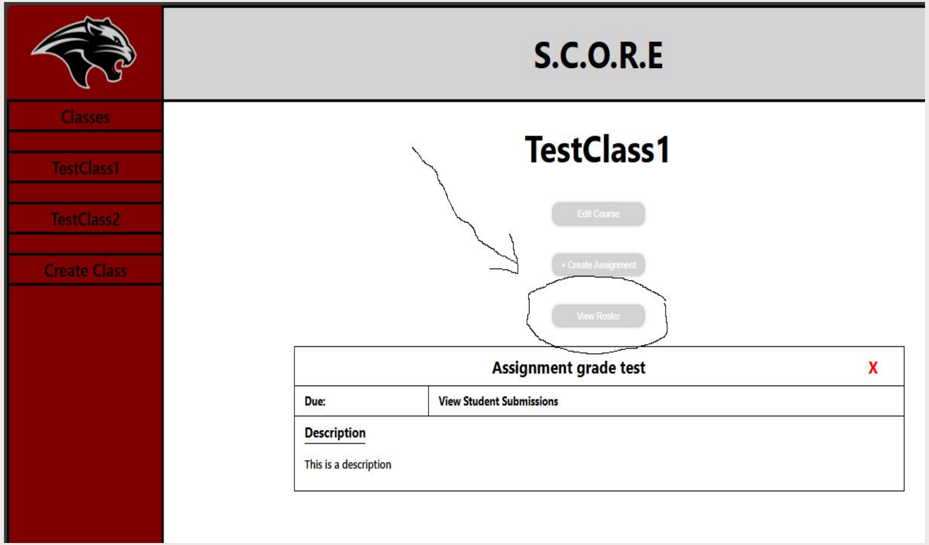
Due: [illegible] | View Student Submissions

Description

This is a description

Roster Import

- Under each course, the button for seeing the current roster is implemented, so whatever students has been added or imported through CSV file will be shown in that panel.



Assignment grade test

Due:

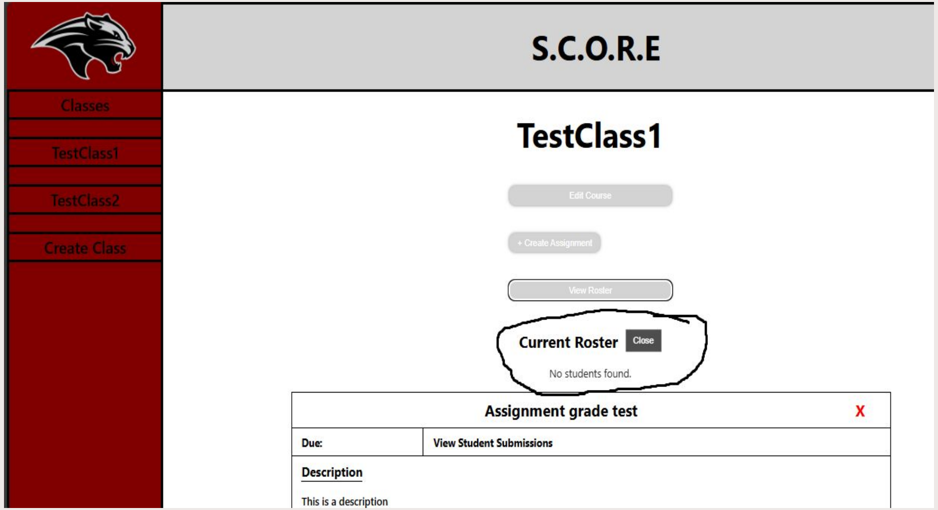
Description

This is a description

Roster Import (P2)

- Inside of the panel for roster view, the professor would see the list of students' name and/or email that have recently been added.

- Currently, it's showing that no students have been added to the roster since displaying the student's information from the data is remaining.



TestClass1

Current Roster

No students found.

Assignment grade test

Due:

View Student Submissions

Description

This is a description

AI Detection Integration

- Integrated AI detection into backend submission workflow
- Created API endpoint to analyze student code
- Returns AI probability score in JSON format
- Supports multiple detection models (ensemble system)

AI Detection Testing & Evaluation

- Tested using human-written and AI-generated code samples
- Verified probability consistency
- Handled API failures safely
- Preparing dashboard visualization for professors

Milestone 5 – Task matrix

Task	Dorothy	Patrick	Shamik	Rak
1. Complete Google Cloud Run Hosting	100%	0%	0%	0%
2. Work with our advisor to demo a release into classrooms	25%	25%	25%	25%
3. Test and correct security bugs	50%	0%	50%	%
4. Complete C.O.P.S	0%	100%	0%	0%
5. Complete AI detection	0%	0%	0%	100%
6. Add export grades functionality/finish import	0%	0%	100%	0%

Questions?