

Moodle Grading App

Senior Project: Final Presentation

Developers: Emily Costa & Michael Sisko
Advisor: Victor Norman

Project Overview

Problem:

- Moodle's grading interface is inefficient
- Grading is time consuming and redundant
- Graders must edit in Moodle or download CSV file

Solution:

- Custom feedback
- Globally reflected changes
- Display grade statistics

What we accomplished...

Developed by: Emily Costa & Michael Sisko
Advised by: Victor Norman

Grading Assistant

Assignment Name: Sample Assignment

Max Points: 20

Prev Student

Next Student

Show Stats

Student Name: Ashley Bauer

Save Progress

Perfect Score

Clear Score

Feedback

Deduction

Apply



Add more comments

3



Poor indentation

2



Looks good!

0



No submission

20



Add Feedback

Import Table

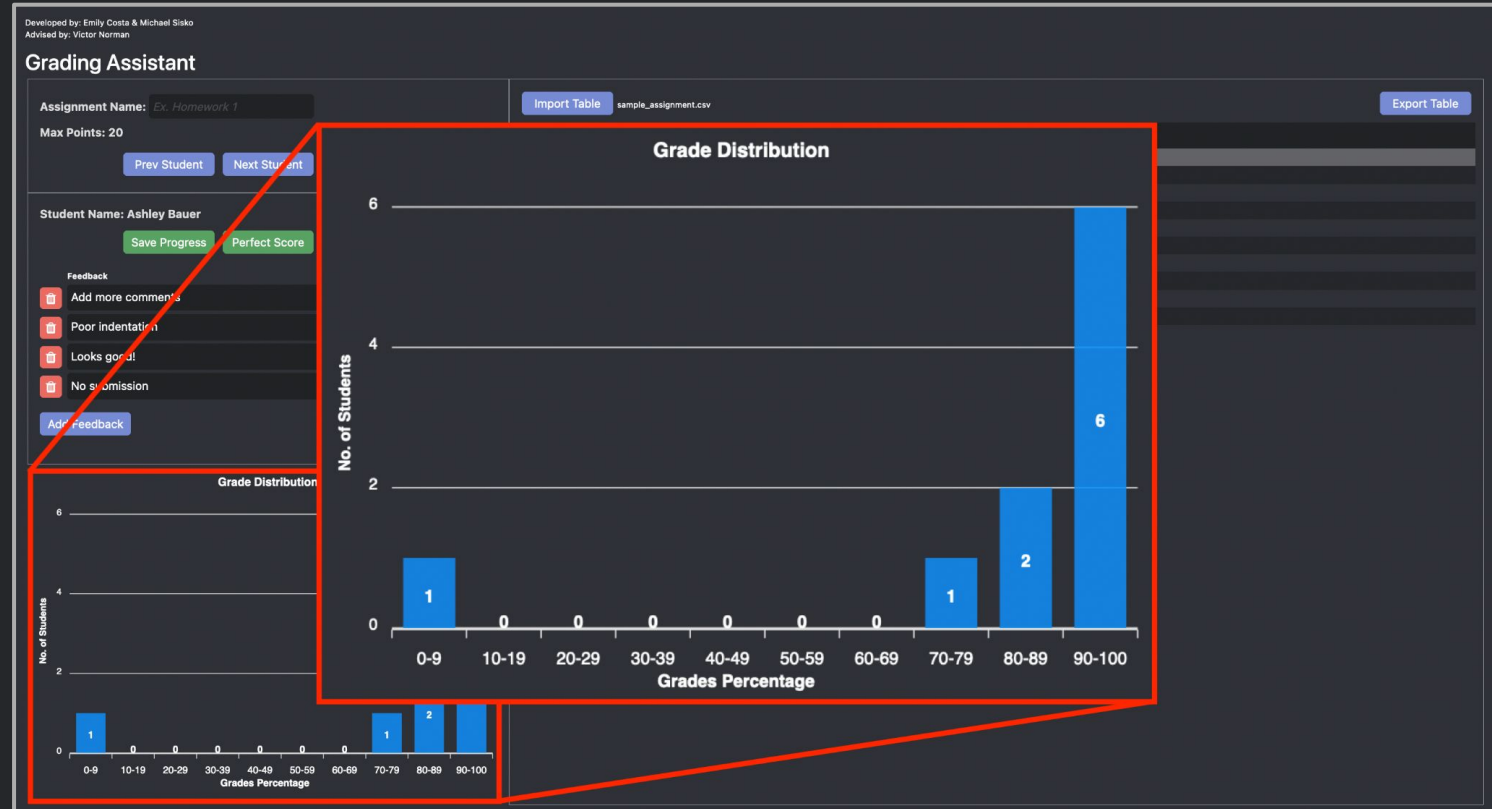
sample_...nt.csv

Export Table

#	Name	Email	Timestamp	Grade	Feedback
1	Ashley Bauer	arb00	-	17	-3: Add more comments
2	Anna Warren	acw00	-	20	-0: Looks good!
3	Adam Smith	ams00	-	20	-0: Looks good!
4	Austin Reed	atr00	-	18	-2: Poor indentation
5	Diana Johnston	dnj00	-	15	-3: Add more comments; -2: Poor indentation
6	Jeff Miles	jbm00	-	20	-0: Looks good!
7	Joanna Pollard	jp00	-	0	-20: No submission
8	John Calvin	jc00	-	20	-0: Looks good!
9	Marissa Clay	mac00	-	17	-3: Add more comments
10	Walter Serrano	wts00	-	18	-2: Poor indentation

*** The names on this list are not real students.

What we accomplished...



Problems encountered...

- How to parse and store CSV file
- Per student feedback management

```
▼ 51:
  email: "eac33"
  ▼ feedbackBoolean: Array(3)
    0: false
    1: false
    2: true
    length: 3
  ► [[Prototype]]: Array(0)
  fullName: "Emily Costa"
  grade: "100"
  gradeChange: "Yes"
  gradeLastModified: "-"
  identifier: "Participant 2951475"
  maxGrade: "100"
  onlineText: ""
  status: "No submission"
  submissionLastModified: "-"
```

```
▼ (3) [{...}, {...}, {...}] ⓘ
  ► 0: {feedback: 'Add more comments', deduction: 5}
  ► 1: {feedback: 'Bad indentation', deduction: 10}
  ► 2: {feedback: 'Looks good', deduction: 0}
```

Demo

Grading Assistant

Devloped by Emily Galt & Michael Eddy
MAST 4200

Grading Assistant

Assigned Name:

Max Points: 50

Print Student

Print Student

Show Data

Student Name:

Save Progress

Print Student

Clear Student

Feedback

Feedback

Submit

Apply

Add Feedback

Export Table

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Export Table

#	Name	Email	Thresholds	Grade	Feedback
1	Emily Galt	emg@x	-	-	-
2	Anna Ramez	amr@x	-	-	-
3	Adam Smith	asm@x	-	-	-
4	Adam Reed	adr@x	-	-	-
5	Diana Johnson	dj@x	-	-	-
6	Jeff Mize	jmi@x	-	-	-
7	Jessica Miller	jmi@x	-	-	-
8	John Galt	jg@x	-	-	-
9	Marissa Clay	mclay@x	-	-	-
10	Robert Stevens	rst@x	-	-	-

Design Norms

- Cultural Appropriateness
 - Promotes efficiency, and protects the privacy of students
- Transparency
 - Simple design, moderately intuitive, and ample documentation
- Trust
 - Reliable, end-to-end tested, and consistent results

Future Work

- Persistent storage
- Table sorting
- Settings page

Questions?