

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

Solution:

- Create custom feedback list
- Changes are reflected globally
- 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

Student Object

```
▼ 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: "-"
```

Array of Feedback Objects

```
▼ (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

www.xargrind.com

Export Table

#	Name	Email	Therolamp	Grade	Feedback
1	Emily Galt	emg@xargrind.com			
2	Anna Rasmussen	anna@xargrind.com			
3	Adam Smith	adam@xargrind.com			
4	Adam Smith	adam@xargrind.com			
5	Chris Johnson	chris@xargrind.com			
6	Jeff Mew	jeff@xargrind.com			
7	Janet Mew	janet@xargrind.com			
8	John Galt	john@xargrind.com			
9	Marissa Clay	marissa@xargrind.com			
10	Robert Smith	robert@xargrind.com			

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?