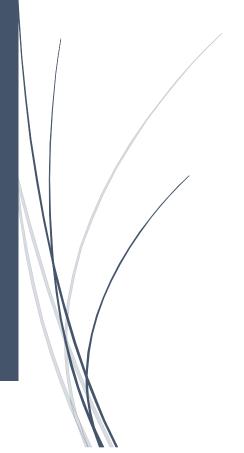# Advanced Submission System

Seeded Defect Log

Team 15

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Seeded Defects

Defect Number	Defect	Output Before Seeding	Output After Seeding	Suggested Corrections	Severity
1	Allows (maxSubmissions + 1) submissions	"You have already submitted the max number of attempts"	"Goodbye!"	Change the comparator "<=" to just "<"	3
2	Files moved only to cs180 path	Files moved to correct location	All files moved to cs180 location	Change the path variable so it isn't hard coded as the cs180 path	1
3	Students allowed to submit to classes they aren't a part of	"You are not a part of that class"	"GoodBye!"	Add if statement to check groups	2
4	Some files get added multiple times	All files only allowed to be zipped once	Some files zipped multiple times	Add check to see if the file already exists in the zipped file	3
5	Can select unlimited courses at a time in the Student Interface.	It displays the assignments for the respective course selected.	It displays the assignments for the first course selected.	Set max_select to 1.	1
6	The total grade is rounded down to the closest integer instead of using an accurate float value in the Student Interface.	The total grade would accurately sum the bonus and score.	The total grade will round the total score down to the closest integer.	Change the total variable from typecast from int to float.	2
7	Some files are not submitted if they are multiple folders deep	Files are correctly submitted	Some files are not added to the file	Add check to confirm validity of the file list passed to submission manager	1
8	If there is no grade, the total grade incorrectly displays 0, rather than informing that the assignment has not	Total Score would say "Not Yet."	Total Score says "0"	Check if the configuration file is returning "false" for a certain assignment's score.	2

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	been graded yet in the Student Interface.				
9	The assignment feedback will always display "Well Done!", no matter what the actual feedback is in the Student Interface.	The Feedback would correctly display what is given in the configuration files.	The feedback will always display the string "Well Done!"	Change the feedback string to retrieve the correct information from the configuration file.	2
10	Can select unlimited assignments at a time in the Student Interface.	It displays the grade for the respective assignment selected.	It displays the grade for the first assignment selected.	Set max_select to 1.	1
11	Max number of submissions allowed is decreased by 1	Correctly sets the max submissions setting in the config	Decreases the max submissions setting in the config by 1	Ensure that the correct value is inserted into the config setting	2
12	Max number of late days is increased by 3	Correctly sets the max late days setting in the config	Increases the max late days setting in the config by 3	Ensure that the correct value is inserted into the config setting	2
13	When grabbing grades to display to the instructor "80" is always returned	Returns the score of the student	Displays 80 for the score	Ensure that the correct score is returned from the config file	2
14	After one of the selection lists is updated (e.g., when a course is selected and the assignment list is populated), the selected item is incorrect or invalid.	After changing the list of items, no item is selected.	After changing the list of items, a random item is selected, or the cursor is in an invalid position.	Reset the cursor and selection after updating the list of items.	3
15	Only half of the feedback entered is returned when grabbing it from the grade config file	Returns the entry string of feedback	Only returns half the string of feedback	Ensure that the entire feedback string is returned	2

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16	Once the maximum number of items in a selection list have been selected, no items can be selected or deselected.	Once the maximum number of selections have been made, items can still be deselected.	Once the maximum number of items have been selected, no items can be deselected.	Ensure that items can always be deselected, regardless of the number of items currently selected.	2
17	Pressing "Enter" while editing a text field causes the program to crash.	Input will be directed to the next element in the UI.	The program will crash.	Use the Button class's callback system to properly handle "Enter" keypress.	1
18	A space is appended to the end of all text field input.	A space is appended to all values typed into text edit fields in the GUIs.	Text edit fields properly set values as entered, with no trailing space.	Trim trailing spaces that are appended to input by the underlying Curses graphics library.	2
19	"----" is added to the end of an assignment name when being created	Assignment name is what was entered in the UI	Assignment name is what was entered in the UI + "----"	Ensure that only the string entered in the UI is saved as the assignment name	2
20	When a message is displayed at the bottom of the grade interface after a shorter message has been displayed, the original message beyond the end of the new message will still be visible.	Previous message is cleared before new message is displayed.	Previous message is not cleared before new message is displayed.	Clear the old message before displaying new message.	3
21	Add project method uses the passed date without parsing	The date is compared for a future date before being placed in the config file	Adding a new project crashes the program	Parse the date before checking for future date	2

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22	Add grade uses a settting named "comment" when the program expects a field named "comments"	The method returns a value indicating a failure to find a config file.	A failure in passing a valid config file when updating a setting crashes the program	Return Boolean instead of an object.	2
23	Update_setting returns an object instead of returning a Boolean that can be tested	The method returns a value indicating a failure to find a config file.	A failure in passing a valid config file when updating a setting crashes the program	Return Boolean instead of an object.	2
24	addCourse uses field usergroup when adding a new course to the config file.	Courses are successfully added to the global config file.	The field in unreadable by the program.	Use field name "user_group"	3
25	getCourseGrades fails to return the dictionary that the method builds	The grades are shown successfully in the grades portal	No grades are shown	Return the dictionary after building it	2