

# Code Review Summary

Felix

Section of Code	Issue	Possible Solution
ApplicationDriver.java Line 6-7	Double new line	Delete one
ApplicationDriver.java Whole file	Double indents	Delete one
Authenticator.java Line 12	Unused import	Remove import
Authenticator.java Whole file	Double indents	Delete one
Authenticator.java Line 47, 49, 55, 97, 99, 107	Comments on same line as code	Put comment above code
ExtractData.java Whole file	Double indents	Delete one
LoginRegisterGUI.java Line 12, 20-21	Unused Import	Remove Import
LoginRegisterGUI.java Whole file	Double indents	Delete one
LoginRegisterGUI.java Line 125-165	Lines too long	Newlines for code
LoginRegisterGUI.java Line 136, 153	Comment on same line as code	Put comment above code
LoginRegisterGUI.java Line 169	indexOf() >= 0 Is equivalent to and should be contains()	Switch it
LoginRegisterGUI.java Line 67-125	No comments	Add comments
LoginRegisterGUI.java Line 129-159	If statements should have space in between conditions (ie. if (boolean))	Put spaces
LoginRegisterGUI.java Line 153	Comment has space in front of it for no reason	Delete it
LoginRegisterGUI.java	Null layout	Change it

Line 75		
RemarkRequestGUI.java Line 36, 97, 128, 129, 182	Double new line	Delete one
RemarkRequestGUI.java Whole File	Double Indents	Delete one
RemarkRequestGUI.java Line 66-69	Wrong indent	Indent one more
RemarkRequestGUI.java Line 148	String.toString() is unnecessary	Remove toString()
RemarkRequestGUI.java Whole file	Not enough comments	Please comment

## Abhay

Section of Code	Issue	Possible Solution
AssignmentCompletionGUI.java , Lines 7-43  RegisterInstructorInfo.java, Lines 14-29	Unused imports	Remove imports
AssignmentCompletionGUI.java , Lines 88, 111, 168  RegisterInstructorInfo.java, Line 92	Empty line	Delete line
AssignmentCompletionGUI.java , Lines 99, 126, 145, 147, 148, 152, 154, 190, 193, 199, 218, ...  RegisterInstructorInfo.java, Throughout whole file  RegisterStudentInfo.java, Throughout whole file	First letter of comment not capitalized	Capitalize first letter
AssignmentCompletionGUI.java, Lines 204-208  RegisterInstructorInfo.java, Lines 191-214	Missing space around "if" and curly braces	Add space
AssignmentCompletionGUI.java , storeAssignmentAnswers(), getPreviousSubmissionStatus(),	Missing JavaDoc	Add JavaDoc

constructAssignmentAnswersTemplate(), getPreviousSubmission(), getAllProblems(), getGridLayout(), updateCsvFile()		
AssignmentCompletionGUI.java, Lines 89-92	Missing space between "Assignment" and the number	Add space after "t" in "Assignment"
AssignmentCompletionGUI.java, Constructor	UI elements have too little padding	Shift elements more from the left and top borders of the window
RegisterInstructorInfo.java, Constructor  RegisterStudentInfo.java, Constructor	Fonts not consistent relative to other GUIs, UI elements especially the text boxes are too small, buttons are placed off-center	Fix fonts and change position and size of UI elements
RegisterStudentInfo.java, Line 145	Incorrect indentation	Indent once more
RegisterStudentInfo.java, registerValidation(), Line 189	The getText() method for a JPasswordField is deprecated but used in this line	Replace getText() with getPassword(), may have to convert to string from char[]
RegisterInstructorInfo.java, Line 236	Commented out foreground colour line	Remove line or uncomment
RegisterInstructorInfo.java, Lines 256-260  RegisterStudentInfo.java, Lines 310-314, 332-336	Poor handling of boolean in if statement	Should just return m.matches()
RegisterInstructorInfo.java, checkNameInput()  RegisterStudentInfo.java, checkNameInput(), checkIDInput()	Missing description in JavaDoc	Add description
RegisterInstructorInfo.java, Constructor  RegisterStudentInfo.java, Constructor	Using null layout, causes it to render differently on different machines	Use absolute layout instead

## Julian

Section of Code	Issue	Possible Solution
StudentListingGUI.java, Lines [2, 14-18, 20, 36]	Unused Imports	Remove import statements.
StudentListingGUI.java, Constructor	Inconsistent new lines	Use standard Java convention for code formatting.
StudentListingGUI.java, Constructor, Line 72	contentPane's layout is null. This can be very problematic in formatting gui components if not done correctly.	Chose a standard java layout, such as BoxLayout, GridLayout, FlowLayout, etc.
StudentListingGUI.java, Constructor, Lines [115-266]	Repetitive code.	Write a method that performs one of the actions, then recycle that method by reusing it in the repetitive code.
StudentListingGUI.java, gatherExistingAssignments() Lines[286],	Regex expression enables for Assignment.csv to be an acceptable assignment file name, when actually an assignment number must be specified, e.g: Assignment#.csv	Remove the "+", which will indicate that at least 1 number must be presented after "Assignment" and before ".csv".
StudentSubmissionDetailsGUI.java, Constructor, Lines[81-84]	No comments to explain the calculations occurring on these lines.	Add comments.
InstructorRemarkGUI.java, Line[2-4, 19-20,24 ]	Unused imports	Remove import statements.
InstructorRemarkGUI.java, adjustMark(), Lines[180-188]	The file is being overwritten with the same contents, except for the last column which is modified.	Instead of rewriting the entire file with the same contents, use the Java opencsv API, which will enable you to select which row and which column to modify.

## Olivia

Section of Code	Issue	Possible Solution
AssignmentCreationGUI.java Line 6	Unused Import	Remove import statement
AssignmentCreationGUI.java Line 1 - Line 348	Lack of comment	Add more comment
AssignmentCreationGUI.java Line 58	Set Layout to null is a bad practice	Specify the layout
DisplayMarksGUI.java Line 51	Font size has not been set	Set font size
DisplayMarksGUI.java Line 45-46 Line 55-56	Inconsistent newline	Fix newline character between each block of code
Problem.java	No comment in the entire file	Add comment

## Tito

Section of Code	Issue	Possible Solution
Grading.java, As a whole	Indentation inconsistent with rest of files	4 space indentation should be tab indent for consistency
AssignmentEditingGUI.java	Unused Imports	Delete
AssignmentEditingGUI.java, Line 60	Null Layout	Use a layout
AssignmentEditingGUI.java	Inconsistent new lines	Review spaces and new lines and fix accordingly
AssignmentEditingGUI.java	Inconsistent for loop parameters spacing	Review and fix
AssignmentEditingGUI.java, InstructorListingGUI.java, Methods	Lack of in-line commenting on some non-trivial things	Comment
InstructorListingGUI.java, Line 65	Null Layout	Use a layout
InstructorListingGUI.java, Line 60	Random tabs	Delete