GradeApp

Build MainGUIScreen

Wait until XML file is selected

Build Course based on XML file

MainGUIScreen

Display course name – text field which can be populated by calling the method course.getName

Display text field with current percentage in class this can be populated by calling the method course.getPercentageTotal

Display button which says “Update Grades”: this will call EnterGradeGUI.

Display button which says “Save changes” – this button will call the method course.writeCourseToXML

EnterGradeGUI

Create Course object

Display Title with Course name

Display text field which shows entire Course and grades

Display drop down menu based on Course(grade items will be indented under categories, which that ArrayList is returned by course. getCategoryNames())

Display current course performance

Display enter score button (if no item is selected in drop down above, then pop up input error message telling user to select item from list above

Display Back button, which will redraw MainGUIScreen

EnterScoreGUI(GradableItem)

Display title with item name

Display textField which prompts the user to enter the percentage as a double (validate that the percentage is between 0 and 100)

Display RadioButtons with “Actual grade” or “Estimated grade” default to actual

If the RadioButton for Actual grade is selected, then call the method – Course.setEvaluatedPoints passing in item name from drop down box and percentage from the text field

If the RadioButton for estimated grade is selected, then call the method –

Course.setEstimatedPoints passing in item name from drop down box and percentage from the text field

Once grade is entered, redraw enterGUIScreen