Test bed main test cases CS213 Project_3: harsh_patel, giancarlo_andretta

class name: TuitionManagerController
method signature: public boolean getMissingDataStatusForRoster() {}			

Test Case #	Requirement	Test description and Input data	Expected result/output
Method Name: public boolean getMissingDataStatusForRoster() {} && public boolean getMissingDataStatusForEnroll() {} && public boolean getMissingDataStatusForSchp() {}			
1	Method shall return true because all values or some are null;	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: Empty text fields	true
2	Method shall return false because no values are null.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: No empty text fields	false
Method Name: protected void processAndInsert(Student type) {}			
1	Method shall print “DOB Invalid” because student added has a date of birth between current date & (current date - 16 years);	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: DatePicker field has a date between current date & (current date - 16 years)	“DOB Invalid”
2	Method shall print “Credits completed invalid: cannot be negative” because credits entered is negative.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: -1	“Credits completed invalid: cannot be negative”
3	Method shall print “Missing data.” because there is some kind of input missing.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: 1 or more empty text fields or combobox.	“Missing Data.”
Method Name: protected void processAndRemove(ActionEvent event) {}			

1	Method shall print “Student successfully removed” because the student is found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted match an actual student in the roster.	“Student successfully removed”
2	Method shall print “Student not found” because the student is not found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted do not match an actual student in the roster.	“Student not found”
3	Method shall print “Missing data.” because there is some kind of input missing.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: 1 or more empty fields.	“Missing Data.”
Method Name: public void loadFromFile() {}			
1	Method shall print “Successfully added students from Roster.” because the file is read correctly and is a txt file.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: A text file that is formatted correctly.	“Successfully added students from Roster.”
2	Method shall not print anything because the user hits cancel in the filechooser.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: User hits cancel in file chooser.	“”
Method Name: public void updateMajor() {}			
1	Method shall print “Major successfully updated” because the student is found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted match an actual student in the roster.	“Major successfully updated”

2	Method shall print “Student not found” because the student is not found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted do not match an actual student in the roster.	“Student not found”
Method Name: public void enrollStudent() {}			
1	Method shall print “Student enrolled” because the student is found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted match an actual student in the roster.	“Student enrolled”
2	Method shall print “Student not found” because the student is not found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted do not match an actual student in the roster.	“Student not found”
Method Name: public void dropStudent() {}			
1	Method shall print “Student dropped” because the student is found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted match an actual student in the roster.	“Student dropped”
2	Method shall print “Student not found” because the student is not found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted do not match an actual student in the roster.	“Student not found”
Method Name: public void updateSchlpAmount() {}			
1	Method shall print “scholarship amount successfully updated”	Create an instance of TuitionManagerController with	“Scholarship amount

	because the student is found in the roster and is a resident	all the instance variables initialized. Test input: All fields inputted match an actual student in the roster that is a resident.	successfully updated”
2	Method shall print “student not found” because the student is not found in the roster.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted do not match an actual student in the roster.	“Student not found”
3	Method shall print “student is not a resident” because the student found is not a resident.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: All fields inputted do match a student in the roster but they are not a resident.	“Student is not a resident”
Method Name: public void handleRosterMenuItems() {}			
1	Method shall print “Student roster is empty!” because the student roster has no students in it and is empty.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: A student roster with no students	“Student roster is empty!”
2	Method shall print student roster by selection either by profile, by school major, or by standing. because the student roster has students in it and the user made a selection	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: A student roster with students and a selection of print type.	Students in student roster by selection type.
Method Name: public void handleSchoolMenuItems() {}			
1	Method shall print “Student roster is empty!” because the student roster has no students in it and is empty.	Create an instance of TuitionManagerController with all the instance variables initialized. Test input: A student roster with no	“Student roster is empty!”

<table>
<tr><td></td><td></td><td>students</td><td></td></tr>
<tr><td>2</td><td>Method shall print student roster by selection either by RBS, SAS, SC&I, or SOE because the student roster has students in it and the user made a selection</td><td>Create an instance of TuitionManagerController with all the instance variables initialized.
Test input:
A student roster with students and a selection of school type.</td><td>Students in student roster by selection school type.</td></tr>
<tr><td colspan="4">Method Name: public void handleEnrollmentMenuItems() {}</td></tr>
<tr><td>1</td><td>Method shall print “Student roster is empty!” because the student roster has no students in it and is empty.</td><td>Create an instance of TuitionManagerController with all the instance variables initialized.
Test input:
A student roster with no students</td><td>“Student roster is empty!”</td></tr>
<tr><td>2</td><td>Method shall print student roster by selection either by Enrolled Students, Tuition Due, and by Semester End because the student roster has students in it and the user made a selection</td><td>Create an instance of TuitionManagerController with all the instance variables initialized.
Test input:
A student roster with students and a selection made or print choice.</td><td>Students in student roster by selection of print choice.</td></tr>
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