Software Development Capstone
Test Cases

Project Name: Academic Organizer

Author: Nelson C. Araujo

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Version: 1.0

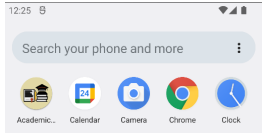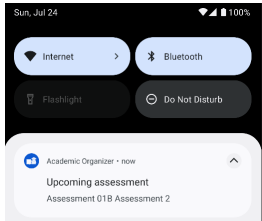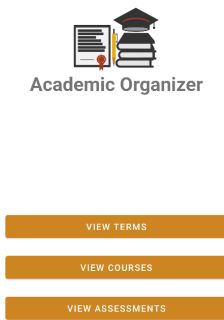Table of contents

Test Results
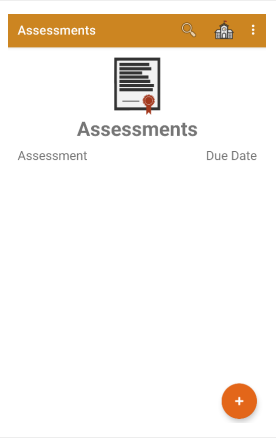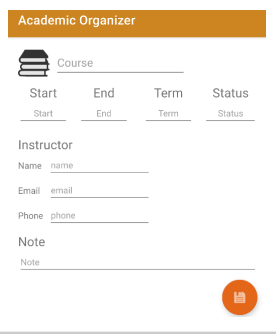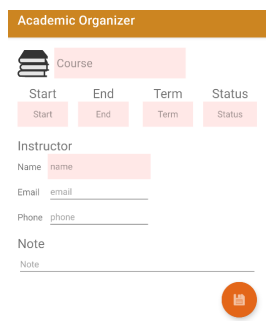
The below summarizes the test case results for Academic Organizer.
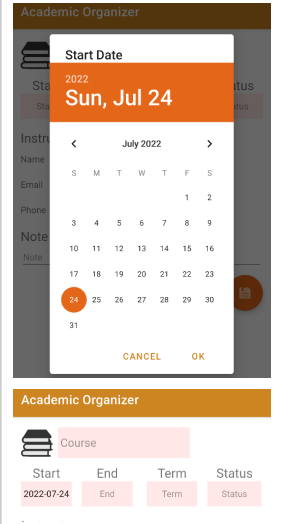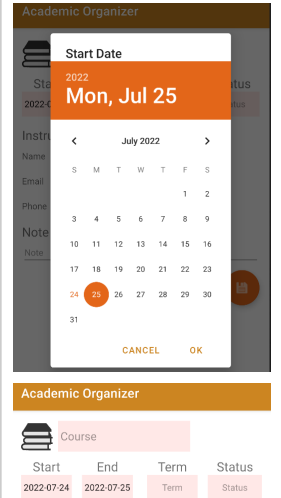
Feature	Test Cases	Total Passed	Total Failed
General	2	2 (100%)	0 (0%)
Home screen	4	4 (100%)	0 (0%)
Courses screen	10	10 (100%)	0 (0%)
Terms screen	8	8 (100%)	0 (0%)
Assessment screen	11	11 (100%)	0 (0%)
Course screen	14	14 (100%)	0 (0%)
Term screen	10	10 (100%)	0 (0%)
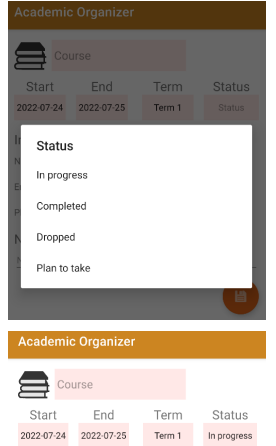
Test Cases
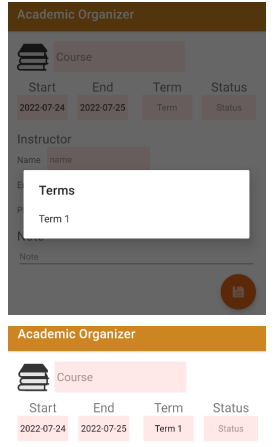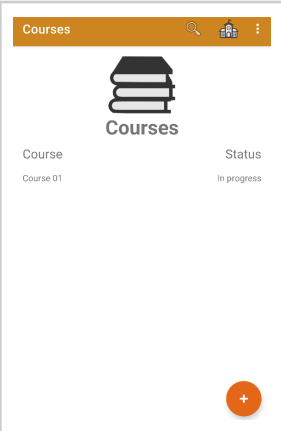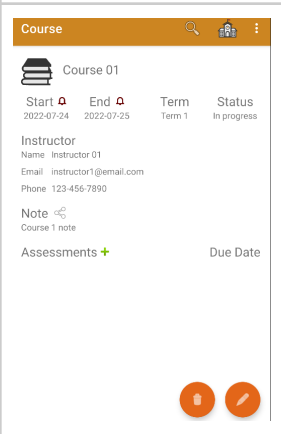
Start Condition	Action	Expected Outcome	Actual Outcome	Screenshot	Pass/Fail
General					
Application not installed	Install the application	Application is installed with no errors	Application installed with no errors.		**Pass**
Application not running	Create an assessment with the start date in the next five(5) days. Close the application. Launch the application.	A notification stating that there is an upcoming assessment is displayed with the name of the assessment.	Notification received stating that there were upcoming assessments. The notification displayed the name of the assessment.		**Pass**
Home screen					
Home screen	Open the application.	The application name and logo are displayed along with the view terms, view courses, and view assessments buttons.	The application name and logo are displayed.		**Pass**

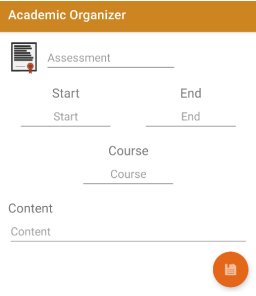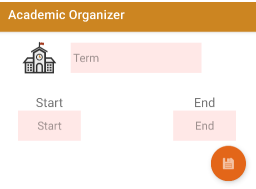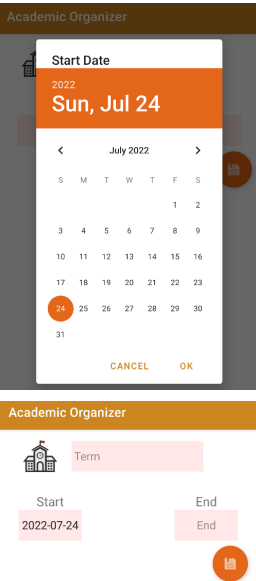| Home screen	Select the view terms button.	Terms screen opens	Terms screen opened		**Pass**
Home screen	Select the view courses button.	Courses screen opens	Courses screen opened		**Pass**

Home screen	Select the view assessments button.	Assessments screen opens	Assessments screen opens		**Pass**

Courses screen

Courses screen	Select the new course button	The new course screen appears.	The new course screen appeared.		**Pass**
Courses screen: add new course		Fields are empty when the screen opens.	Fields are empty when the screen opens.		**Pass**
Courses screen: add new course	Select the save button	Course name, start, end, term, status, and instructor name fields highlight in red.	Course name, start, end, term, status, and instructor name fields are highlighted in red.		**Pass**

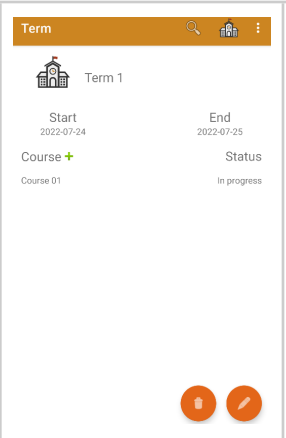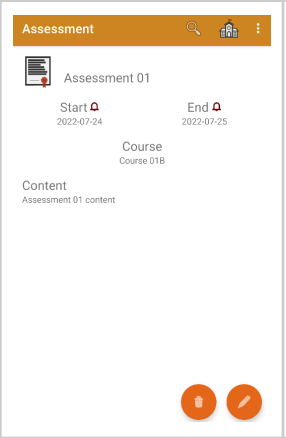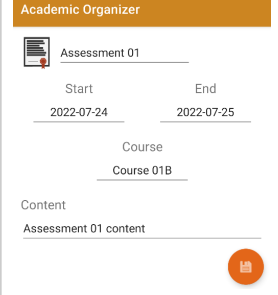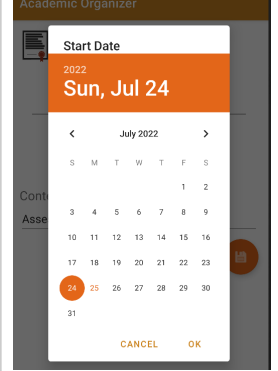| Courses screen: add new course | Select the start date field. | The date selection dialog opens. Selecting a date populates the field selection. | Selected date and it populated the field. | | **Pass** |
| Courses screen: add new course | Select the end date field. | The date selection dialog opens. Selecting a date populates the field selection. | Selected date and it populated the field. | | **Pass** |
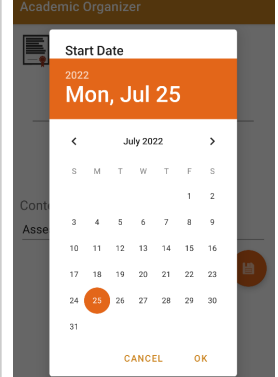
Courses screen: add new course	Select the term field.	A dialog of terms is displayed. Selecting a term populates the field with the selection.	A dialog of terms was displayed and selecting a term populated the field with the selection.		**Pass**
Courses screen: add new course	Select the status field.	A dialog of status display with "in progress", "completed", "dropped", and "plan to take" selections. Selecting a status populates the field with the selection.	A dialog of status was displayed with "in progress", "completed", "dropped", and "plan to take" selections. Selecting a status populated the field with the selection.		**Pass**

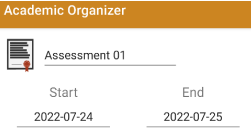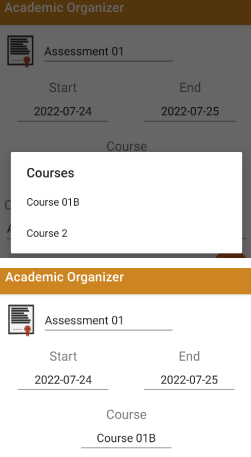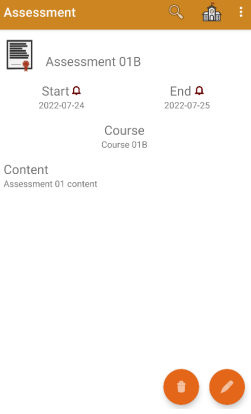|					
Courses screen: add new course	Populate all fields and select save.	The course is created and displayed on the courses screen.	The course was created and displayed on the courses screen.		**Pass**
Courses screen		A list of courses is displayed.	A list of courses is displayed.		**Pass**
Courses screen	Select a course.	The course details are displayed.	The course details are displayed.		**Pass**
Terms screen					
Terms screen	Select the new term button.	The new term screen opens.	The new term screen opens.		**Pass**

Terms screen: add new term		Fields are empty when the screen is open.	Fields are empty when the screen opens.		**Pass**
Terms screen: add new term	Select the save button.	Term name, start, and end fields are highlighted in red.	Term name, start, and end fields are highlighted in red.		**Pass**
Terms screen: add new term	Select the start date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**

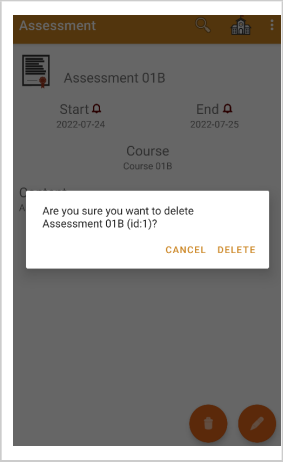| Terms screen: add new term | Select the end date field. | The date selection dialog opens. Selecting a date populates the field selection. | Selected date and it populated the field. | | **Pass** |
| Terms screen: add new term | Populate all fields and select save. | The term is created and displayed on the terms screen. | The term was created and populated on the terms screen. | | **Pass** |
| Terms screen | | The list of terms is displayed. | The list of terms is displayed | | **Pass** |

Terms screen	Select a term.	Term details are displayed.	Term details are displayed.		**Pass**
Assessment screen					
Assessment screen		Assessment name, start, end, course, and content populate.	Assessment name, start, end, course, and content populated.		**Pass**
Assessment screen	Select the edit button.	Assessment edit screen display.	Assessment edit screen displayed.		**Pass**

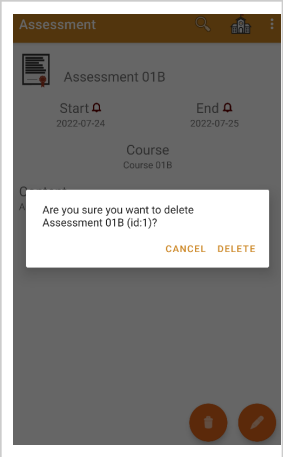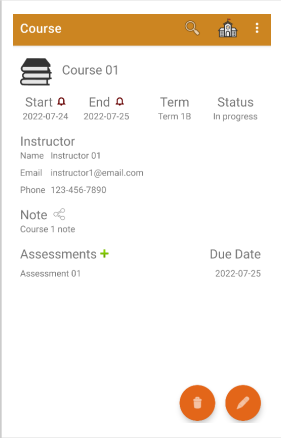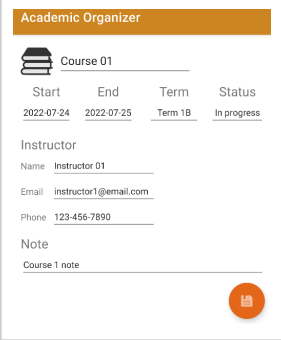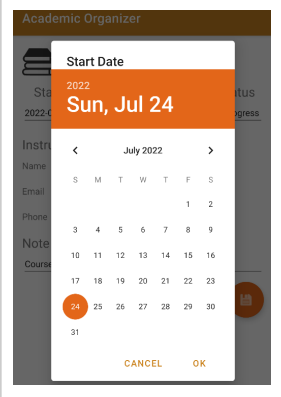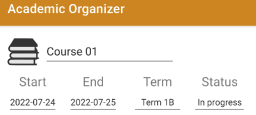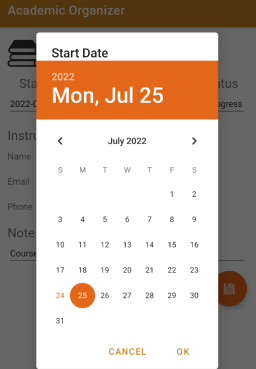| Assessment screen: edit assessment		Course fields populate with the correct data.	Course fields are populated with the correct data.		**Pass**
Assessment screen: edit assessment	Select the start date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**
Assessment screen: edit assessment	Select the end date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**
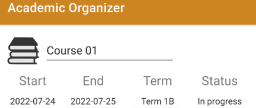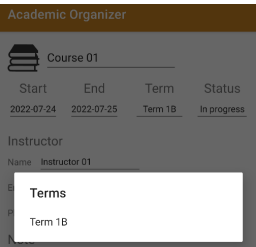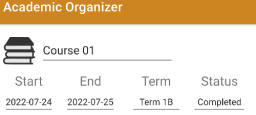
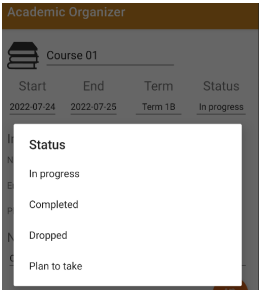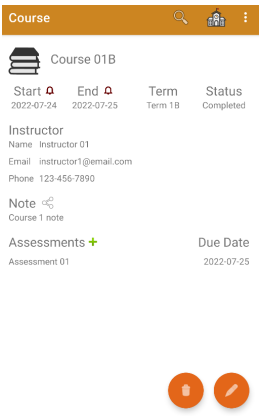|					
Assessment screen: edit assessment	Select the course field.	A dialog of courses is displayed. Selecting a course populates the field with the selection.	A dialog of the courses was displayed and selecting a course populated the field with the selection.		**Pass**
Assessment screen: edit assessment	Change the name of the assessment and select the save button.	The assessment details screen opens and displays the updated data.	The assessment details opened and displayed the updated data.		**Pass**

Assessment screen	Select the start reminder icon. Close the application. Set the device date to the start date.	A message appears stating that the alert has been set. When the device date is set to the start date a notification appears stating the course starts today.	A message displayed stating that the alert was set. The notification appeared after the device was set to the start date.		**Pass**
Assessment screen	Select the end reminder icon. Close the application. Set the device date to the end date.	A message appears stating that the alert has been set. When the device date is set to the end date a notification appears stating the course ends today.	A message displayed stating that the alert was set. The notification appeared after the device was set to the end date.		**Pass**

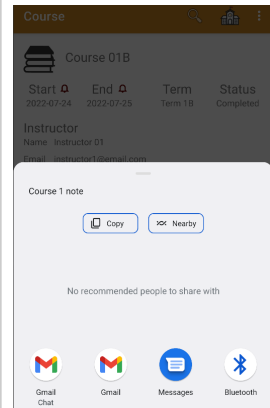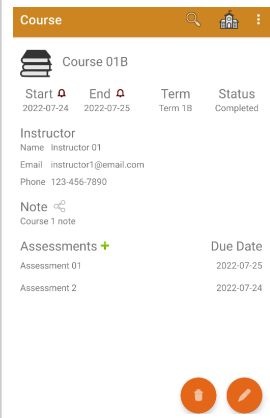| Assessment screen	Select the delete button and press the system back button when the dialog appears.	The confirmation dialog display and the assessment is not deleted.	A confirmation dialog was displayed and the assessment was not deleted.		**Pass**
Assessment screen	Select the delete button and select OK when the dialog appears.	The confirmation dialog displays and the assessment is deleted.	A confirmation dialog was displayed and the assessment was deleted.		**Pass**
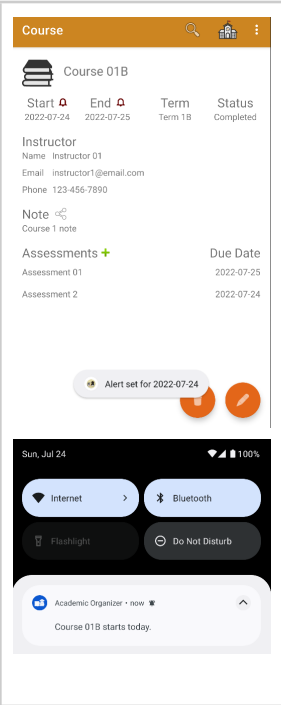
Course screen
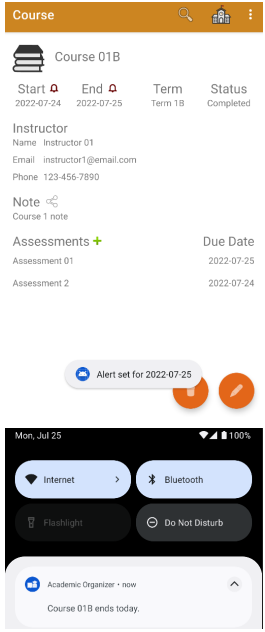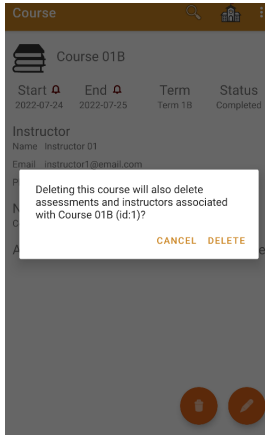
Course screen		Course name, start, end, term, status, instructor name, instructor email, instructor phone, and note populate.	Course name, start, end, term, status, instructor name, instructor email, instructor phone, and note populated.		**Pass**
Course screen	Select the edit button.	Course edit screen displays.	Course edit screen displayed.		**Pass**
Course screen: edit course		Course fields are populated with the correct data.	Course fields are populated with the correct data.		**Pass**
Course screen: edit course	Select the start date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**

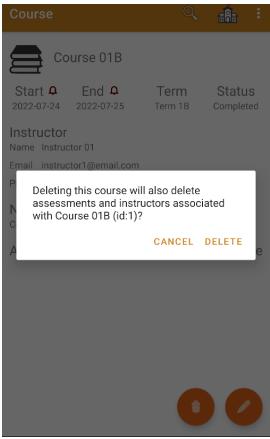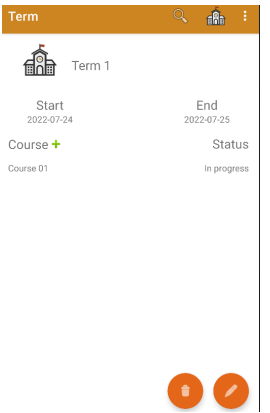|					
Course screen: edit course	Select the end date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**
Course screen: edit course	Select the term field.	A dialog of terms is displayed. Selecting a term populates the field with the selection.	A dialog of terms was displayed and selecting a term populated the field with the selection.		**Pass**

Course screen: edit course	Select the status field.	A dialog of status displays with "in progress", "completed", "dropped", and "plan to take" selections. Selecting a status populates the field with the selection.	A dialog of status was displayed with "in progress", "completed", "dropped", and "plan to take" selections. Selecting a status populated the field with the selection.		**Pass**
Course screen	Change the name of the course and select the save button.	The course details screen opens and displays the updated data.	Course details opened and displayed the updated data.		**Pass**
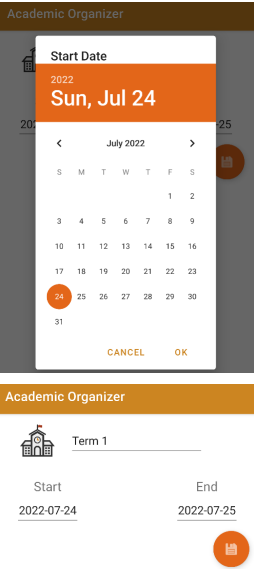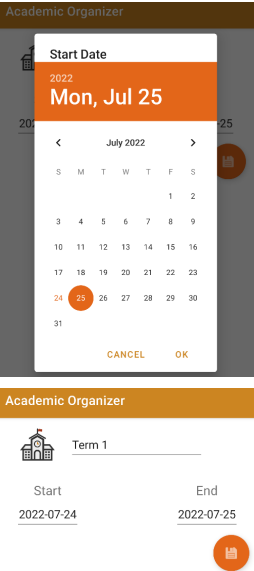
| Course screen | Select the note share button. | The share dialog appears and displays the note at the top of the dialog. | The share dialog appeared and displayed the note at the top of the dialog. | | **Pass** |
| Course screen | Select the add assessment button. Complete all fields and select save. | New assessment screen displays. When all fields are completed and the save button selected, the assessment displays in the course details under assessments. | New assessment screen displayed. Completed all fields and selected save. The assessment appeared under the course details assessment section. | | **Pass** |

| Course screen | Select the start reminder icon. Close the application. Set the device date to the start date. | A message appears stating that the alert has been set. When the device date is set to the start date a notification appears stating the course starts today. | A message displayed stating that the alert was set. The notification appeared after the device was set to the start date. | | **Pass** |

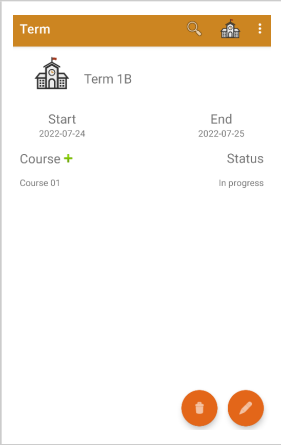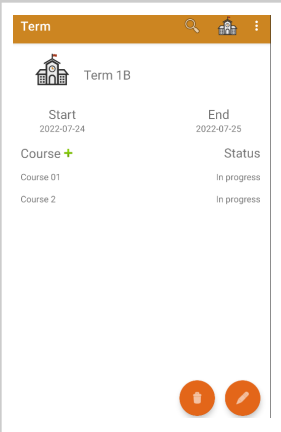| Course screen	Select the end reminder icon. Close the application. Set the device date to the end date.	A message appears stating that the alert has been set. When the device date is set to the end date a notification appears stating the course ends today.	A message displayed stating that the alert was set. The notification appeared after the device was set to the end date.		**Pass**
Course screen	Select the delete button and press the system back button when the dialog appears.	A confirmation dialog displays and the course is not deleted.	A confirmation dialog was displayed and the course was not deleted.		**Pass**

Course screen	Select the delete button and select OK when the dialog appears.	A confirmation dialog display and the course is deleted.	A confirmation dialog was displayed and the assessment was deleted.		**Pass**

Term screen					
Term screen		Term name, start, and end dates display.	Term name, start, and end displayed.		**Pass**

Term screen	Select the delete button.	Dialog stating "A Term cannot be deleted while a course is assigned to it." is displayed. The term was not deleted.	Dialog stating "A Term cannot be deleted while a course is assigned to it." appeared. Clicking Ok did not delete the term.		**Pass**
Term screen	Select the edit button.	Term edit screen displays.	Term edit screen displayed.		**Pass**
Term screen: edit term		Term fields are populated with the correct data.	Term fields are populated with the correct data.		**Pass**

Term screen: edit term	Select the start date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**
Term screen: edit term	Select the end date field.	The date selection dialog opens. Selecting a date populates the field selection.	Selected date and it populated the field.		**Pass**

Term screen: edit term	Change the name of the term and select the save button.	The term details screen opens and displays the updated data.	Term details opened and displayed the updated data.		**Pass**
Term screen	Select the add course button. Complete all fields and select save.	New Course screen displays. When all fields are completed and the save button selected, the course displays in the term details under course..	New course screen displayed. Completed all fields and selected save. The course appeared under the term details course section.		**Pass**

Term screen	Select the delete button and press the system back button when the dialog appears.	A confirmation dialog displays and the term is not deleted.	A confirmation dialog was displayed and the term was not deleted.		**Pass**
Term screen	Select the delete button and select OK when the dialog appears.	A confirmation dialog displays and the term is deleted.	A confirmation dialog was displayed and the term was deleted.		**Pass**