PROJECT 2

Cluster 4
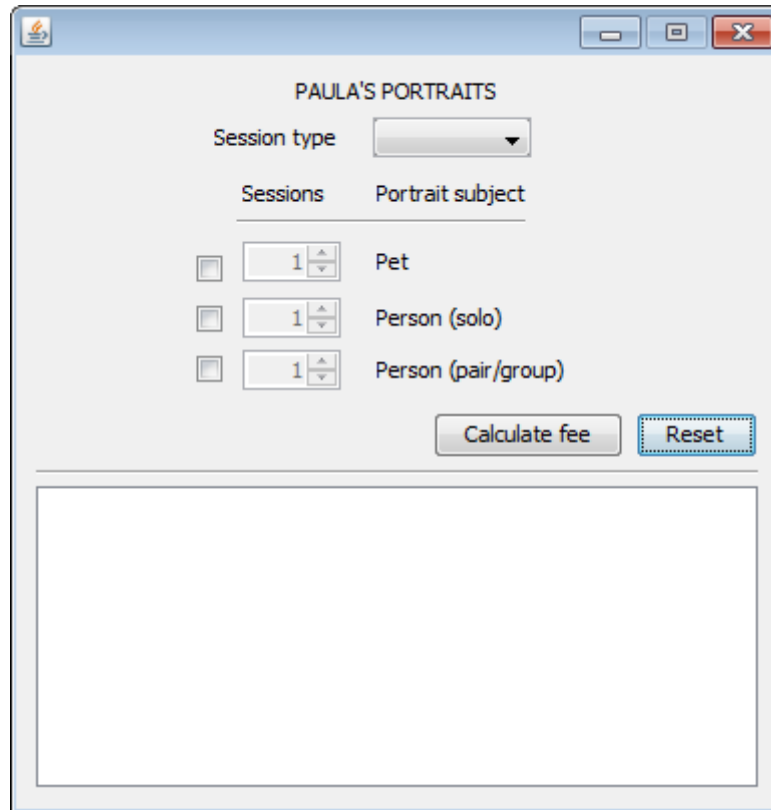
Testing and Documentation

TEST REPORT

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Initial state of the components

The words "initial state" to be used in this test report refers to the very first state of the components of the program: such as their selected index state, and checked or unchecked state.

As depicted in the image above, the following are the initial state of the components:
- Session type combo box – selected index is –1 or null
- Pet portrait subject checkbox – enabled and unchecked
- Person (solo) subject checkbox – enabled and unchecked
- Person (pair/group) subject checkbox – enabled and unchecked
- Pet portrait session spinner – value is set to 1 and disabled
- Person (solo) session spinner – value is set to 1 and disabled
- Person (pair/group) session spinner – value is set to 1 and disabled
- Total fee text area – null texts

TEST CASE IDENTIFICATION					
Title	TEST_CASE_01				
Objective or description	User attempts to click "Calculate fee" button without changing any of the state of the components				
No. of test steps or conditions	1	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS	
No.	**Setup description**
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS					
Step No.	**Step description**	**Component affected *or* data value**	**Expected results**	**Actual results**	**Status (Passed or Failed)**
1	Click "Calculate fee" button	session index = –1 pet checkbox person (solo) checkbox person (pair/group) checkbox	Program must display an error message: "Please select a session type."	Program displays an error message: "Please select a session type."	Passed

TEST CASE IDENTIFICATION					
Title	TEST_CASE_02				
Objective or description	User enters details for an in-studio session, without selecting any portrait subjects.				
No. of test steps or conditions	2	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS	
No.	**Setup description**
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS					
Step No.	**Step description**	**Component affected *or* data value**	**Expected results**	**Actual results**	**Status (Passed or Failed)**
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Click "Calculate fee" button	pet checkbox person (solo) checkbox person (pair/group) checkbox	Program must display an error message: "Please select at least one subject."	Program displays an error message: "Please select at least one subject."	Passed

TEST CASE IDENTIFICATION					
Title	TEST_CASE_03				
Objective or description	User selects portrait subjects, but leaving null value for the session type combo box.				
No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS	
No.	**Setup description**
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS					
Step No.	**Step description**	**Component affected *or* data value**	**Expected results**	**Actual results**	**Status (Passed or Failed)**
1	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
2	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox			Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	session index = –1	Program must display an error message: "Please select a session type."	Program must display an error message: "Please select a session type."	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_04
Objective or description	User enters details for an in-studio session with pet as a portrait subject.

No. of test steps or conditions	3	Cumulative hours required to write test case	0:05	Hours required to perform test	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Total fee	$ 95.00	$ 95.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_05
Objective or description	User enters details for an in-studio session with pet and person (solo) as portrait subjects.

No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Total fee	$ 135.00	$ 135.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_06
Objective or description	User enters details for an in-studio session, selecting all as portrait subjects.
No. of test steps or conditions	5	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox			Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 210.00	$ 210.00	Passed

TEST CASE IDENTIFICATION					
Title	TEST_CASE_07				
Objective or description	User enters details for an in-studio session, selecting person (solo) as a portrait subject.				
No. of test steps or conditions	3	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS	
No.	**Setup description**
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS					
Step No.	**Step description**	**Component affected _or_ data value**	**Expected results**	**Actual results**	**Status (Passed or Failed)**
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Total fee	$ 40.00	$ 40.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_08
Objective or description	User enters details for an in-studio session, selecting person (solo) and person (pair/group) as portrait subjects.

No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 115.00	$ 115.00	Passed

TEST CASE IDENTIFICATION					
Title	TEST_CASE_09				
Objective or description	User enters details for an in-studio session, selecting person (pair/group) as portrait subject.				
No. of test steps or conditions	3	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS	
No.	**Setup description**
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS					
Step No.	**Step description**	**Component affected *or* data value**	**Expected results**	**Actual results**	**Status (Passed or Failed)**
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox	Component must be in checked state.	Component must be in checked state.	Passed
3	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 75.00	$ 75.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_10
Objective or description	User enters details for an in-studio session, selecting pet and person (pair/group) as portrait subjects.

No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:02

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "In-studio" for session type.	session index = 0	In-studio must be selected.	In-studio is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component must be in checked state.	Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		In-studio session fee	$ 0.00	$ 0.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 170.00	$ 170.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_11
Objective or description	User enters details for an on location session with pet as a portrait subject.

No. of test steps or conditions	3	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Total fee	$ 185.00	$ 185.00	Passed

TEST CASE IDENTIFICATION					
Title	TEST_CASE_12				
Objective or description	User enters details for an on location session with pet and person (solo) as portrait subjects.				
No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS	
No.	**Setup description**
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS					
Step No.	**Step description**	**Component affected *or* data value**	**Expected results**	**Actual results**	**Status (Passed or Failed)**
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Total fee	$ 225.00	$ 225.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_13
Objective or description	User enters details for an on location session, selecting all as portrait subjects.
No. of test steps or conditions	5	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:03

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox			Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 300.00	$ 300.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_14
Objective or description	User enters details for an on location session, selecting person (solo) as a portrait subject.
No. of test steps or conditions	3	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Total fee	$ 130.00	$ 130.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_15
Objective or description	User enters details for an on location session, selecting person (solo) and person (pair/group) as portrait subjects.

No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick person (solo) checkbox for portrait subject.	person (solo) checkbox	Component must be in checked state.	Component is in checked state.	Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Person (solo) fee	$ 40.00	$ 40.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 205.00	$ 205.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_16
Objective or description	User enters details for an on location session, selecting person (pair/group) as portrait subject.

No. of test steps or conditions	3	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:01

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox	Component must be in checked state.	Component must be in checked state.	Passed
3	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 165.00	$ 165.00	Passed

TEST CASE IDENTIFICATION

Title	TEST_CASE_17
Objective or description	User enters details for an on location session, selecting pet and person (pair/group) as portrait subjects.
No. of test steps or conditions	4	**Cumulative hours required to write test case**	0:05	**Hours required to perform test**	0:02

TEST CASE SETUP / PREPARATION / CONDITIONS

No.	Setup description
1	The application must be installed and has been opened.
2	All components of the application must be in their initial state.

TEST CASE OVERVIEW AND TEST STEPS

Step No.	Step description	Component affected *or* data value	Expected results	Actual results	Status (Passed or Failed)
1	Select "On location" for session type.	session index = 0	On location must be selected.	On location is selected.	Passed
2	Tick pet checkbox for portrait subject.	pet checkbox	Component must be in checked state.	Component must be in checked state.	Passed
3	Tick person (pair/group) checkbox for portrait subject.	person (pair/group) checkbox			Passed
4	Click "Calculate fee" button	n/a	Total fee breakdown calculation must be displayed in the text area.	Total fee breakdown calculation is displayed in the text area.	Passed
		On location session fee	$ 90.00	$ 90.00	Passed
		Pet portrait fee	$ 95.00	$ 95.00	Passed
		Person (pair/group) fee	$ 75.00	$ 75.00	Passed
		Total fee	$ 260.00	$ 260.00	Passed