Application Manager System Test Plan

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Introduction
Open the Project in Eclipse and Run as ApplicationManagerGUI

Test Files
Test File: app1.txt
Content of app1.txt is as follows:

```
*1,Review,New,Application summary,,false,
-[Review] Note 1
*3,Interview,Old,Application summary,reviewer,false,
-[Review] Note 1
-[Interview] Note 2
that goes on a new line
*7,RefCheck,Old,Application summary,reviewer,true,
-[Review] Note 1
-[Interview] Note 2
-[RefCheck] Note 3
*14,Waitlist,New,Application summary,,false,ReviewCompleted
-[Review] Note 1
-[Waitlist] Note 2
that goes on a new line
*16,Offer,Old,Application summary,reviewer,true,
-[Review] Note 1
that goes on a new line
-[Interview] Note 2
-[RefCheck] Note 3
-[Offer] Note 4
*15,Closed,Hired,Application summary,reviewer,true,OfferCompleted
```

```
-[Review] Note 1
that goes on a new line
-[Interview] Note 2
-[RefCheck] Note 3
-[Offer] Note 4
-[Closed] Note 6
```

System Tests

Write at least 5 tests. We will grade the first five. Your tests should consider more complex scenarios than basic system startup and an invalid test file.

Test ID	Description	Expected Results	Actual Results
Test 1: TestAddAnApplication&LoadApp1.txt	Preconditions: The GUI is running 1. Click Add Application Button 2. In Application Summary, Type My First Application. 3. In Application Note, Type "Application Submitted". 4. Click Add Application to list. **Check Results** 5. Click File in Menu Bar 6. Click Load 7. Go to test-files and select app1.txt file and Click Open. **Check Results** **Close GUI**	The GUI now displays the following: '1' under Application ID column 'Review' under Application State column 'New' under Application Type Column 'My First Application' under Application Summary Column After Step 5, 5 additional applications displayed on the screen. The applications are as follows: '3' under Application ID column 'Interview' under Application State column	The GUI displays the following: '1' under Application ID column 'Review' under Application State column 'New' under Application Type Column 'My First Application' under Application Summary Column After Step 5, 5 additional applications displayed on the screen. The applications are as follows: '3' under Application ID column 'Interview' under Application State column

		'Old' under Application Type Column 'Application Summary' under Application Summary Column	'Old' under Application Type Column 'Application Summary' under Application Summary Column
		'7' under Application ID column 'RefCheck' under Application State column 'Old' under Application Type Column 'Application Summary' under Application Summary Column	'7' under Application ID column 'RefCheck' under Application State column 'Old' under Application Type Column 'Application Summary' under Application Summary Column
		'14' under Application ID column 'Waitlist' under Application State column 'New' under Application Type Column 'Application Summary' under Application Summary Column	'14' under Application ID column 'Waitlist' under Application State column 'New' under Application Type Column 'Application Summary' under Application Summary Column
		'15' under Application ID column 'Closed' under Application State column 'Hired' under Application Type Column	'15' under Application ID column 'Closed' under Application State column 'Hired' under Application Type Column

		'Application Summary' under Application Summary Column '16' under Application ID column 'Offer' under Application State column 'Old' under Application Type Column 'Application Summary' under Application Summary Column	'Application Summary' under Application Summary Column '16' under Application ID column 'Offer' under Application State column 'Old' under Application Type Column 'Application Summary' under Application Summary Column

Test 2: TestEditAReviewApplicationToClosingIt	Precondition: Test 1 Passed 1. Click on 1st Application with Application ID: 1 2. Click on Edit Selected Application. **Check Results** 3. Type "Rejecting Application" in Note. 4. Click on Reject Button. **Check Result** **Close GUI**	The GUI changes. A new Panel Application Information label appears on the Screen. It has Application ID, Application State, Application Summary, Application Type, Reviewer, Processed, Resolution fields of the Application. A Notes displaying panel. A command panel to manipulate the application, with a reviewerID input box and a notes input box with 4 Button Titled: ACCEPT, STANDBY, REJECT, CANCEL. The GUI changes back to the List stage. The Application state of Application ID is now changed to Closed. Application ID: 1 Application State: Closed Application Type: New Application Summary: My First Application	The GUI changes. A new Panel Application Information label appears on the Screen. It has Application ID, Application State, Application Summary, Application Type, Reviewer, Processed, Resolution fields of the Application. A Notes displaying panel. A command panel to manipulate the application, with a reviewerID input box and a notes input box with 4 Button Titled: ACCEPT, STANDBY, REJECT, CANCEL. The GUI changes back to the List stage. The Application state of Application ID is now changed to Closed. Application ID: 1 Application State: Closed Application Type: New Application Summary: My First Application
Test 3: TestDeletingClosedApplication	Precondition: Test2 Passed	The List Panel shows 5 Applications now instead of 6.	The List Panel shows 5 Applications now instead of 6.

		The Application at the top is an application with ID 3.	The Application at the top is an application with ID 3.
	1. Click on the Application with Application ID 1. 2. Click on Delete Selected Application. **Check Results** **Close GUI**		
Test 4: Reloading the same file.	Test 2 & Test 3 Passed 1. Click on File and Select Load. 2. Go to test-files/app1.txt **Check Result** **Close GUI**	Total Applications in the List is now 6. The application are as follows: Application ID: 1 Application State: Review Application Type: New Application Summary: Application summary Application ID: 3 Application State: Interview Application Type: Old Application Summary: Application summary Application ID: 7 Application State: RefCheck Application Type: Old Application Summary: Application summary Application ID: 14 Application State: Waitlist Application Type: New	Total Applications in the List is now 6. The application are as follows: Application ID: 1 Application State: Review Application Type: New Application Summary: Application summary Application ID: 3 Application State: Interview Application Type: Old Application Summary: Application summary Application ID: 7 Application State: RefCheck Application Type: Old Application Summary: Application summary Application ID: 14 Application State: Waitlist Application Type: New

		Application Summary: Application summary Application ID: 16 Application State: Offer Application Type: Old Application Summary: Application summary Application ID: 15 Application State: Closed Application Type: Hired Application Summary: Application summary	Application Summary: Application summary Application ID: 16 Application State: Offer Application Type: Old Application Summary: Application summary Application ID: 15 Application State: Closed Application Type: Hired Application Summary: Application summary
Test 5: Save File	Precondition: Test 1 & Test 2 Passed 1. Click File and Click on Save 2. Select Folder test-files 3. Save the file as STP_Output 1 **Close GUI**	The Output file should have the following output: *1,Closed,New,My First Application,false,ReviewCompleted -[Review] Application Submitted -[Closed] Rejecting Application *3,Interview,Old,Application summary,reviewer,false, -[Review] Note 1 -[Interview] Note 2 that goes on a new line *7,RefCheck,Old,Application summary,reviewer,true, -[Review] Note 1 -[Interview] Note 2 -[RefCheck] Note 3 *14,Waitlist,New,Application summary,,false,ReviewCompleted -[Review] Note 1 -[Waitlist] Note 2 that goes on a new line	The output in STP_Output1 is as follows: *1,Closed,New,My First Application,false,ReviewCompleted -[Review] Application Submitted -[Closed] Rejecting Application *3,Interview,Old,Application summary,reviewer,false, -[Review] Note 1 -[Interview] Note 2 that goes on a new line *7,RefCheck,Old,Application summary,reviewer,true, -[Review] Note 1 -[Interview] Note 2 -[RefCheck] Note 3 *14,Waitlist,New,Application summary,,false,ReviewCompleted -[Review] Note 1 -[Waitlist] Note 2 that goes on a new line

		*15,Closed,Hired,Application summary,reviewer,true,OfferCompleted -[Review] Note 1 that goes on a new line -[Interview] Note 2 -[RefCheck] Note 3 -[Offer] Note 4 -[Closed] Note 6 *16,Offer,Old,Application summary,reviewer,true, -[Review] Note 1 that goes on a new line -[Interview] Note 2 -[RefCheck] Note 3 -[Offer] Note 4	*15,Closed,Hired,Application summary,reviewer,true,OfferCompleted -[Review] Note 1 that goes on a new line -[Interview] Note 2 -[RefCheck] Note 3 -[Offer] Note 4 -[Closed] Note 6 *16,Offer,Old,Application summary,reviewer,true, -[Review] Note 1 that goes on a new line -[Interview] Note 2 -[RefCheck] Note 3 -[Offer] Note 4