

ApplicationManager: System Test Plan

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To run the tests:

1. Right click on ApplicationManagerGUI.java class in /ApplicationManager/src/ui
2. Select Run As > Java Application

Test Files (/test-files)

application_records.txt

```
*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,Old,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

Test ID	Description	Expected Results	Actual Results
Test 1: listNewApplications	Preconditions: None <ol style="list-style-type: none"> 1. Run ApplicationManagerGUI 2. From the file menu, select "Load". 3. From the file chooser, select: "test-files" folder and select filename "app1.txt", check results. 4. Select the button "List New Applications", check results. 	<p>After selecting the file app1.txt, the contents are processed and Applications are populated into the table in order by ID with columns "Application ID", "Application State", "Application Type" and "Application Summary" as below:</p> <ul style="list-style-type: none"> • 1, Review, New, Application summary • 3, Interview, Old, Application summary • 7, RefCheck, Old, Application summary • 14, Waitlist, New, Application summary • 15, Closed, Old, Application summary • 16, Offer, Old, Application summary <p>After selecting the "List New Applications" button, the table</p>	<p>After selecting the file app1.txt, the contents are processed and Applications are populated into the table in order by ID with columns "Application ID", "Application State", "Application Type" and "Application Summary" as below:</p> <ul style="list-style-type: none"> • 1, Review, New, Application summary • 3, Interview, Old, Application summary • 7, RefCheck, Old, Application summary • 14, Waitlist, New, Application summary • 15, Closed, Old, Application summary • 16, Offer, Old, Application summary <p>After selecting the "List New Applications" button, the table</p>

		<p>displays only Applications with Application Type of “New” as below:</p> <ul style="list-style-type: none"> • 1, Review, New, Application summary • 14, Waitlist, New, Application summary 	<p>displays only Applications with Application Type of “New” as below:</p> <ul style="list-style-type: none"> • 1, Review, New, Application summary • 14, Waitlist, New, Application summary
<p>Test 2: listOldApplications</p>	<p>Preconditions: Test 1 passed</p> <ol style="list-style-type: none"> 1. Select the button “List Old Applications”, check results. 	<p>After selecting the “List Old Applications” button, the table displays only Applications with Application Type of “Old” as below:</p> <ul style="list-style-type: none"> • 3, Interview, Old, Application summary • 7, RefCheck, Old, Application summary • 15, Closed, Old, Application summary • 16, Offer, Old, Application summary 	<p>After selecting the “List Old Applications” button, the table displays only Applications with Application Type of “Old” as below:</p> <ul style="list-style-type: none"> • 3, Interview, Old, Application summary • 7, RefCheck, Old, Application summary • 15, Closed, Old, Application summary • 16, Offer, Old, Application summary
<p>Test 3: listAllApplications</p>	<p>Preconditions: Test 1 passed</p> <ol style="list-style-type: none"> 1. Select the button “Show All Applications”, check results. 	<p>After selecting the “Show All Applications” button, the table displays all Applications. as below:</p> <ul style="list-style-type: none"> • 1, Review, New, Application summary • 3, Interview, Old, Application summary • 7, RefCheck, Old, Application summary 	<p>After selecting the “Show All Applications” button, the table displays all Applications. as below:</p> <ul style="list-style-type: none"> • 1, Review, New, Application summary • 3, Interview, Old, Application summary • 7, RefCheck, Old, Application summary

		<ul style="list-style-type: none"> • 14, Waitlist, New, Application summary • 15, Closed, Old, Application summary • 16, Offer, Old, Application summary 	<ul style="list-style-type: none"> • 14, Waitlist, New, Application summary • 15, Closed, Old, Application summary • 16, Offer, Old, Application summary
Test 4: deleteApplication	<p>Preconditions: Test 1 passed</p> <ol style="list-style-type: none"> 1. Select the application displayed in the list as: <ul style="list-style-type: none"> • 16, Offer, Old, Application summary 2. Select the button "Delete Selected Application", check results. 	<p>The application list is populated as before with 6 applications.</p> <p>After selecting the given application and the button, the application is deleted, there are now 5 applications, and the last application is:</p> <ul style="list-style-type: none"> • 15, Closed, Old, Application summary 	<p>The application list is populated as before with 6 applications.</p> <p>After selecting the given application and the button, the application is deleted, there are now 5 applications, and the last application is:</p> <ul style="list-style-type: none"> • 15, Closed, Old, Application summary
Test 5: addApplicationFullList	<p>Preconditions: Test 4 passed</p> <ol style="list-style-type: none"> 1. Select the button "Add New Application" 2. In the Add Application window, enter the following text into the "Application Summary" and "Application Note fields". <ul style="list-style-type: none"> • "Summary" • "Note 1" 3. Select the button "Add Application to List", check results. 	<p>After entering text into the given fields and selecting "Add Application to List", the application is populated into the application list with fields displayed as:</p> <ul style="list-style-type: none"> • 16, Review, New, Summary <p>It is displayed last in the application list, as ordered by id.</p>	<p>After entering text into the given fields and selecting "Add Application to List", the application is populated into the application list with fields displayed as:</p> <ul style="list-style-type: none"> • 16, Review, New, Summary <p>It is displayed last in the application list, as ordered by id.</p>

Test 6: createNewList	Preconditions: Test 5 passed 1. From the file menu, select “New”, check results.	The table is populated with Applications, then after selecting “New” the table is now empty.	The table is populated with Applications, then after selecting “New” the table is now empty.
Test 7: addApplicationEmptyList	Preconditions: Test 6 passed 1. Select the button “Add New Application”. 2. In the Add Application window, enter the following text into the “Application Summary” and “Application Note fields”. <ul style="list-style-type: none"> • “Summary” • “Note 1” 3. Select the button “Add Application to List”, check results.	After entering text into the given fields and selecting “Add Application to List”, the application is populated into the application list with fields displayed as: <ul style="list-style-type: none"> • 1, Review, New, Summary 	After entering text into the given fields and selecting “Add Application to List”, the application is populated into the application list with fields displayed as: <ul style="list-style-type: none"> • 1, Review, New, Summary
Test 8: editApplicationReviewToWaitlist	Preconditions: Test 7 passed 1. Select the previously added application displayed in the list as: <ul style="list-style-type: none"> • 1, Review, New, Summary 2. Select the button “Edit Selected Application”. 3. In the Edit Application window, in the Commands area of the window, enter the following text into the “Note” field: <ul style="list-style-type: none"> • “Note 2” 4. Select the “Standby” button.	After selecting the previously added application in the list, then the “Edit Selected Application” button, the new window displays the Application Information as: <ul style="list-style-type: none"> • Application Id: 1 • Application State: Review • Application Summary: Summary • Application Type: New • Reviewer: • Processed: false • Resolution: • Notes: 	After selecting the previously added application in the list, then the “Edit Selected Application” button, the new window displays the Application Information as: <ul style="list-style-type: none"> • Application Id: 1 • Application State: Review • Application Summary: Summary • Application Type: New • Reviewer: • Processed: false • Resolution: • Notes:

		<p>-[Review] Note 1</p> <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> 1, Waitlist, New, Summary 	<p>-[Review] Note 1</p> <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> 1, Waitlist, New, Summary
<p>Test 9: editApplicationWaitlistToReview</p>	<p>Preconditions: Test 8 passed</p> <ol style="list-style-type: none"> Select the application displayed in the list as: <ul style="list-style-type: none"> 1, Waitlist, New, Summary Select the button "Edit Selected Application". In the Edit Application window, in the Commands area of the window, enter the following text into the "Note" field: <ul style="list-style-type: none"> "Note 3" Select the "Reopen" button, check results. 	<p>After selecting the application in the list, then the "Edit Selected Application" button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> Application Id: 1 Application State: Waitlist Application Summary: Summary Application Type: New Reviewer: Processed: false Resolution: ReviewCompleted Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> 1, Review, Old, Summary 	<p>After selecting the application in the list, then the "Edit Selected Application" button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> Application Id: 1 Application State: Waitlist Application Summary: Summary Application Type: New Reviewer: Processed: false Resolution: ReviewCompleted Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> 1, Review, Old, Summary

<p>Test 10: editApplicationReview ToInterview</p>	<p>Preconditions: Test 9 passed</p> <ol style="list-style-type: none"> 1. Select the application displayed in the list as: <ul style="list-style-type: none"> • 1, Review, Old, Summary 2. Select the button “Edit Selected Application”. 3. In the Edit Application window, in the Commands area of the window, enter the following text into the “Note” field: <ul style="list-style-type: none"> • Reviewer Id: “Reviewer 1” • “Note 4” 4. Select the “Accept” button, check results. 	<p>After selecting the application in the list, then the “Edit Selected Application” button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> • Application Id: 1 • Application State: Review • Application Summary: Summary • Application Type: Old • Reviewer: • Processed: false • Resolution: • Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Interview, Old, Summary 	<p>After selecting the application in the list, then the “Edit Selected Application” button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> • Application Id: 1 • Application State: Review • Application Summary: Summary • Application Type: Old • Reviewer: • Processed: false • Resolution: • Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Interview, Old, Summary
<p>Test 11: editApplicationInterviewToRefCheck</p>	<p>Preconditions: Test 10 passed</p> <ol style="list-style-type: none"> 1. Select the application displayed in the list as: <ul style="list-style-type: none"> • 1, Interview, Old, Summary 2. Select the button “Edit Selected Application”. 3. In the Edit Application window, in the Commands area of the window, enter the following text: 	<p>After selecting the application in the list, then the “Edit Selected Application” button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> • Application Id: 1 • Application State: Interview 	<p>After selecting the application in the list, then the “Edit Selected Application” button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> • Application Id: 1 • Application State: Interview

	<ul style="list-style-type: none"> ● Reviewer Id: "Reviewer 2" ● Process Paperwork: checked ● Note field: "Note 5" <p>4. Select the "Accept" button, check results.</p>	<ul style="list-style-type: none"> ● Application Summary: Summary ● Application Type: Old ● Reviewer: Reviewer 1 ● Processed: false ● Resolution: ● Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> ● 1, RefCheck, Old, Summary 	<ul style="list-style-type: none"> ● Application Summary: Summary ● Application Type: Old ● Reviewer: Reviewer 1 ● Processed: false ● Resolution: ● Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> ● 1, RefCheck, Old, Summary
Test 12: editApplicationRefCheckToOffer	<p>Preconditions: Test 11 passed</p> <ol style="list-style-type: none"> 1. Select the application displayed in the list as: <ul style="list-style-type: none"> ● 1, RefCheck, Old, Summary 2. Select the button "Edit Selected Application". 3. In the Edit Application window, in the Commands area of the window, enter the following fields: <ul style="list-style-type: none"> ● Reviewer Id: "Reviewer 3" ● Process Paperwork: checked ● Note field: "Note 6" 5. Select the "Accept" button, check results. 	<p>After selecting the application in the list, then the "Edit Selected Application" button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> ● Application Id: 1 ● Application State: RefCheck ● Application Summary: Summary ● Application Type: Old ● Reviewer: Reviewer 2 ● Processed: true ● Resolution: ● Notes: 	<p>After selecting the application in the list, then the "Edit Selected Application" button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> ● Application Id: 1 ● Application State: RefCheck ● Application Summary: Summary ● Application Type: Old ● Reviewer: Reviewer 2 ● Processed: true ● Resolution: ● Notes:

		<ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 -[RefCheck] Note 5 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Offer, Old, Summary 	<ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 -[RefCheck] Note 5 <p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Offer, Old, Summary
Test 13: editApplicationOfferTo Closed	<p>Preconditions: Test 12 passed</p> <ol style="list-style-type: none"> 1. Select the application displayed in the list as: <ul style="list-style-type: none"> • 1, Offer, Old, Summary 2. Select the button "Edit Selected Application". 3. In the Edit Application window, in the Commands area of the window, enter the following fields: <ul style="list-style-type: none"> • Reviewer Id: "Reviewer 4" • Process Paperwork: checked • Note field: "Note 7" 4. Select the "Accept" button, check results. 	<p>After selecting the application in the list, then the "Edit Selected Application" button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> • Application Id: 1 • Application State: Offer • Application Summary: Summary • Application Type: Old • Reviewer: Reviewer 3 • Processed: true • Resolution: • Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 -[RefCheck] Note 5 -[Offer] Note 6 	<p>After selecting the application in the list, then the "Edit Selected Application" button, the new window displays the Application Information as:</p> <ul style="list-style-type: none"> • Application Id: 1 • Application State: Offer • Application Summary: Summary • Application Type: Old • Reviewer: Reviewer 3 • Processed: true • Resolution: • Notes: <ul style="list-style-type: none"> -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 -[RefCheck] Note 5 -[Offer] Note 6

		<p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Closed, Hired, Summary 	<p>After entering the text and selecting the button, the window returns to the Application List with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Closed, Hired, Summary
<p>Test 14: saveApplicationList</p>	<p>Preconditions: Test 13 passed</p> <ol style="list-style-type: none"> 1. From the file menu, select "Save". 2. From the file chooser, select: "test-files" folder and enter filename "act_app1_GUI.txt". 3. Open the saved file and check its contents. 	<p>The application list is populated with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Closed, Hired, Summary <p>After saving the list to a file, the contents are listed as:</p> <pre>*1,Closed,Hired,Summary,Reviewer,true,OfferCompleted -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 -[RefCheck] Note 5 -[Offer] Note 6 -[Closed] Note 7</pre>	<p>The application list is populated with the application displayed as:</p> <ul style="list-style-type: none"> • 1, Closed, Hired, Summary <p>After saving the list to a file, the contents are listed as:</p> <pre>*1,Closed,Hired,Summary,Reviewer,true,OfferCompleted -[Review] Note 1 -[Waitlist] Note 2 -[Review] Note 3 -[Interview] Note 4 -[RefCheck] Note 5 -[Offer] Note 6 -[Closed] Note 7</pre>