

Application Manager System Test Plan

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Introduction

The System Test Plan provides test cases for the functionality of the Application Manager.

To run the tests:

1. Right click on ApplicationManagerUI class in the Package Explorer.
2. Select Run As > Java Application.

Test Files

Prove the contents of any test files that are needed for testing.

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: Add Applications	<p>Preconditions: The ApplicationManagerUI has opened and loaded.</p> <ol style="list-style-type: none">1. Select Add New Application2. Enter "Summary 1" for Application Summary, "Note 1" for note, and click Add Application to List3. Select Add New Application4. Enter "Summary 2" for Application Summary, "Note 2" for note, and click Add Application to List	<p>Applications are added to list in order by ID. The application list displays three applications in order with IDs 1-3.</p> <p>All the applications are in the "Review" state with type "New".</p> <p>Application log displays: -1, Review, New, Summary 1 -2, Review, New, Summary 2</p>	<p>Test Passed.</p> <p>The application loads with six buttons: Show All Applications, List New Applications, List Old Applications, Add New Application, Delete Selected Application, and Edit Selected Application. The Application log populates with:</p> <p>-1, Review, New, Summary 1</p>

	<ol style="list-style-type: none"> 5. Select Add New Application 6. Enter "Summary 3" for Application Summary, "Note 3" for note, and click Add Application to List 7. Check <i>results</i> 8. Close GUI 	<p>-3, Review, New, Summary 3</p> <p>Display returned to the application list.</p>	<p>-2, Review, New, Summary 2 -3, Review, New, Summary 3</p> <p>All the applications are in the Review state with type New.</p>
Test 2: Update Application	<p>Preconditions: Test 1 has passed.</p> <ol style="list-style-type: none"> 1. Select Application ID 1 in the application list 2. Select Edit Selected Application 3. Check <i>results</i> 4. Select Accept 5. Check <i>results</i> 6. Enter Reviewer Id: "Reviewer 1" and Note: "Accepting app" 7. Select Accept 8. Check <i>results</i> 9. Select ID 1 in the application list 10. Select Edit Selected Application 11. Check <i>results</i> 12. Enter Reviewer Id: "Reviewer", Check Process paperwork, Enter Note: "Accept int" 13. Check <i>results</i> 14. Close GUI 	<p>Display transfers to the edit page which lists application information for current state of application:</p> <ul style="list-style-type: none"> -Application Id: 1 -Application State: "Review" -Application Summary: "Summary 1" -Application Type: "New" -Processed: "false" -Reviewer and Resolution are empty -Notes: "-[Review] Note 1" <p>Pop-up box displays, "Invalid information."</p> <p>Application list displays:</p> <ul style="list-style-type: none"> -1, Interview, Old, Summary 1 -2, Review, New, Summary 2 -3, Review, New, Summary 3 <p>Display transfers to the edit page:</p> <ul style="list-style-type: none"> -Application Id: 1 -Application State: "Interview" -Application Summary: "Summary 1" 	<p>Test Passed.</p> <p>After selecting edit for Application 1, the display transferred to the editing page. Here, all of Application 1's information was displayed accurately:</p> <ul style="list-style-type: none"> -Application ID: 1 -Application State: "Review" -Application Summary: "Summary 1" -Application Type: "New" -Processed: "false" -Reviewer and Resolution: <Empty> -Notes: "-[Review] Note 1" <p>After selecting Accept, a pop-up box appeared displaying the message, "Invalid information." Since nothing was entered for Reviewer ID and Note.</p> <p>After entering this information, the display returned to the application list which displayed:</p> <ul style="list-style-type: none"> -1, Interview, Old, Summary 1

		<p>Application Type: "Old" Reviewer: "Reviewer 1" Processed: "false" Resolution: <Empty> Notes: "-[Review] Note 1 \n – [Interview] Accepting app"</p> <p>Application list displays: -1, RefCheck, Old, Summary 1 -2, Review, New, Summary 2 -3, Review, New, Summary 3</p>	<p>-2, Review, New, Summary 2 -3, Review, New, Summary 3</p> <p>In deciding to edit Application 1 once again, the display returned to the editing page which displayed: -Application Id: 1 -Application State: "Interview" -Application Summary: "Summary 1" Application Type: "Old" Reviewer: "Reviewer 1" Processed: "false" Resolution: <Empty> Notes: "-[Review] Note 1 \n – [Interview] Accepting app"</p> <p>After entering a Reviewer ID, checking Process paperwork, and entering a Note, the application list displayed: -1, RefCheck, Old, Summary 1 -2, Review, New, Summary 2 -3, Review, New, Summary 3</p>
Test 3: List Old Applications	<p>Preconditions: Test 2 has passed.</p> <ol style="list-style-type: none"> 1. Select List Old Applications 2. Check <i>results</i> 3. Select Show All Applications 4. Check <i>results</i> 5. Close GUI 	<p>The application list populates with only one application: -1, Interview, Old, Summary 1</p> <p>The application list populates again with all three added applications: -1, Interview, Old, Summary 1</p>	<p>Test Passed. After selecting List Old Applications, the application list only displayed the one application that has moved passed the Review state: -1, Interview, Old, Summary 1</p>

		-2, Review, New, Summary 2 -3, Review, New, Summary 3	After selecting Show All Applications, the application list once again displayed all the previously added applications: -1, Interview, Old, Summary 1 -2, Review, New, Summary 2 -3, Review, New, Summary 3
Test 4: Reject Application	Preconditions: Test 2 has passed. 1. Select ID 1 in the application list 2. Select Edit Selected Application 3. Check <i>results</i> 4. Enter Reviewer Id: "Reviewer", Enter Note: "Reject app" 5. Select Reject 6. Check <i>results</i> 7. Close GUI	The display transfers to the edit page: -Application Id: 1 -Application State: "RefCheck" -Application Summary: "Summary 1" -Application Type: "Old" -Reviewer: "Reviewer" -Processed: "true" -Resolution: <Empty> -Notes: "-[Review] Note 1 \n – [Interview] Accepting app \n – [RefCheck] Accept int Display returns to the application list: -1, Closed, Old, Summary 1 -2, Review, New, Summary 2 -3, Review, New, Summary 3	Test Passed. After deciding to edit Application 1, the display transferred to the editing page. Here, all of Application 1's information was shown accurately: -Application Id: 1 -Application State: "RefCheck" -Application Summary: "Summary 1" -Application Type: "Old" -Reviewer: "Reviewer" -Processed: "true" -Resolution: <Empty> -Notes: "-[Review] Note 1 \n – [Interview] Accepting app \n – [RefCheck] Accept int After entering the necessary information and selecting Reject, the display returned to the application list which displayed: -1, Closed, Old, Summary 1 -2, Review, New, Summary 2 -3, Review, New, Summary 3

			Application 1 was now in the closed state.
Test 5: Waitlist Application	<p>Preconditions: Test 1 has passed.</p> <ol style="list-style-type: none"> 1. Select Application ID 3 in the application list 2. Select Edit Selected Application 3. Enter Reviewer ID: "Reviewer", and enter Note: "Accepting rev" 4. Select Accept 5. Select Application ID 3 in the application list 6. Select Edit Selected Application 7. Enter Reviewer ID: "Reviewer", and enter Note: "Waitlisting app" 8. Select Standby 9. Select Application ID 3 in the application list 10. Select Edit Selected Application 11. Check <i>results</i> 12. Close GUI 	<p>Display transfers to the edit page:</p> <ul style="list-style-type: none"> -Application Id: 3 -Application State: "Waitlist" -Application Summary: "Summary 3" -Application Type: "Old" -Reviewer: "Reviewer" -Processed: "false" -Resolution: "InterviewCompleted" -Notes: "-[Review] Note 3 \n – [Interview] Accepting rev \n – [Waitlist] Waitlisting app" 	<p>Test Passed.</p> <p>After following all the given directions and entering the application into Standby, the display transferred to the edit page. Here, Application 3's information was displayed accurately:</p> <ul style="list-style-type: none"> -Application Id: 3 -Application State: "Waitlist" -Application Summary: "Summary 3" -Application Type: "Old" -Reviewer: "Reviewer" -Processed: "false" -Resolution: "InterviewCompleted" -Notes: "-[Review] Note 3 \n – [Interview] Accepting rev \n – [Waitlist] Waitlisting app"