

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. Open the program in Eclipse.
2. Right click on ApplicationManagerGUI class in the Package Explorer.
3. Select Run As > Java Application.

Test Files

app1.txt

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*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
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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: Add Applications	<p>Preconditions: The ApplicationManagerUI has opened and loaded.</p> <ol style="list-style-type: none"> 1. Select Add New Application 2. Enter Application Summary: "Summary 1" and Note: "Note 1" 3. Select Add Application to List 4. Select Add New Application 5. Enter Application Summary: "Summary 2" and Note: "Note 2" 6. Click Add Application to List 7. Select Add New Application 8. Enter Application Summary: "Summary 3" and Note: "Note 3" 9. Click Add Application to List 10. Check <i>results</i> 11. Close GUI 	<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 -3, Review, New, Summary 3</p> <p>Display returned to the application list.</p>	<p>Test Passed. 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 -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> 	<p>Display transfers to the edit page which lists application information for current state of application: -Application Id: 1 -Application State: "Review"</p>	<p>Test Passed. After selecting edit for Application 1, the display transferred to the editing page. Here, all of Application 1's</p>

	<p>4. Select Accept</p> <p>5. Check <i>results</i></p> <p>6. Enter Reviewer Id: "Reviewer 1" and Note: "Accepting app"</p> <p>7. Select Accept</p> <p>8. Check <i>results</i></p> <p>9. Select Application ID 1 in the application list</p> <p>10. Select Edit Selected Application</p> <p>11. Check <i>results</i></p> <p>12. Enter Reviewer Id: "Reviewer", Check Process paperwork, Enter Note: "Accept int"</p> <p>13. Check <i>results</i></p> <p>14. Close GUI</p>	<p>-Application Summary: "Summary 1"</p> <p>-Application Type: "New"</p> <p>-Processed: "false"</p> <p>-Reviewer and Resolution are empty</p> <p>-Notes: "-[Review] Note 1"</p> <p>Pop-up box displays, "Invalid information."</p> <p>Application list displays:</p> <p>-1, Interview, Old, Summary 1</p> <p>-2, Review, New, Summary 2</p> <p>-3, Review, New, Summary 3</p> <p>Display transfers to the edit page:</p> <p>-Application Id: 1</p> <p>-Application State: "Interview"</p> <p>-Application Summary: "Summary 1"</p> <p>Application Type: "Old"</p> <p>Reviewer: "Reviewer 1"</p> <p>Processed: "false"</p> <p>Resolution: <Empty></p> <p>Notes: "-[Review] Note 1 \n – [Interview] Accepting app"</p> <p>Application list displays:</p> <p>-1, RefCheck, Old, Summary 1</p> <p>-2, Review, New, Summary 2</p> <p>-3, Review, New, Summary 3</p>	<p>information was displayed accurately:</p> <p>-Application ID: 1</p> <p>-Application State: "Review"</p> <p>-Application Summary: "Summary 1"</p> <p>-Application Type: "New"</p> <p>-Processed: "false"</p> <p>-Reviewer and Resolution: <Empty></p> <p>-Notes: "-[Review] Note 1"</p> <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> <p>-1, Interview, Old, Summary 1</p> <p>-2, Review, New, Summary 2</p> <p>-3, Review, New, Summary 3</p> <p>In deciding to edit Application 1 once again, the display returned to the editing page which displayed:</p> <p>-Application Id: 1</p> <p>-Application State: "Interview"</p> <p>-Application Summary: "Summary 1"</p> <p>Application Type: "Old"</p>
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			<p>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 -2, Review, New, Summary 2 -3, Review, New, Summary 3</p>	<p>Test Passed. After selecting List Old Applications, the application list only displayed the one application that has moved past the Review state: -1, Interview, Old, Summary 1</p> <p>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</p>
Test 4: Reject Application	<p>Preconditions: Test 2 has passed.</p> <ol style="list-style-type: none"> 1. Select ID 1 in the application list 2. Select Edit Selected Application 	<p>The display transfers to the edit page: -Application Id: 1 -Application State: "RefCheck"</p>	<p>Test Passed. After deciding to edit Application 1, the display transferred to the editing page.</p>

	<ol style="list-style-type: none"> 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 	<p>-Application Summary: "Summary 1"</p> <p>-Application Type: "Old"</p> <p>-Reviewer: "Reviewer"</p> <p>-Processed: "true"</p> <p>-Resolution: <Empty></p> <p>-Notes: "-[Review] Note 1 \n – [Interview] Accepting app \n – [RefCheck] Accept int"</p> <p>Display returns to the application list:</p> <p>-1, Closed, Old, Summary 1</p> <p>-2, Review, New, Summary 2</p> <p>-3, Review, New, Summary 3</p>	<p>Here, all of Application 1's information was shown accurately:</p> <p>-Application Id: 1</p> <p>-Application State: "RefCheck"</p> <p>-Application Summary: "Summary 1"</p> <p>-Application Type: "Old"</p> <p>-Reviewer: "Reviewer"</p> <p>-Processed: "true"</p> <p>-Resolution: <Empty></p> <p>-Notes: "-[Review] Note 1 \n – [Interview] Accepting app \n – [RefCheck] Accept int"</p> <p>After entering the necessary information and selecting Reject, the display returned to the application list which displayed:</p> <p>-1, Closed, Old, Summary 1</p> <p>-2, Review, New, Summary 2</p> <p>-3, Review, New, Summary 3</p> <p>Application 1 was now in the closed state after being rejected.</p>
Test 5: Load and Waitlist Application	<p>Preconditions: Test 1 has passed.</p> <ol style="list-style-type: none"> 1. Select File 2. Select Load 3. Select test-files/app1.txt and click Open 4. Check <i>results</i> 5. Select Application ID 3 in the application list 6. Select Edit Selected Application 	<p>The application list populated with six applications:</p> <p>-1, Review, New, Application summary</p> <p>-3, Interview, Old, Application summary</p> <p>-7, RefCheck, Old, Application summary</p>	<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> <p>-Application Id: 3</p>

	<p>7. Enter Reviewer ID: "Reviewer", and enter Note: "Waitlisting app"</p> <p>8. Select Standby</p> <p>9. Check results</p> <p>10. Select Application ID 3 in the application list</p> <p>11. Select Edit Selected Application</p> <p>12. Check <i>results</i></p> <p>13. Close GUI</p>	<p>-14, Waitlist, New, Application summary</p> <p>-15, Closed, Old, Application summary</p> <p>-16, Offer, Old, Application summary</p> <p>Application 3 was edited. The application list now displays:</p> <p>-1, Review, New, Application summary</p> <p>-3, Waitlist, Old, Application summary</p> <p>-7, RefCheck, Old, Application summary</p> <p>-14, Waitlist, New, Application summary</p> <p>-15, Closed, Old, Application summary</p> <p>-16, Offer, Old, Application summary</p> <p>Display transfers to the editing page:</p> <p>-Application Id: 3</p> <p>-Application State: "Waitlist"</p> <p>-Application Summary: "Application summary"</p> <p>-Application Type: "Old"</p> <p>-Reviewer: "Reviewer"</p> <p>-Processed: "false"</p> <p>-Resolution: "InterviewCompleted"</p>	<p>-Application State: "Waitlist"</p> <p>-Application Summary: "Summary 3"</p> <p>-Application Type: "Old"</p> <p>-Reviewer: "Reviewer"</p> <p>-Processed: "false"</p> <p>-Resolution: "InterviewCompleted"</p> <p>-Notes: "-[Review] Note 3 \n – [Interview] Accepting rev \n – [Waitlist] Waitlisting app"</p> <p>Since the application was waitlisting, its resolution displayed as "InterviewCompleted."</p>
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		<p>-Notes: “-[Review] Note 1 \n – [Interview] Note 2 \n that goes on a new line \n –[Waitlist] Waitlisting app</p>	
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