# &lt;Project Name&gt; Black Box Test Plan

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## Introduction

The required text files are the ones that were given in the Project document and are located in a test-files folder in the same Project and the programs. The program is started by right clicking src then select run as->Java application.

| Test ID | Description | Expected Results | Actual Results |
|---|---|---|---|
| Test 1: Create project | **Preconditions: none**<br><br>1. Start the GUI<br>2. Select File->New<br>3. Type in "WolfScheduler"<br>4. Select OK<br>5. Check results | The Current Project dropdown box should read WolfScheduler, and the Project: line should also read WolfScheduler. The project selection buttons should now be selectable. | The "Project:" line and the project dropdown box both show WolfScheduler |
| Test 2: Create story | **Preconditions: T1 passes**<br><br>1. Select Add User Story<br>2. Type the following fields:<br>&bull; Title: Load Catalog<br>&bull; As a: student<br>&bull; I want to: load a course catalog file<br>&bull; So I can: plan a schedule for next semester<br>3. Select Add to Project<br>4. Check Results | There should be one project in the GUI that reads ID: 0, State: Submitted, Title: Load Catalog. The developer field should remain empty. | The project with ID 0 is shown in the GUI and the developer field is empty |
| Test 3: Failed delete | **Preconditions: T2 passes**<br><br>1. Select Delete User Story<br>2. Check Results | Error message reading No user story selected should be shown. After OK is selected the GUI should remain the same as T2. | Message reading No user story selected was shown. After I selected OK the field returned. |
| Test 4: Create 2nd story | **Preconditions: T2 passes**<br><br>1. Select Add User Story<br>2. Type the following fields:<br>&bull; Title: Select Course<br>&bull; As a: student<br>&bull; I want to: select a course to add to my schedule<br>&bull; So I can: plan a schedule for next semester<br>3. Select Add to Project<br>4. Check Results | There should be two projects in the field. The one with ID 0 should be Load Catalog and the one with ID 1 should be Select Course. | Two projects are now in the field. Select Course is the lower one with ID 1. |
| Test 5: Delete story | **Preconditions: T4 passes**<br><br>1. Select the first User story with ID 0.<br>2. Select Delete User Story<br>3. check Results | There should only be one User story in the field and it should be Select Course with the ID of 1. | The Load Catalog is removed and is removed and the Select Course story remains in the field with ID 1. |

| Test 6: Submitted to Backlog | **Preconditions: t5 passes**<br><br>1. Select Edit User Story<br>2. Change Priority to Medium<br>3. Select Accept<br>4. Check results | The Select Course project should remain in the field but the State should have changed to Backlog | The select Course remains in the field, but is now in the Backlog state. |
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| Test 7: Assign a developer | **Preconditions: T6 passes**<br><br>1. Select Edit User Story<br>2. type zlsnowdo in the Developer Id field<br>3. Select Assign<br>4. Check Results | The ID and title should remain the same. The state should now show Working, and the developerId should show zlsnowdo. | The state has changed to working, and the developerId now reads zlsnowdo. |
| Test 8: Reopen a story | **Preconditions: T7 passes**<br><br>1. Select Edit User Story<br>2. Select Reopen<br>3. Check Results | The state should change to Backlog and the ID should remain 1. The developerId has been removed. | The developerId was removed and the state changed to Backlog. |
| Test 9: Review a story | **Preconditions: T6 passes**<br><br>1. Select Edit User Story<br>2. Select Review<br>3. Check results | The only thing that should change should be the state which is now Verifying. | The state changed to Verifying and everything else remained the same. |
| Test 10: Cancel a request | **Preconditions: T9 passes**<br><br>1. Select Edit User Story<br>2. Select Cancel<br>3. Check results | Nothing should have changed in the field and should look the same. | No differences in the field from T9. |
| Test 11: Confirm a story | **Preconditions: T9 passes**<br><br>1. Select Edit User Story<br>2. Select Confirm<br>3. Check results | The only thing that changed was that the state changed to Completed. | The state changed to completed and everything else remained the same. |
| Test 12: Reject a story | **Preconditions: T2 passes**<br><br>1. Select Edit User Story<br>2. Select Infeasible in Rejection Reason<br>3. Select Reject<br>4. Check Results | State should change to Rejected and the developer ID should still remain empty. | The state is now Rejected and the developer ID is still empty |
| Test 13: Load 1 Project | **Preconditions: none**<br><br>1. Select File->Load<br>2. Select test-files<br>3. Select project1.txt<br>4. Check results | There should be 6 user stories in the field with ID's 0-5. The first Title should be "Load Catalog" and the last should be "Post to Piazza". The first 3 should have developer Ids and the rest do not. When selecting the Current Project drop down there should only be the WolfScheduler project. | There are 6 user stories and only one project in the drop-down menu. The projects match the description to the left. |

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| Test 14: Load 2 projects | **Preconditions: none**<br><br>1. Select File->Load<br>2. Select test-files<br>3. Select project2.txt<br>4. Check results | The initial project on the screen should be the same as T13. When selecting the dropdown menu there should be a project PackScheduler. Once Update Project is selected a new project should be displayed on the screen with only one user story of ID 1 | There are two projects in the drop-down menu. The WolfScheduler project is the same as T13, and the PackScheduler only has one project with the ID 1. |
| Test 15: Load unorganized user stories | **Preconditions: none**<br><br>1. Select File->Load<br>2. Select test-files<br>3. Select project3.txt<br>4. Check results | There should only be one project in the dropdown menu and the stories should be in order from ID 0-5 exactly the same as T13. | The stories are in order by ID and looks the exact same as T13. |
| Test 16: Failed Edit User Story | **Preconditions: T15 passes**<br><br>1. Make sure no stories are selected<br>2. Select Edit User Story<br>3. Check results | An error message reading "No user story selected" should be shown on the screen. | A message that reads "No user story selected" is shown. |
| Test 17: Load Invalid File | **Preconditions: none**<br><br>1. Select File->Load<br>2. Select test-files<br>3. Select any file project3.txt-project27.txt<br>4. Check results | A message reading "Unable to read file" is read. No projects are imported | A message that reads "Unable to read file" is shown on the screen. No stories are on the screen after. |
| Test 18: Save Project | **Precondition: T15 passes**<br><br>1. Select File->Save<br>2. Select test-files<br>3. Type output.txt and then click save.<br>4. Check results | The output.txt file should look the same as project1.txt and should be the same as project3.txt but in order of ID | The project was saved in output.txt and looks the exact same as project1.txt |

**Document Revision History**

| Date | Author | Change Description |
|---|---|---|
| 10/08/20 | Zachary Snowdon | • Wrote all black box tests on this date |