

**ShipIT, An Interoffice Shipping Application**CS633 Software Quality, Testing and Security Management  
**Test Cases—Version 1.0**  
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January 24, 2017



## E. Test Cases

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 1 | Test Date | //2017 |
| Test Case  Description | Verify that a user can create a shipment of one or more packages for pickup.  Relevant data is mapped and user have access to the created shipment data. | | |
| Results | □ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the shipment system and correctly transferred between the different screens of the application.  Related to requirement number 1 and 2. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the shipment system. The proper permissions must be in place so that they can view all screens of the application. | | |
| **Test** | | | |
| Input | The user will need to enter entries for the following fields while completing the test on the create shipment screen of the application.  **User Input :**   * Destination Name – Enter receiver’s name * Destination Department – Enter receiver’s department * Sender Name – Enter sender’s name * Sender Department – Enter sender’s department * Notes – Enter description   **System Input :**   * Status – Default value (Ready for Pickup) * Track Number – Sequence number * Submitted Date – Data creation date | | |
| Procedural Steps | 1. Open the shipment application. 2. Navigate to the create shipment screen. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Save the change with submit button and close the screen. 5. Open up the track shipments screen. 6. Verify all the data is entered and mapped to the proper locations from the create shipment screen to the track shipments screen. 7. Repeat step 1-6 to verify that multiple shipments data is successfully transferred. | | |
| Expected Results | The test is a success if the values entered in the create shipment screen per the input and procedural steps listed above successfully map to the proper track shipments screen columns. The values entered should map as follows:   * Track Number → Track # * Status → Status * Submitted Date → Date Created * Destination Name → Destination Name * Destination Department → Destination Dept * Sender Name → Sender Name * Sender Department → Sender Dept | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The shipment application opens as expected.  Step 2: Application opens to the create shipment screen.  Step 3: All column headers exist and values are entered.  (Screenshot to be added)  Step 4: User is able to navigate to the track shipments screen.  Step 5: The corresponding data appears as entered on the create shipment screen from the track shipments screen.  (Screenshot to be added)  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments | Shipment data of one or more packages is created and stored in the JSON file. The most recently created item is populated in the track shipments list. | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 2 | Test Date | //2017 |
| Test Case  Description | Verify that a user can confirm a shipment of one or more packages.  Sender has confirmation that the shipment was completed successfully. | | |
| Results | □ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the tracking system and correctly transferred between the different screens of the application. Confirmed items are successfully printed.  Related to requirement number 3. | | |
| Set Up and Constrains | To complete this test the shipment data must be created. The user defined as a sender must view all shipment data. | | |
| **Test** | | | |
| Input | **System Input :**   * Status – Selected per dropdown menu * Track Number – Selected item | | |
| Procedural Steps | 1. Open the shipment application. 2. Navigate to the track shipments screen. 3. Select item to modify the status. 4. Open update status screen with the button. 5. Verify that displayed shipment track number is correct. 6. Update shipment status on the dropdown menu, save the change with save button and close the screen. 7. Open up the track shipments screen. 8. Verify the status is updated and mapped to the proper column to the track shipments screen. 9. Repeat step 1-6 to verify that multiple shipments status is successfully modified. | | |
| Expected Results | The test is a success if the values entered in the update status screen are correctly map to the designated shipment item.  The values entered should map as follows:   * Status → Status | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the track shipments screen.  Step 3: All shipment data exist and values are entered.  (Screenshot to be added)  Step 4: User is able to navigate to the update status screen.  Step 5: The corresponding shipment data appears and its status is able to be updated.  (Screenshot to be added)  Step 6-8: The application successfully saves and re-opens in the track shipments screen.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments | Shipment status of one or more packages is updated in the JSON file. | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 3 | Test Date | //2017 |
| Test Case  Description | Verify that a user can confirm a shipment of one or more packages / shipper has confirmation that the shipment was completed successfully. | | |
| Results | ⮽ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the defect tracking system and correctly transferred between the different screens of the application.  Related to requirement number 3. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the defect tracking system. The proper permissions must be in place so that they can view all tabs of the excel application. | | |
| **Test** | | | |
| Input | As a Shipper&Receiver, I can select a confirmation button corresponding to a tracking number or more, so that I can select which items have confirmation of been received.  As a Shipper&Receiver, I can print confirmation that an item has been received, so that I can have a physical receipt for record keeping or in case a proof is required.  The user will need to enter/select entries for the following fields while completing the test on the submitter tab of the application.   * Submitted Date – Enter date of test * Emp ID – Enter your own employee ID * Submitter Name – Enter your name * Submitter Department – Enter your department * Submitter Location – Enter your office location * Submitter Email – Enter your email address * Submitter Phone – Enter your phone number * Impact – Selected per dropdown menu * Urgency – Selected per dropdown menu * Summary – Enter text * Description – Enter text * Application – Selected per dropdown menu | | |
| Procedural Steps | 1. Open the excel based defect tracking application. 2. Navigate to the submitter tab. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Navigate to the tracker tab of the application. 5. Verify that the data entered on the submitter tab also now appears on the tracker tab where applicable. 6. Save the change and close the application. 7. Open up the excel based defect tracking application. 8. Verify all the data is still entered and mapped to the proper locations from the submitter tab to the tracker tab. | | |
| Expected Results | The test is a success if the values entered in the submitter tab per the input and procedural steps listed above successfully map to the proper tracker tab columns. The values entered should map as follows: (Submitter Column -> Tracker column)   * Emp ID -> Emp ID * Submitted Date -> Date Created * Impact -> Impact * Urgency -> Urgency * Description -> Description * Application -> Application | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the submitter tab.  Step 3: All column headers exist and values are entered.  (Screenshot)  Step 4: User is able to navigate to the tracker tab.  Step 5: The corresponding data appears as entered on the tracking tab from the submitter tab.  (Screenshot)  Step 6-8: The application successfully saves and re-opens with the newly entered data in the correct locations.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments |  | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 4 | Test Date | //2017 |
| Test Case  Description | Verify that a user can create a shipment of one or more packages for pickup / relevant data is mapped and interoffice courier is informed and completes the shipment. | | |
| Results | ⮽ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the defect tracking system and correctly transferred between the different screens of the application.  Related to requirement number 4. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the defect tracking system. The proper permissions must be in place so that they can view all tabs of the excel application. | | |
| **Test** | | | |
| Input | The user will need to enter/select entries for the following fields while completing the test on the submitter tab of the application.   * Submitted Date – Enter date of test * Emp ID – Enter your own employee ID * Submitter Name – Enter your name * Submitter Department – Enter your department * Submitter Location – Enter your office location * Submitter Email – Enter your email address * Submitter Phone – Enter your phone number * Impact – Selected per dropdown menu * Urgency – Selected per dropdown menu * Summary – Enter text * Description – Enter text * Application – Selected per dropdown menu | | |
| Procedural Steps | 1. Open the excel based defect tracking application. 2. Navigate to the submitter tab. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Navigate to the tracker tab of the application. 5. Verify that the data entered on the submitter tab also now appears on the tracker tab where applicable. 6. Save the change and close the application. 7. Open up the excel based defect tracking application. 8. Verify all the data is still entered and mapped to the proper locations from the submitter tab to the tracker tab. | | |
| Expected Results | The test is a success if the values entered in the submitter tab per the input and procedural steps listed above successfully map to the proper tracker tab columns. The values entered should map as follows: (Submitter Column -> Tracker column)   * Emp ID -> Emp ID * Submitted Date -> Date Created * Impact -> Impact * Urgency -> Urgency * Description -> Description * Application -> Application | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the submitter tab.  Step 3: All column headers exist and values are entered.  (Screenshot)  Step 4: User is able to navigate to the tracker tab.  Step 5: The corresponding data appears as entered on the tracking tab from the submitter tab.  (Screenshot)  Step 6-8: The application successfully saves and re-opens with the newly entered data in the correct locations.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments |  | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 5 | Test Date | //2017 |
| Test Case  Description | Verify that a user can create a shipment of one or more packages for pickup / relevant data is mapped and interoffice courier is informed and completes the shipment. | | |
| Results | ⮽ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the defect tracking system and correctly transferred between the different screens of the application.  Related to requirement number 5. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the defect tracking system. The proper permissions must be in place so that they can view all tabs of the excel application. | | |
| **Test** | | | |
| Input | The user will need to enter/select entries for the following fields while completing the test on the submitter tab of the application.   * Submitted Date – Enter date of test * Emp ID – Enter your own employee ID * Submitter Name – Enter your name * Submitter Department – Enter your department * Submitter Location – Enter your office location * Submitter Email – Enter your email address * Submitter Phone – Enter your phone number * Impact – Selected per dropdown menu * Urgency – Selected per dropdown menu * Summary – Enter text * Description – Enter text * Application – Selected per dropdown menu | | |
| Procedural Steps | 1. Open the excel based defect tracking application. 2. Navigate to the submitter tab. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Navigate to the tracker tab of the application. 5. Verify that the data entered on the submitter tab also now appears on the tracker tab where applicable. 6. Save the change and close the application. 7. Open up the excel based defect tracking application. 8. Verify all the data is still entered and mapped to the proper locations from the submitter tab to the tracker tab. | | |
| Expected Results | The test is a success if the values entered in the submitter tab per the input and procedural steps listed above successfully map to the proper tracker tab columns. The values entered should map as follows: (Submitter Column -> Tracker column)   * Emp ID -> Emp ID * Submitted Date -> Date Created * Impact -> Impact * Urgency -> Urgency * Description -> Description * Application -> Application | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the submitter tab.  Step 3: All column headers exist and values are entered.  (Screenshot)  Step 4: User is able to navigate to the tracker tab.  Step 5: The corresponding data appears as entered on the tracking tab from the submitter tab.  (Screenshot)  Step 6-8: The application successfully saves and re-opens with the newly entered data in the correct locations.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments |  | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 6 | Test Date | //2017 |
| Test Case  Description | Verify that a user can create a shipment of one or more packages for pickup / relevant data is mapped and interoffice courier is informed and completes the shipment. | | |
| Results | ⮽ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the defect tracking system and correctly transferred between the different screens of the application.  Related to requirement number 6. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the defect tracking system. The proper permissions must be in place so that they can view all tabs of the excel application. | | |
| **Test** | | | |
| Input | The user will need to enter/select entries for the following fields while completing the test on the submitter tab of the application.   * Submitted Date – Enter date of test * Emp ID – Enter your own employee ID * Submitter Name – Enter your name * Submitter Department – Enter your department * Submitter Location – Enter your office location * Submitter Email – Enter your email address * Submitter Phone – Enter your phone number * Impact – Selected per dropdown menu * Urgency – Selected per dropdown menu * Summary – Enter text * Description – Enter text * Application – Selected per dropdown menu | | |
| Procedural Steps | 1. Open the excel based defect tracking application. 2. Navigate to the submitter tab. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Navigate to the tracker tab of the application. 5. Verify that the data entered on the submitter tab also now appears on the tracker tab where applicable. 6. Save the change and close the application. 7. Open up the excel based defect tracking application. 8. Verify all the data is still entered and mapped to the proper locations from the submitter tab to the tracker tab. | | |
| Expected Results | The test is a success if the values entered in the submitter tab per the input and procedural steps listed above successfully map to the proper tracker tab columns. The values entered should map as follows: (Submitter Column -> Tracker column)   * Emp ID -> Emp ID * Submitted Date -> Date Created * Impact -> Impact * Urgency -> Urgency * Description -> Description * Application -> Application | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the submitter tab.  Step 3: All column headers exist and values are entered.  (Screenshot)  Step 4: User is able to navigate to the tracker tab.  Step 5: The corresponding data appears as entered on the tracking tab from the submitter tab.  (Screenshot)  Step 6-8: The application successfully saves and re-opens with the newly entered data in the correct locations.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments |  | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 7 | Test Date | //2017 |
| Test Case  Description | Verify that a user can create a shipment of one or more packages for pickup / relevant data is mapped and interoffice courier is informed and completes the shipment. | | |
| Results | ⮽ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the defect tracking system and correctly transferred between the different screens of the application.  Related to requirement number 7. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the defect tracking system. The proper permissions must be in place so that they can view all tabs of the excel application. | | |
| **Test** | | | |
| Input | The user will need to enter/select entries for the following fields while completing the test on the submitter tab of the application.   * Submitted Date – Enter date of test * Emp ID – Enter your own employee ID * Submitter Name – Enter your name * Submitter Department – Enter your department * Submitter Location – Enter your office location * Submitter Email – Enter your email address * Submitter Phone – Enter your phone number * Impact – Selected per dropdown menu * Urgency – Selected per dropdown menu * Summary – Enter text * Description – Enter text * Application – Selected per dropdown menu | | |
| Procedural Steps | 1. Open the excel based defect tracking application. 2. Navigate to the submitter tab. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Navigate to the tracker tab of the application. 5. Verify that the data entered on the submitter tab also now appears on the tracker tab where applicable. 6. Save the change and close the application. 7. Open up the excel based defect tracking application. 8. Verify all the data is still entered and mapped to the proper locations from the submitter tab to the tracker tab. | | |
| Expected Results | The test is a success if the values entered in the submitter tab per the input and procedural steps listed above successfully map to the proper tracker tab columns. The values entered should map as follows: (Submitter Column -> Tracker column)   * Emp ID -> Emp ID * Submitted Date -> Date Created * Impact -> Impact * Urgency -> Urgency * Description -> Description * Application -> Application | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the submitter tab.  Step 3: All column headers exist and values are entered.  (Screenshot)  Step 4: User is able to navigate to the tracker tab.  Step 5: The corresponding data appears as entered on the tracking tab from the submitter tab.  (Screenshot)  Step 6-8: The application successfully saves and re-opens with the newly entered data in the correct locations.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments |  | | |

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| **General Information** | | | |
| Test Type | ⮽ Functionality □ Positive □ Negative □ Performance □ Regression □ Overload | | |
| Test Number | 8 | Test Date | //2017 |
| Test Case  Description | Verify that a user can create a shipment of one or more packages for pickup / relevant data is mapped and interoffice courier is informed and completes the shipment. | | |
| Results | ⮽ Pass □ Fail | | |
| **Introduction** | | | |
| Requirement(s) to be tested | All relevant data is successfully captured by the defect tracking system and correctly transferred between the different screens of the application.  Related to requirement number 8. | | |
| Set Up and Constrains | To complete this test the user must be setup and have access to the defect tracking system. The proper permissions must be in place so that they can view all tabs of the excel application. | | |
| **Test** | | | |
| Input | The user will need to enter/select entries for the following fields while completing the test on the submitter tab of the application.   * Submitted Date – Enter date of test * Emp ID – Enter your own employee ID * Submitter Name – Enter your name * Submitter Department – Enter your department * Submitter Location – Enter your office location * Submitter Email – Enter your email address * Submitter Phone – Enter your phone number * Impact – Selected per dropdown menu * Urgency – Selected per dropdown menu * Summary – Enter text * Description – Enter text * Application – Selected per dropdown menu | | |
| Procedural Steps | 1. Open the excel based defect tracking application. 2. Navigate to the submitter tab. 3. Enter in values for the above mentioned columns, outlined in the input section of the test. 4. Navigate to the tracker tab of the application. 5. Verify that the data entered on the submitter tab also now appears on the tracker tab where applicable. 6. Save the change and close the application. 7. Open up the excel based defect tracking application. 8. Verify all the data is still entered and mapped to the proper locations from the submitter tab to the tracker tab. | | |
| Expected Results | The test is a success if the values entered in the submitter tab per the input and procedural steps listed above successfully map to the proper tracker tab columns. The values entered should map as follows: (Submitter Column -> Tracker column)   * Emp ID -> Emp ID * Submitted Date -> Date Created * Impact -> Impact * Urgency -> Urgency * Description -> Description * Application -> Application | | |
| **Actual Results** | | | |
| Actual Results | Relevant outputs from the procedural steps:  Step 1: The defect tracking application opens as expected.  Step 2: Application opens to the submitter tab.  Step 3: All column headers exist and values are entered.  (Screenshot)  Step 4: User is able to navigate to the tracker tab.  Step 5: The corresponding data appears as entered on the tracking tab from the submitter tab.  (Screenshot)  Step 6-8: The application successfully saves and re-opens with the newly entered data in the correct locations.  The test passed. All steps were able to be completed as expected with the outcomes that were listed in the test case. | | |
| Comments |  | | |