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| **Project:** Bobs Computer Repair Shop |  |
| **Course:** Web-425 |  |
| **Description:** Angular with TypeScript |  |
| **Date:** 2020/09/06 |  |
| **Version:** 1.0.0 |  |

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| Test 1 | **Bob’s Computer Repair Shop – Dialog Box Launches** | | | |
|  | **Test Objective:** Verifies whether create invoice button opens dialog button after options are chosen. | **Developer:** James Brown  **Date tested:** 9/3/2020 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select at least one service checkbox | Checkbox is selected | yes | <yes/no> |
| 2 | Enter a parts description | Parts field should allow text input | yes | <yes/no> |
| 3 | Enter labor hours | Labor field should allow a number input | yes | <yes/no> |
| 4 | Click Create Invoice | Create invoice should launch dialog box | yes | <yes/no> |
| **Comments** | This test is to ensure the user can submit the form and launch the dialog box. This is a key functionality of the first half of the application. |

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| Test 2 | **Bob’s Computer Repair Shop – Form Validation #2** | | | |
|  | **Test Objective:** This test is to ensure that at least 1 service is selected and both labor/parts fields are completed. | **Developer:** James Brown  **Date tested:** 9/3/2020 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select at least one service checkbox | Checkbox is selected | yes | <yes/no> |
| 2 | Enter a parts description | Parts field should allow text input | yes | <yes/no> |
| 3 | Enter labor hours | Labor field should allow a number input | yes | <yes/no> |
| 4 | Create Invoice button should become clickable. | Create Invoice button should move from disabled to now clickable | yes | <yes/no> |
| **Comments** | This test demonstrates that the form has validation, which requires all sections to be completed. Once all sections have been completed, the create invoice button will become clickable. | | | |

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| Test 3 | **Bob’s Computer Repair Shop – Service Amount Validation** | | | |
|  | **Test Objective:** This test is to ensure the selected amounts add up correctly. | **Developer:** James Brown  **Date tested:** 9/3/2020 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select checkbox for Password Reset | Checkbox is selected | yes | <yes/no> |
| 2 | Enter a parts description | Parts field should allow text input | yes | <yes/no> |
| 3 | Enter 1 in the labor field | Labor field should allow a number input | yes | <yes/no> |
| 4 | Click Create Invoice | Dialog Box Should launch | yes | <yes/no> |
| 5 | Review Total to ensure it is $89.99 | Total should display $89.99 | yes | <yes/no> |
| **Comments** | This test is to ensure the amounts associated with services and hours calculates the total owed correctly. It is crucial that the totals are correct, meaning that the selected services add up with the hours of labor\* $50 per hour. | | | |

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| Test 4 | **Bob’s Computer Repair Shop – Discard Button Resets the Form** | | | |
|  | **Test Objective:** Discard button needs to reset the form. | **Developer:** James Brown  **Date tested:** 9/3/2020 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select checkbox for Password Reset | Checkbox is selected | yes | <yes/no> |
| 2 | Enter a parts description | Parts field should allow text input | yes | <yes/no> |
| 3 | Enter 1 in the labor field | Labor field should allow a number input | yes | <yes/no> |
| 4 | Click Create Invoice | Dialog Box Should launch | yes | <yes/no> |
| 5 | Click Discard | Dialog should close and form selections should be cleared. | yes | <yes/no> |
| **Comments** | This test is mainly geared towards ensuring the form gets cleared after it is discarded. The form will reset if it is submitted or discarded. This allows us to ensure the form allows multiple retries without having to reload the page. | | | |

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| Test 5 | **Bob’s Computer Repair Shop – User is notified the invoice was submitted** | | | |
|  | **Test Objective:** | **Developer:** James Brown  **Date tested:** 9/3/2020 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Select checkbox for Password Reset | Checkbox is selected | yes | <yes/no> |
| 2 | Enter a parts description | Parts field should allow text input | yes | <yes/no> |
| 3 | Enter 1 in the labor field | Labor field should allow a number input | yes | <yes/no> |
| 4 | Click Create Invoice | Dialog Box Should launch | yes | <yes/no> |
| 5 | Click Create invoice | An alert should be displayed that displays “invoice submitted” | yes | <yes/no> |
| **Comments** | This test is to ensure the user knows the invoice was successfully submitted. In order for the application to be complete, this message lets the user know their requested actions have been fulfilled. | | | |