**Indiana University Southeast**

**2021-22 CSCI Capstone Project**

**Workshop Management Web Application**

**Sponsor: Dr. Suranga Hettiarachchi**

**Test Case Report**

**James Schlesener**

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| **Test Case #: 1** | Test Case Name: Login | Page 1 of 38 |
| System: Client | Subsystem: Login |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Test the login |  |  |
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| **Pre-Conditions**  The user is logged out. The user has a valid account. The user’s username is user1. The user’s password is pass12345. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Login page, | The system displays a form with Username and Password fields. | Pass |  |
| **2** | Type user1 in the Username field and pass12345 in the password field. Click Submit. | The Workshops page is displayed. | Pass |  |
| **3** | **Check Post-Condition 1** |  | Pass |  |

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| **Post-Conditions**  The user is logged in. |

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| **Test Case #: 2** | Test Case Name: Invalid Login | Page 1 of 38 |
| System: Client | Subsystem: Login |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Test the login. |  |  |
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| **Pre-Conditions**  The user is logged out. The user has a valid account. The user’s username is user1. The user’s password is pass12345. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Login page | The system displays a form with Username and Password fields. | Pass |  |
| **2** | Type user1 in the Username field and pass54321 in the password field. Click Submit. | The Login page displays. The Login form fields are blank. | Pass |  |
| **3** | **Check Post-Condition 2** |  | Pass |  |

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| **Post-Conditions**  The user is not logged in. |

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| **Test Case #: 3** | Test Case Name: Register | Page 2 of 38 |
| System: Client | Subsystem: Register |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Test the registration |  |  |
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| **Pre-Conditions**  none |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Register page. | The system displays a form with Username and Password fields. | Pass |  |
| **2** | Type user2 in the Username field and pass12345 in the password field. Click the submit button. | The Workshops page is displayed. | Pass |  |
| **3** | Click the Logout option on the Navigation bar. | The system displays the Login page. | Pass |  |
| **4** | Type user2 in the Username field and pass12345 in the password field. Click the submit button. | The Workshops page is displayed. | Pass |  |
| **3** | **Check Post-Condition 1** |  | Pass | Verified in database. |

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| **Post-Conditions**  The user is registered and logged in. |

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| **Test Case #: 4** | Test Case Name: All Workshops | Page 2 of 38 |
| System: Client | Subsystem: Workshops |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all workshops. |  |  |
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| **Pre-Conditions**  The user is logged in. Four workshops exist; 1 ending prior to today, 2 beginning before and ending after today’s date, and 1 beginning after today’s date. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. The drop-down will default to All. | The system displays the 4 workshops. | Pass |  |
| **2** | **Check Post-Condition 4** |  | Pass |  |

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| **Post-Conditions**  The Workshops page displays 4 workshops. |

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| **Test Case #: 5** | Test Case Name: Past Workshops | Page 3 of 38 |
| System: Client | Subsystem: Workshops |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display past workshops. |  |  |
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| **Pre-Conditions**  The user is logged in. Four workshops exist; 1 ending prior to today, 2 beginning before and ending after today’s date, and 1 beginning after today’s date. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. The drop-down will default to All. | The system displays the 4 workshops. | Pass |  |
| **2** | Select Past from the drop-down menu. | The system displays 1 workshop with and end date prior to today’s date. | Pass |  |
| **3** | **Check Post-Condition 5** |  | Pass |  |

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| **Post-Conditions**  The Workshops page displays 1 workshop that has ended. |

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| **Test Case #: 6** | Test Case Name: Current Workshops | Page 3 of 38 |
| System: Client | Subsystem: Workshops |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display current workshops. |  |  |
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| **Pre-Conditions**  The user is logged in. Four workshops exist; 1 ending prior to today, 2 beginning before and ending after today’s date, and 1 beginning after today’s date. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. The drop-down will default to All. | The system displays the 4 workshops. | Pass |  |
| **2** | Select Current from the drop-down menu. | The system displays 2 workshops with start dates prior to and end dates after today’s date. | Pass |  |
| **3** | **Check Post-Condition 6** |  | Pass |  |

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| **Post-Conditions**  The Workshops page displays 2 workshops that are in progress. |

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| **Test Case #: 7** | Test Case Name: Future Workshops | Page 4 of 38 |
| System: Client | Subsystem: Workshops |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display future workshops. |  |  |
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| **Pre-Conditions**  The user is logged in. Four workshops exist; 1 ending prior to today, 2 beginning before and ending after today’s date, and 1 beginning after today’s date. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. The drop-down will default to All. | The system displays the 4 workshops. | Pass |  |
| **2** | Select Future from the drop-down menu. | The system displays 1 workshop with a start date after today’s date. | Pass |  |
| **3** | **Check Post-Condition 7** |  | Pass |  |

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| **Post-Conditions**  The Workshops page displays 1 workshop that hasn’t started. |

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| **Test Case #: 8** | Test Case Name: Workshop Link | Page 5 of 38 |
| System: Client | Subsystem: Workshops |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Navigate to individual workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays at least 1 workshop. | Pass |  |
| **2** | Choose a workshop and click on the date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 8** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page displays with the info of the workshop. |

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| **Test Case #: 9** | Test Case Name: All Participants | Page 5 of 38 |
| System: Client | Subsystem: Participants |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all participants. |  |  |
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| **Pre-Conditions**  The user is logged in. Three participants exist; 2 that are assigned to a workshop and 1 that isn’t assigned to a workshop. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. The drop-down will default to All. | The system displays the 3 participants. | Pass |  |
| **2** | **Check Post-Condition 9** |  | Pass |  |

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| **Post-Conditions**  The Participants page displays 3 participants. |

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| **Test Case #: 10** | Test Case Name: Assigned | Page 6 of 38 |
| System: Client | Subsystem: Participants |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all assigned participants. |  |  |
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| **Pre-Conditions**  The user is logged in. Three participants exist; 2 that are assigned to a workshop and 1 that isn’t assigned to a workshop. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. The drop-down will default to All. | The system displays the 3 participants. | Pass |  |
| **2** | Select Assigned from the drop-down menu. | The system displays the 2 participants that are assigned to a workshop. | Pass | Verified in database. |
| **2** | **Check Post-Condition 10** |  | Pass |  |

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| **Post-Conditions**  The Participants page displays 2 participants that are assigned to workshops. |

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| **Test Case #: 11** | Test Case Name: Unassigned | Page 6 of 38 |
| System: Client | Subsystem: Participants |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all unassigned participants. |  |  |
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| **Pre-Conditions**  The user is logged in. Three participants exist; 2 that are assigned to a workshop and 1 that isn’t assigned to a workshop. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. The drop-down will default to All. | The system displays the 3 participants. | Pass |  |
| **2** | Select Unassigned from the drop-down menu. | The system displays the participant that is not assigned to a workshop. | Pass | Verified in database. |
| **2** | **Check Post-Condition 11** |  | Pass |  |

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| **Post-Conditions**  The Participants page displays the participant that is not assigned to a workshop. |

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| **Test Case #: 12** | Test Case Name: Participant Link | Page 7 of 38 |
| System: Client | Subsystem: Participants |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Navigate to individual participant. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays at least 1 participant. | Pass |  |
| **2** | Choose a participant and click on their name. | The system navigates to the View Participant page of the participant that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 12** |  | Pass |  |

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| **Post-Conditions**  The View Participant page displays with the info of the participant. |

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| **Test Case #: 13** | Test Case Name: All Equipment | Page 7 of 38 |
| System: Client | Subsystem: Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all equipment. |  |  |
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| **Pre-Conditions**  The user is logged in. Three equipment items exist; 2 that are checked out and 1 that isn’t checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. The drop-down will default to All. | The system displays the 3 equipment items. | Pass |  |
| **2** | **Check Post-Condition 13** |  | Pass |  |

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| **Post-Conditions**  The Equipment page displays 3 equipment items. |

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| **Test Case #: 14** | Test Case Name: Checked Out | Page 8 of 38 |
| System: Client | Subsystem: Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all checked out equipment. |  |  |
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| **Pre-Conditions**  The user is logged in. Three equipment items exist; 2 that are checked out and 1 that isn’t checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. The drop-down will default to All. | The system displays the 3 equipment items. | Pass |  |
| **2** | Select Checked Out from the drop-down menu. | The system displays the 2 equipment items that are checked out. | Pass | Verified in database. |
| **2** | **Check Post-Condition 14** |  | Pass |  |

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| **Post-Conditions**  The Equipment page displays 2 equipment items that are checked out to participants. |

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| **Test Case #: 15** | Test Case Name: Not Checked Out | Page 8 of 38 |
| System: Client | Subsystem: Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Display all equipment not checked out. |  |  |
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| **Pre-Conditions**  The user is logged in. Three participants exist; 2 that are assigned to a workshop and 1 that isn’t assigned to a workshop. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. The drop-down will default to All. | The system displays the 3 equipment items. | Pass |  |
| **2** | Select Not Checked Out from the drop-down menu. | The system displays the equipment item that is not checked out. | Pass | Verified in database. |
| **2** | **Check Post-Condition 15** |  | Pass |  |

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| **Post-Conditions**  The Equipment page displays the equipment item that is not checked out to a participant. |

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| **Test Case #: 16** | Test Case Name: Equipment Link | Page 9 of 38 |
| System: Client | Subsystem: Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Navigate to an individual equipment item. |  |  |
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| **Pre-Conditions**  The user is logged in. A equipment item exists. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays at least 1 equipment item. | Pass |  |
| **2** | Choose an equipment item. Click on its name. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 16** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page displays with the info of the equipment item. |

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| **Test Case #: 17** | Test Case Name: Zero Enrolled | Page 9 of 38 | |
| System: Client | Subsystem: View Workshop | |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 | |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 | |  |
| Short Description: Displays individual workshop with 0 enrolled. |  | |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 0 enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays at least 1 workshop with 0 enrolled. | Pass |  |
| **2** | Choose a workshop with 0 enrolled. Click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 17** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page is displayed with only the Workshop info displayed. The Participants header and Equipment header should not display. |

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| **Test Case #: 18** | Test Case Name: Two Participants | Page 10 of 38 |
| System: Client | Subsystem: View Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays workshop and 2 participants. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 2 enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays at least 1 workshop with 2 enrolled. | Pass |  |
| **2** | Choose a workshop with 2 enrolled. Click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 18** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page is displayed with the Workshop info displayed and the 2 participants displayed. The Equipment header should not display. |

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| **Test Case #: 19** | Test Case Name: 2 Participants 1 Equipment | Page 10 of 38 |
| System: Client | Subsystem: View Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays workshop, 2 participants, and 1 equipment item. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 2 enrolled with 1 participant having an equipment item checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the workshop with 2 enrolled. | Pass |  |
| **2** | Choose the workshop with 2 enrolled. Click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 19** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page is displayed with the Workshop info, the 2 participants, and the equipment item displayed. |

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| **Test Case #: 20** | Test Case Name: 2 Participants 3 Equipment | Page 11 of 38 |
| System: Client | Subsystem: View Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays workshop, 2 participants, and 3 equipment items assigned to 2 participants. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 2 enrolled with 1 participant having 2 equipment items and 1 participant having 1 equipment item checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the workshop with 2 enrolled. | Pass |  |
| **2** | Choose the workshop with 2 enrolled. Click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 20** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page is displayed with the Workshop info, the 2 participants, and the 3 equipment items displayed. |

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| **Test Case #: 21** | Test Case Name: Delete Workshop | Page 12 of 38 |
| System: Client | Subsystem: View Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Delete a workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 2 enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the workshop with 2 enrolled. | Pass |  |
| **2** | Choose the workshop with 2 enrolled. Click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | Click on the trash can icon. | The system navigates to the Workshops page. | Pass |  |
| **4** | **Check Post-Condition 21** |  | Pass | Verified in database. |

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| **Post-Conditions**  The workshop was deleted and does not appear in the list of workshops on the Workshops page. |

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| **Test Case #: 22** | Test Case Name: Participant Link | Page 13 of 38 |
| System: Client | Subsystem: View Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Link to the View Participant page. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 1 enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the workshop with 1 enrolled. | Pass |  |
| **2** | Choose the workshop with 1 enrolled and click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | Click on the name of the participant. | The system navigates to the View Participant page of the participant that was clicked on. | Pass |  |
| **4** | **Check Post-Condition 22** |  | Pass |  |

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| **Post-Conditions**  The View Participant page is displayed of the participant that was clicked on. |

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| **Test Case #: 23** | Test Case Name: Equipment Link | Page 13 of 38 |
| System: Client | Subsystem: View Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Link to the View Equipment page. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists with 1 enrolled with an equipment item checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the workshop with 1 enrolled. | Pass |  |
| **2** | Choose the workshop with 1 enrolled. Click its date range. | The system navigates to the View Workshop page of the workshop that was clicked on. | Pass |  |
| **3** | Click on the name of the equipment. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **4** | **Check Post-Condition 23** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page is displayed of the equipment item that was clicked on. |

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| **Test Case #: 24** | Test Case Name: Participant Only | Page 14 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual participant without a workshop and without equipment. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is not enrolled in a workshop and doesn’t have equipment checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is not enrolled and doesn’t have any equipment. | Pass |  |
| **2** | Choose the participant that is not enrolled and doesn’t have any equipment. Click on their name. | The system navigates to the View Participant page of the participant that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 24** |  | Pass |  |

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| **Post-Conditions**  The View Participant page is displayed with only the Participant info displayed. The Workshop header and Equipment header should not display. The trash can icon should display. |

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| --- | --- | --- |
| **Test Case #: 25** | Test Case Name: Workshop Only | Page 15 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual participant with a workshop and without equipment. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is enrolled in a workshop and doesn’t have equipment checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is enrolled and doesn’t have any equipment. | Pass |  |
| **2** | Choose the participant that is enrolled and doesn’t have any equipment. Click on their name. | The system navigates to the View Participant page of the participant that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 25** |  | Pass |  |

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| **Post-Conditions**  The View Participant page is displayed with the Participant info and Workshop info displayed. The Equipment header should not display. The trash can icon should display. |

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| --- | --- | --- |
| **Test Case #: 26** | Test Case Name: Equipment Only | Page 15 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual participant without a workshop and with 2 equipment items. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is not enrolled in a workshop and has 2 equipment items checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is not enrolled and has 2 equipment items checked out. | Pass |  |
| **2** | Choose the participant that is not enrolled and has 2 equipment items checked out. Click on their name. | The system navigates to the View Participant page of the participant that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 26** |  | Pass |  |

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| **Post-Conditions**  The View Participant page is displayed with the Participant info and Equipment info displayed. The Workshop header should not display. The trash can icon should not display. |

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| **Test Case #: 27** | Test Case Name: Workshop & Equipment | Page 16 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual participant with a workshop and 2 equipment items. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is enrolled in a workshop and has 2 equipment items checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is enrolled and has 2 equipment items checked out. | Pass |  |
| **2** | Choose the participant that is enrolled and has 2 equipment items checked out. Click on their name. | The system navigates to the View Participant page of the participant that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 27** |  | Pass |  |

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| **Post-Conditions**  The View Participant page is displayed with the Participant info, the Workshop info, and Equipment info displayed. The trash can icon should not display. | | |
| **Test Case #: 28** | Test Case Name: Workshop Link | Page 17 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Navigate to an individual workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is enrolled in a workshop. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is enrolled in a workshop. | Pass |  |
| **2** | Choose the participant that is enrolled in a workshop. Click on their name. | The system navigates to the View Participant page of the participant that was clicked on. The participant’s workshop info displays. | Pass |  |
| **3** | Click on the date range of the workshop. | The system navigates to the View Workshop page of the workshop that was clicked on. |  |  |
| **4** | **Check Post-Condition 28** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page is displayed that the participant is enrolled in. |

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| **Test Case #: 29** | Test Case Name: Equipment Link | Page 17 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Navigate to an individual equipment item. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that has equipment checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that has equipment checked out. | Pass |  |
| **2** | Choose the participant that has equipment checked out. Click on their name. | The system navigates to the View Participant page of the participant that was clicked on. The participant’s equipment info displays. | Pass |  |
| **3** | Click on name of an equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. |  |  |
| **4** | **Check Post-Condition 29** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page is displayed that the participant has checked out. |

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| **Test Case #: 30** | Test Case Name: Delete Participant with Workshop | Page 18 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Delete participant and navigate to individual workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is enrolled in a workshop and does not have equipment checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is enrolled in a workshop and does not have equipment checked out. The trash can icon displays. | Pass |  |
| **2** | Click on the trash can icon. | The system navigates to the View Workshop page that the participant was enrolled in. | Pass |  |
| **3** | **Check Post-Condition 30** |  | Pass | Verified in database. |

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| **Post-Conditions**  The View Workshop page is displayed that the participant was enrolled in. The participant has been deleted and doesn’t appear in the list of participants. |

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| **Test Case #: 31** | Test Case Name: Delete Participant without Workshop | Page 19 of 38 |
| System: Client | Subsystem: View Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Delete participant and navigate to Participants page. |  |  |
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| **Pre-Conditions**  The user is logged in. A participant exists that is not enrolled in a workshop and does not have equipment checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the participant that is not enrolled in a workshop and does not have equipment checked out. The trash can icon displays. | Pass |  |
| **2** | Click on the trash can icon. | The system navigates to the Participants page. | Pass |  |
| **3** | **Check Post-Condition 31** |  | Pass | Verified in database. |

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| **Post-Conditions**  The Participants page is displayed. The participant has been deleted and doesn’t appear in the list of participants. |

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| **Test Case #: 32** | Test Case Name: Equipment Only | Page 19 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual equipment item that is not checked out. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is not checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is not checked out. | Pass |  |
| **2** | Choose the equipment item that is not checked out. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 32** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page is displayed with the equipment item info. The Participant header and Workshop header should not display. |

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| **Test Case #: 33** | Test Case Name: Participant Only | Page 20 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual equipment item that is checked out where participant is not enrolled. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists is checked out to a participant who is not enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is checked out to a participant that is not enrolled. | Pass |  |
| **2** | Choose the equipment item that is checked out to a participant that is not enrolled. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 33** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page is displayed with the equipment item info and the participant info. The Workshop header should not display. |

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| **Test Case #: 34** | Test Case Name: Participant & Workshop | Page 21 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Displays individual equipment item that is checked out where participant is enrolled. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists is checked out to a participant who is enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is checked out to a participant that is enrolled. | Pass |  |
| **2** | Choose the equipment item that is checked out to a participant that is enrolled. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | **Check Post-Condition 34** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page is displayed with the equipment item info, the participant info, and the workshop info. |

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| **Test Case #: 35** | Test Case Name: Delete with Participant | Page 21 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Deletes equipment item and navigates to View Participant. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is checked out to a participant. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is checked out to a participant. | Pass |  |
| **2** | Click on the trash can icon. | The system navigates to the View Participant page of the participant that had the equipment checked out. | Pass |  |
| **3** | **Check Post-Condition 35** |  | Pass | Verified in database. |

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| **Post-Conditions**  The View Participant page of the participant that the equipment item was checked out to is displayed. The equipment item has been deleted. |

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| **Test Case #: 36** | Test Case Name: Delete without Participant | Page 22 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Deletes equipment item and navigates to Equipment page. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is not checked out to a participant. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is not checked out to a participant. | Pass |  |
| **2** | Click on the trash can icon. | The system navigates to the Equipment page. The equipment item is not displayed. | Pass |  |
| **3** | **Check Post-Condition 36** |  | Pass | Verified in database. |

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| **Post-Conditions**  The Equipment page is displayed. The equipment item has been deleted. |

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| **Test Case #: 37** | Test Case Name: Workshop Link | Page 23 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Workshop link navigates to the View Workshop page. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is checked out to a participant who is enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is checked out to a participant who is enrolled. | Pass |  |
| **2** | Click on the name of the equipment item that is checked out to a participant who is enrolled. | The system navigates to the Equipment page with the equipment, participant, and workshop info displayed. | Pass |  |
| **3** | Click on the date range of the workshop. | The system navigates to the View Workshop page with the workshop info, participant info, and equipment info displayed. | Pass |  |
| **4** | **Check Post-Condition 37** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page is displayed with the equipment item listed in the Equipment info. The participant that it is checked out to should be listed. The workshop info should correspond to the workshop that the participant is enrolled in. |

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| **Test Case #: 38** | Test Case Name: Participant Link | Page 23 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Participant link navigates to the View Participant page. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is checked out to a participant. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that is checked out to a participant. | Pass |  |
| **2** | Click on the name of the equipment item that is checked out to a participant. | The system navigates to the Equipment page with the equipment and participant info displayed. | Pass |  |
| **3** | Click on the name of the participant. | The system navigates to the View Participant page with the participant info and equipment info displayed. | Pass |  |
| **4** | **Check Post-Condition 38** |  | Pass |  |

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| **Post-Conditions**  The View Participant page is displayed with the equipment item listed in the Equipment info. The participant that it is checked out to should be listed. |

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| **Test Case #: 39** | Test Case Name: With Image | Page 24 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: View Equipment displays the image. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that has an image. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that has an image. | Pass |  |
| **2** | Click on the name of the equipment item that has an image. | The system navigates to the Equipment page with the equipment info displayed. The image of the equipment displays. | Pass |  |
| **3** | **Check Post-Condition 39** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page displays with the equipment info and the equipment image. |

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| **Test Case #: 40** | Test Case Name: Without Image | Page 25 of 38 |
| System: Client | Subsystem: View Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: View Equipment displays without an image. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that does not have an image. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the equipment item that does not have an image. | Pass |  |
| **2** | Click on the name of the equipment item that does not have an image. | The system navigates to the Equipment page with the equipment info displayed. An image does not display. | Pass |  |
| **3** | **Check Post-Condition 40** |  | Pass |  |

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| **Post-Conditions**  The View Equipment page displays with the equipment info without an equipment image. |

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| **Test Case #: 41** | Test Case Name: New Workshop | Page 25 of 38 |
| System: Client | Subsystem: Add Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add a new workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the Workshops page. | Pass |  |
| **2** | Click on the Add Workshop option on the navigation bar. | The system navigates to the Add Workshop page. | Pass |  |
| **3** | Fill out the add workshop form and click on Submit. | The system navigates to the Workshops page with the new workshop added to the list. |  |  |
| **4** | **Check Post-Condition 41** |  | Pass |  |

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| **Post-Conditions**  The Workshops page displays with the new workshop added. |

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| **Test Case #: 42** | Test Case Name: Edit Workshop | Page 26 of 38 |
| System: Client | Subsystem: Edit Workshop |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Edit workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the Workshops page with at least one workshop listed. | Pass |  |
| **2** | Click on date range of a workshop. | The system navigates to the View Workshop page. | Pass |  |
| **3** | Click on the Edit Workshop option on the navigation bar. | The system navigates to the Edit Workshop page with the info of the workshop that was clicked on populating the form. |  |  |
| **4** | Change some of the workshop info. Click on Submit. | The system navigates to the View Workshop page of the workshop item with the changes made. | Pass |  |
| **5** | **Check Post-Condition 42** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page displays with the workshop info changed. |

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| **Test Case #: 43** | Test Case Name: Add from View Workshop | Page 26 of 38 |
| System: Client | Subsystem: Add Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add a new participant from the View Workshop page. |  |  |
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| **Pre-Conditions**  The user is logged in. A workshop exists. |

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| --- | --- | --- | --- | --- |
| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Workshops page. | The system displays the Workshops page with at least 1 workshop listed. | Pass |  |
| **2** | Choose a workshop. Click on the date range of a workshop. | The system navigates to the View Workshop page of the workshop that was chosen. | Pass |  |
| **3** | Click on the Add Participant option on the navigation bar. | The system navigates to the Add Participant page. The Workshop field defaults to the workshop that was chosen. The rest of the form is blank. | Pass |  |
| **4** | Fill out the form with valid info without changing the workshop. Click on Submit. | The system navigates to the View Workshop page of the workshop that was chosen. The new participant displays. | Pass |  |
| **5** | **Check Post-Condition 43** |  | Pass |  |

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| **Post-Conditions**  The View Workshop page displays on the workshop that was chosen. The new participant has been added. |

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| **Test Case #: 44** | Test Case Name: Add from Participants | Page 27 of 38 |
| System: Client | Subsystem: Add Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add a new participant from the Participants page. |  |  |
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| **Pre-Conditions**  The user is logged in. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the Participants. | Pass |  |
| **2** | Click on the Add Participant option on the navigation bar. | The system navigates to the Add Participant page. The Workshop field defaults to Unassigned. The rest of the form is blank. | Pass |  |
| **3** | Fill out the form with valid info without changing the workshop. Click on Submit. | The system navigates to the Participants page. The new participant displays. | Pass |  |
| **4** | **Check Post-Condition 44** |  | Pass |  |

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| **Post-Conditions**  The Participants page displays. The new participant has been added. |

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| **Test Case #: 45** | Test Case Name: Edit No WS Change | Page 28 of 38 |
| System: Client | Subsystem: Edit Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Edit a participant without changing workshops. |  |  |
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| **Pre-Conditions**  The user is logged in. There is a participant not enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the Participants. | Pass |  |
| **2** | Choose a participant that is not enrolled in a workshop. Click on the name of a participant. | The system navigates to the View Participant of the chosen participant. | Pass |  |
| **3** | Click on the Edit Participant option on the navigation bar. | The Edit Participant page displays with the participant’s info populating the form. | Pass |  |
| **4** | Change some of the participant info while leaving the workshop unassigned. Click Submit. | The system navigates to the Participants page with the participant info changed. | Pass |  |
| **5** | **Check Post-Condition 45** |  | Pass |  |

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| **Post-Conditions**  The Participants page displays. The participant info has been updated. |

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| **Test Case #: 46** | Test Case Name: Asssigned to Unassigned | Page 29 of 38 |
| System: Client | Subsystem: Edit Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Changing a participant from assigned to unassigned. |  |  |
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| **Pre-Conditions**  The user is logged in. There is a participant who is enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the Participants with a participant who is enrolled in a workshop. | Pass |  |
| **2** | Choose the participant who is enrolled in a workshop. Click on the name of a participant. | The system navigates to the View Participant of the chosen participant. | Pass |  |
| **3** | Click on the Edit Participant option on the navigation bar. | The Edit Participant page displays with the participant’s info populating the form. | Pass |  |
| **4** | Change the workshop to Unassigned. Click Submit. | The system navigates to the Participants page. | Pass |  |
| **5** | Click on the name of the participant that was edited. | The system navigates to the View Participant page of the participant. The Workshop info should not display. | Pass |  |
| **6** | **Check Post-Condition 46** |  | Pass |  |

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| **Post-Conditions**  The participant is not enrolled in a workshop. |

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| **Test Case #: 47** | Test Case Name: Unassigned to Assigned | Page 29 of 38 |
| System: Client | Subsystem: Edit Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Changing a participant from unassigned to assigned. |  |  |
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| **Pre-Conditions**  The user is logged in. There is a participant who is not enrolled. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the Participants with a participant who is not enrolled in a workshop. | Pass |  |
| **2** | Choose the participant who is not enrolled in a workshop. Click on the name of a participant. | The system navigates to the View Participant of the chosen participant. | Pass |  |
| **3** | Click on the Edit Participant option on the navigation bar. | The Edit Participant page displays with the participant’s info populating the form. | Pass |  |
| **4** | Change the workshop to an existing workshop. Click Submit. | The system navigates to the View Participant page. The workshop info displayed is the workshop the participant was changed to. | Pass |  |
| **5** | **Check Post-Condition 47** |  | Pass |  |

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| **Post-Conditions**  The participant is enrolled in a workshop. |

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| **Test Case #: 48** | Test Case Name: Assigned Changed | Page 30 of 38 |
| System: Client | Subsystem: Edit Participant |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Changing a participant’s workshop. |  |  |
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| **Pre-Conditions**  The user is logged in. There is a participant who is enrolled. At least 2 workshops exist. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the Participants with a participant who is enrolled in a workshop. | Pass |  |
| **2** | Choose the participant who is enrolled in a workshop. Click on the name of a participant. | The system navigates to the View Participant of the chosen participant. | Pass |  |
| **3** | Click on the Edit Participant option on the navigation bar. | The Edit Participant page displays with the participant’s info populating the form. | Pass |  |
| **4** | Change the workshop to a different existing workshop. Click Submit. | The system navigates to the View Participant page. The workshop info displayed is the workshop the participant was changed to. | Pass |  |
| **5** | **Check Post-Condition 48** |  | Pass |  |

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| **Post-Conditions**  The participant is enrolled in a different workshop. |

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| **Test Case #: 49** | Test Case Name: From Participant | Page 31 of 38 |
| System: Client | Subsystem: Add Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add equipment from View Participant page. |  |  |
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| **Pre-Conditions**  The user is logged in. At least 1 participant exists. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Participants page. | The system displays the Participants with a participant listed. | Pass |  |
| **2** | Choose a participant. Click on the name of a participant. | The system navigates to the View Participant of the chosen participant. | Pass |  |
| **3** | Click on the Add Equipment option on the navigation bar. | The Add Equipment page displays with the participant’s name in the Participant field. The rest of the form is blank. | Pass |  |
| **4** | Add valid equipment info to the form. Click Submit. | The system navigates to the View Participant page. The chosen participant info displays with the equipment item added. | Pass |  |
| **5** | **Check Post-Condition 49** |  | Pass |  |

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| **Post-Conditions**  The equipment is added and assigned to the participant. |

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| **Test Case #: 50** | Test Case Name: From Equipment | Page 32 of 38 |
| System: Client | Subsystem: Add Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add equipment from the Equipment page. |  |  |
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| **Pre-Conditions**  The user is logged in. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Click on the Add Equipment option on the navigation bar. | The Add Equipment page displays with Not Checked Out in the Participant field. The rest of the form is blank. | Pass |  |
| **3** | Add valid equipment info to the form. Leave the Participant as Not Checked Out. Click Submit. | The system navigates to the Equipment page. The equipment item is added. | Pass |  |
| **4** | Click on the name of the added equipment. | The View Equipment page displays of the equipment. The Participant info is not displayed. | Pass |  |
| **5** | **Check Post-Condition 50** |  | Pass |  |

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| **Post-Conditions**  The equipment is added and not assigned to as participant. |

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| **Test Case #: 51** | Test Case Name: With Image | Page 32 of 38 |
| System: Client | Subsystem: Add Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add equipment with an image. |  |  |
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| **Pre-Conditions**  The user is logged in. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Click on the Add Equipment option on the navigation bar. | The Add Equipment page displays with Not Checked Out in the Participant field. The rest of the form is blank. | Pass |  |
| **3** | Add valid equipment info to the form. Add an image. Leave the Participant as Not Checked Out. Click Submit. | The system navigates to the Equipment page. The equipment item is added. | Pass |  |
| **4** | Click on the name of the added equipment. | The View Equipment page displays of the equipment. The image of the equipment displays. | Pass |  |
| **5** | **Check Post-Condition 51** |  | Pass |  |

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| **Post-Conditions**  The equipment is added with an image. |

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| **Test Case #: 52** | Test Case Name: Without Image | Page 33 of 38 |
| System: Client | Subsystem: Add Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Add equipment without an image. |  |  |
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| **Pre-Conditions**  The user is logged in. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Click on the Add Equipment option on the navigation bar. | The Add Equipment page displays with Not Checked Out in the Participant field. The rest of the form is blank. | Pass |  |
| **3** | Add valid equipment info to the form. Do not add an image. Leave the Participant as Not Checked Out. Click Submit. | The system navigates to the Equipment page. The equipment item is added. | Pass |  |
| **4** | Click on the name of the added equipment. | The View Equipment page displays of the equipment. An equipment image does not display. | Pass |  |
| **5** | **Check Post-Condition 52** |  | Pass |  |

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| **Post-Conditions**  The equipment is added without an image. |

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| **Test Case #: 53** | Test Case Name: Checked to Not Checked | Page 34 of 38 |
| System: Client | Subsystem: Edit Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Edit equipment changing from Checked Out to Not Checked Out. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is checked out to a participant. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Choose an equipment item that is checked out to a participant. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | Click on the Edit Equipment option on the navigation bar. | The system navigates to the Edit Equipment page. The equipment item info is populated in the form. | Pass |  |
| **4** | Change the Participant field to Not Checked Out. Click Submit. | The Equipment page displays with the equipment item listed. | Pass |  |
| **5** | Click on the edited equipment’s name. | The View Equipment page displayed the equipment info. The Participant info does not display. | Pass |  |
| **6** | **Check Post-Condition 53** |  | Pass |  |

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| **Post-Conditions**  The equipment is not checked out to a participant. |

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| **Test Case #: 54** | Test Case Name: Not Checked to Checked | Page 35 of 38 |
| System: Client | Subsystem: Edit Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Edit equipment changing from Not Checked Out to Checked Out. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is not checked out to a participant. A participant exists. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Choose an equipment item that is not checked out to a participant. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | Click on the Edit Equipment option on the navigation bar. | The system navigates to the Edit Equipment page. The equipment item info is populated in the form. | Pass |  |
| **4** | Change the Participant field to an existing participant. Click Submit. | The View Participant page displays with the participant info of the participant the equipment was assigned to. The equipment item info is displayed. | Pass |  |
| **5** | **Check Post-Condition 54** |  | Pass |  |

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| **Post-Conditions**  The equipment is updated from not checked out to being assigned to a participant. |

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| **Test Case #: 55** | Test Case Name: Change Participant | Page 35 of 38 |
| System: Client | Subsystem: Edit Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Equipment assigned to a different participant. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is checked out to a participant. At least 2 participants exist. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Choose an equipment item that is checked out to a participant. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | Click on the Edit Equipment option on the navigation bar. | The system navigates to the Edit Equipment page. The equipment item info is populated in the form. | Pass |  |
| **4** | Change the Participant field to a different participant. Click Submit. | The View Participant page displays with the participant info of the new participant the equipment was assigned to. The equipment item info is displayed. | Pass |  |
| **5** | **Check Post-Condition 55** |  | Pass |  |

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| **Post-Conditions**  The equipment is assigned to a different participant. |

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| **Test Case #: 56** | Test Case Name: Change Image | Page 36 of 38 |
| System: Client | Subsystem: Edit Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Equipment image changed. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item exists that is not checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Choose an equipment item that is not checked out. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | Click on the Edit Equipment option on the navigation bar. | The system navigates to the Edit Equipment page. The equipment item info is populated in the form. | Pass |  |
| **4** | Choose a new image for the Change Image field. Do not change any other fields. Click Submit. | The Equipment page displays with the equipment item listed. | Pass |  |
| **5** | Click on the name of the equipment item. | The View Equipment page displays with the equipment info. The new image displays. | Pass |  |
| **6** | **Check Post-Condition 56** |  | Pass |  |

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| **Post-Conditions**  The equipment is assigned a new image. |

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| **Test Case #: 57** | Test Case Name: Image Not Changed | Page 37 of 38 |
| System: Client | Subsystem: Edit Equipment |  |
| Designed by: James Schlesener | Design Date: 2/8/2022 |  |
| Executed by: James Schlesener | Execution Date: 4/20/2022 |  |
| Short Description: Equipment image changed. |  |  |
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| **Pre-Conditions**  The user is logged in. An equipment item that has an image exists and is not checked out. |

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| **Step** | **Action** | **Expected System Response** | **Pass/**  **Fail** | **Comment** |
| **1** | Navigate to the Equipment page. | The system displays the Equipment page. | Pass |  |
| **2** | Choose an equipment item that is not checked out. Click on the name of the equipment item. | The system navigates to the View Equipment page of the equipment item that was clicked on. | Pass |  |
| **3** | Click on the Edit Equipment option on the navigation bar. | The system navigates to the Edit Equipment page. The equipment item info is populated in the form. | Pass |  |
| **4** | Change the info in at least one field. Do not add an image to the Change Image field. Click Submit. | The Equipment page displays with the updated equipment item listed. | Pass |  |
| **5** | Click on the name of the equipment item. | The View Equipment page displays with the equipment info. The image displays. The updated equipment info displays. | Pass |  |
| **6** | **Check Post-Condition 57** |  | Pass |  |

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| **Post-Conditions**  The equipment is assigned a new image. |