**Story CF10**

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| **Story Name/ ID** | User Management (CRUD) - Admin | **Software Name/ Version** | Career Find 1.0 |
| **Revision Date** | 03/22/2020 | **Last Author** | Bob Caplin |
| **Requirements** | 2. Multi-User Accounts.   * An interface to create, update, and delete users. | | |
| **User Story** | As an Admin I would like to manage (CRUD) all user types (student, admin) from a listing of all users in the system. | | |

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| **Pre-test Data/ Scripts** |  |
| **Post-test Output** |  |

**Test pre-requisites and setup notes:**

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| Access to the Career Find site with credentials for ‘student’ and ‘admin’ type accounts. |

|  | **Step Description** | **Expected Result** | **Actual Result** |
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|  | Log in to the system using ‘admin’ credentials. Navigate from the ‘Main’ page to the ‘Manage Users’ page. | When logged in as an admin it is possible to navigate to ‘Manage Users’ from ‘Main’. | P |
|  | Ensure that components are available from ‘Manage Users’ to do the following:  - Create, Edit, and Delete user accounts - Filter accounts by ‘Class’ - Search filtered results by ‘username’ or ‘name’ - Enable or Disable Rewards - Return to the ‘Main’ page | Elements to perform the outlined tasks are available from ‘Manage Users’. | P  NOTE: The Reward System is a feature group consisting of CFs 23 through 28 and has not been implemented yet. It is not possible to Enable or Disable rewards at this time as a result. |
|  | Add a new student to the system:  username: jdoe name: Jane Doe password: password class: 2-B type: student | The student ‘Jane Doe’ has been added to the system. Her information is visible, her password is masked, her current reward value/ score is ‘0’ points. | P |
|  | Add a new student to the system:  username: gfield name: Gene Field password: password type: student | The student ‘Gene Field’ has been added to the system. His information is visible, his password is masked, his associated class is blank, his current reward value/ score is ‘0’ points. | P |
|  | Add a new admin to the system: username: jsmith name: John Smith password: password class: 2-B type: admin | The admin ‘John Smith’ has been added to the system. His information is visible, his password is masked, he has no reward value/ score. | P |
|  | Set the ‘class’ filter to ‘2-B’. | Only users associated with Class ‘2-B’ should be displayed. (jsmith, jdoe) | P  NOTE: The Search field in the upper right of the page now filters on all columns of the table. This works better than trying to filter columns individually. |
|  | Clear the ‘class’ filter. | All users within the system should be visible. (jdoe, gfield, jsmith, and any others) | P |
|  | Type ‘Gene Field’ into the search filter. | Visible users should filter down to ‘Gene Field’. | P  NOTE: The ‘name’ field was split into the ‘FName’ and ‘LName’ fields. If you type in a full name the search is unable to match any specific field. You can type in the first name and get a hit though… or the last name and get a hit. This functionality was not requested by the user and is fine as is. |
|  | Clear the search filter. | All users within the system should be visible. | P |
|  | Type ‘gfield’ into the search filter. | Visible users should filter down to ‘Gene Field’. | P |
|  | Clear the search filter. Set the ‘class’ filter to ‘2-B’. Type ‘gfield’ into the search filter. | No users should be displayed when a user cannot be found. | P  NOTE: Since all filtering is now done from the search field and applies to all columns it is not possible to do compound filtering like this. This was not functionality that was originally requested by the client. |
|  | Clear the search field. Edit Jane Doe’s account, ensuring you are able to modify the following:  - name - password - class - reward/ score - account type  NOTE: You should not be able to modify the username.  Return to the ‘Main’ page and come back to ‘Manage Users’. | Student accounts can be edited and changes are retained. | F  I am unable to edit any of the user fields. The GUI updates with changes however they do not make it over to the database. If I click ‘Manage Users’ after saving changes the old data is pulled back into the window. If I navigate back to the home page and try to log in as a user using a new password that has been assigned, I must enter the old password to log back in.    NOTE: Users are now identified in the database by ObjectID so it \*is\* possible to change the username. As the Reward System has not been implemented reward/ score/ points is no longer shown for users. All other fields can be edited though. |
|  | Edit John Smith’s account, ensuring you are able to modify the following:  - name - password - class - account type  NOTE: You should not be able to modify the username.  Return to ‘Main’ and come back to ‘Manage Users’. | Admin accounts can be edited and changes are retained. | F  I am unable to edit user accounts. See previous step. |
|  | Delete Gene Field’s account.  Return to ‘Main’ and come back to ‘Manage Users’. | Student accounts can be removed from the system. | P |
|  | Repeat step 4. | Deleted accounts are fully removed from the system, and can be recreated. | P |
|  | Logout of the system and log back in as Jane Doe. Ensure that the link to ‘Manage Users’ is not available from ‘Main’. Ensure that you are unable to access the ‘Manage Users’ page. | Students are unable to access the ‘Manage Users’ page. | F  While the ‘Manage Users’ link is not available to student accounts if log out from Manage Users and log back in as a Student you are taken to the Manage Users page. |
|  | Logout of the system and log back in as John Smith. Navigate to ‘Manage Users’ and attempt to delete the user John Smith. | Admins are unable to delete their own accounts. | F  Admins can delete their own accounts. |
|  | Log in using a different admin account and delete the accounts for Jane Doe, Gene Field, and John Smith. | Student and Admin accounts are fully removed from the system. | P |

**Validation:**

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| As an Admin I would like to manage (CRUD) all user types (student, admin) from a listing of all users in the system. |

**Test Log**

| **Date** | **Configuration** | **Tester** | **Result or Issue** | **Result** |
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| 04/26/2020 | Chrome 81 | Bob Caplin | *FAIL  NOTE: It is not possible to Edit users from ‘Manage Users’. It appears that you can only add or delete users. This issue is being tracked by bug #172520502 .  NOTE: If an admin user logs out from Manage Users and then logs back in as Student the Student is taken to the Manage Users page. This would not be a serious issue if everyone was restricted to their own device… in the case where devices are shared this could be problematic though.* | *FAIL* |

***Instructions:*** *Complete ‘Actual Result’ column, overwriting any previous entries while working through test case. When the test is completed insert a new row at the top of the test log and include a description of the issue if the test failed. Remember to update the revision date and author if you have made other changes to the test case.*