**Story CF02**

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| **Story Name/ ID** | Keyword Management (CRUD) - Admin | **Software Name/ Version** | CareerFind 1.0 |
| **Revision Date** | 03/27/2020 | **Last Author** | Bob Caplin |
| **Requirements** |  | | |
| **User Story** | As an Admin I want to manage (CRUD) the keywords (name, type: subject, interest) associated with career clusters. | | |

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| **Pre-test Data/ Scripts** |  |
| **Post-test Output** |  |
| **Implementation Notes** | Keywords are stored according to keywordModel.js. Keywords associated to clusters are also stored according to clusterModel.js. When associating a keyword to a cluster:  1. If the keyword is present within cluster.keywords[] an error message should be displayed as the keyword is already associated.  2. If the keyword is not already associated it should be added to cluster.keywords[].  3. If the keyword is not found within the keyword collection it should be added with the appropriate keyword.name.  4. After locating the keyword within the keyword collection the cluster should be added to keyword.associatedClusters[] for the appropriate keyword.name. The type should always be updated based on the value that is set on the current cluster detail page.   When deleting a keyword association from a cluster:  1. The keyword should be removed from cluster.keywords[].  2. The cluster name should be removed from keyword.associatedClusters[].  3. If keyword.associatedClusters[] is empty the document with the appropriate keyword.name should also be removed from the keyword collection.   [ NOTE: CF21 should address how deleted keywords are that might have previously been associated with student accounts should be cleaned. ] |

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

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| Admin access to the Career Find site. |

|  | **Step Description** | **Expected Result** | **Actual Result** |
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|  | Log into Career Find using an admin account. | You can access the ‘Main’ admin page. |  |
|  | Select a career cluster to navigate to the cluster detail page. | You can access cluster detail pages. |  |
|  | Add a new keyword association to the cluster of type ‘subject’. | Newly added keywords are associated with the cluster unless they conflict with currently associated keywords. |  |
|  | Add the keyword association created in step 3 to the cluster again. | An error message should prevent duplicate keyword associations from being added to the cluster. |  |
|  | Navigate back to ‘Main’. Select another career cluster and add the keyword from step 3 but this time change the type to ‘interest’. | Newly added keywords are associated with the cluster unless they conflict with currently associated keywords. |  |
|  | Navigate back to ‘Main’ and then to the career cluster changed in step 3. Verify that the keyword is now of type ‘interest’. | A keyword’s type is determined by the most recent addition to the system. |  |
|  | Delete the newly added keyword from the cluster detail page. | A warning is displayed asking you if you are sure when deleting keywords associated with the cluster. |  |
|  | Navigate back to ‘Main’. Select the career cluster modified in step 5. | The keyword deleted from the cluster in step 7 is still associated with this cluster. |  |
|  | Repeat step 7. | The keyword is removed from the cluster. |  |

**Validation:**

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| As an Admin I want to manage (CRUD) the keywords (name, type: subject, interest) associated with career clusters. |

**Test Log**

| **Date** | **Configuration** | **Tester** | **Result or Issue** | **Result** |
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|  |  |  | *<Pass/ Fail and description of why>* | *<Pass/ 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.*