**Sphinx Use Case Document**

Team Venture

Use Cases for Sphinx

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| **Primary Actor** | **Functional Area** | **Use Case** |
| User | Authentication / Authorization | * Log into system |
| User | Information Feeds | * View information streams based on system and user defined subscriptions |
| User | Entity Interactivity | * View more information about an entity * (UC003) Comment on Initiatives, Milestones, and Risks * (UC004) Vote on Initiatives, Milestones, and Risks * Watch entities |
| User | Entity Catalog and Search | * (UC001) Navigate to a catalog page of all accessible entities * (UC002) Sort and filter catalog of entities on various facets * (UC007) Execute ad-hoc search query |
| User | Entity Subscription | * View current subscriptions * (UC006) Update settings for default subscriptions * (UC008) Subscribe to a query on entities * Subscribe to a single entity with specific updates |
| Admin | System Administration | * Refresh internal database of event * (UC005) Change project management system settings * Assign administrator roles to other users * Monitor system health * Configure Sphinx Event rules |

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| **Use Case ID:** | **UC001** | | |
| **Use Case Name:** | Navigating to a catalog page of all accessible entities | | |
| **Created By:** | Samantha Shandrow | Last Updated By: | Chanel Matlock |
| **Date Created:** | 9/18/2013 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | User |
| **Description:** | User shall be able to navigate to default catalog page |
| **Trigger:** |  |
| **Preconditions:** | 1. Use is logged in to the system |
| **Postconditions:** | 1. The catalog page is shown to the user with no errors  2. A basic catalog will be shown with entries and a search bar with query options |
| **Normal Flow:** | 1 The user is initially at the home page following log in  2 The user clicks on the ‘Catalog’ page |
| **Alternative Flows:** | * 1. The user clicks on a saved query on the front page   2. Continue to 2 |
| **Exceptions:** |  |
| **Includes:** | Login |
| **Priority:** | High |
| **Frequency of Use:** | Daily |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** | 1. This can only be accessed as a logged on user |
| **Notes and Issues:** |  |

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| **Use Case ID:** | **UC002** | | |
| **Use Case Name:** | Sort and filter catalog of entities on various facets | | |
| **Created By:** | Samantha Shandrow | Last Updated By: | Chanel Matlock |
| **Date Created:** | 09/22/2013 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | User | | |
| **Description:** | User is able to search for initiative by specific keyword and sort | | |
| **Trigger:** |  | | |
| **Preconditions:** | 1. The user has logged into the system  2. The user has followed directions to the catalog page | | |
| **Postconditions:** | 1. The user has gotten a list of search results | | |
| **Normal Flow:** | 1. Type a search term into the search box  2. Click on any special options you would like  3. Click the ‘Search Button’  4. View displayed results  5. Click on the sort type of your choice  6. View sorted results | | |
| **Alternative Flows:** | * 1. Choose a saved search query   2. Continue to 4 | | |
| **Exceptions:** |  | | |
| **Includes:** | UC001 | | |
| **Priority:** | Medium | | |
| **Frequency of Use:** | One to many times a week | | |
| **Business Rules:** |  | | |
| **Special Requirements:** |  | | |
| **Assumptions:** |  | | |
| **Notes and Issues:** |  | | |
| **Use Case ID:** | **UC003** | | | |
| **Use Case Name:** | Comment on Initiatives, Milestones and Risks | | | |
| **Created By:** | Alec Lieberman | Last Updated By: | Chanel Matlock | |
| **Date Created:** | 9/21/13 | Date Last Updated: | 10/24/2013 | |

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| **Actors:** | User |
| **Description:** | When a user navigates to view an initiative, the user can make a comment on the initiative, one of its milestones or one of its risks. |
| **Trigger:** | User navigates to view more about an initiative. |
| **Preconditions:** | 1. User is logged in to the system.  2. User has access to initiatives in the system. |
| **Postconditions:** | 1. Comment is saved successfully on the initiative, milestone or risk.  2. Other users can view the comment that was made.  3. The comment is sent back to the project management system when data is synced. |
| **Normal Flow:** | 1. User navigates to the catalog page of initiatives.  2. User selects an initiative to learn more about.  3. System displays the information page for that initiative.  4. User types a comment in the text box for comments and clicks the submit button.  5. System posts the comment on the initiative page and saves the comment to the database. |
| **Alternative Flows:** | 1. System displays the information page for the selected initiative.  2. The user selects a milestone within that initiative to view.  3. System displays information about the selected milestone.  4. User enters text into the comment box for that milestone and clicks the submit button.  5. The comment is posted to the milestone and saved in the system. |
| **Exceptions:** | 1.E User enters invalid characters in the comment box and clicks the submit button.  2.E The system does not save the comment and displays an error message to the user detailing the problem with the characters. |
| **Includes:** |  |
| **Priority:** | High |
| **Frequency of Use:** | Many times a day |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** |  |
| **Notes and Issues:** |  |

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| **Use Case ID:** | **UC004** | | |
| **Use Case Name:** | Vote on Initiatives, Milestones and Risks | | |
| **Created By:** | Chanel Matlock | Last Updated By: | Chanel Matlock |
| **Date Created:** | 9/22/2013 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | User |
| **Description:** | While a user is viewing initiatives or milestones, the user is able to vote in favor of it |
| **Trigger:** | User is currently viewing an initiative or milestone |
| **Preconditions:** | 1. User is logged into the system.  2. User has access to the desired initiative.  3. User has not voted on the initiative. |
| **Postconditions:** | 1. User’s vote is saved.  2. Others can view that the user voted in favor of an initiative or milestone.  3. User is now watching the initiative. |
| **Normal Flow:** | 1. User clicks on ‘Vote’ on an initiative’s page.  2. Vote is saved for the initiative |
| **Alternative Flows:** | 1. User navigates to a milestone.  2. User clicks on ‘Vote’ on a milestone’s page.  3. Vote is saved for the milestone. |
| **Exceptions:** | 1.E The system fails to save the vote properly and suggests that the user should try again. |
| **Includes:** |  |
| **Priority:** | Medium |
| **Frequency of Use:** | Many times a day |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** |  |
| **Notes and Issues:** |  |

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| **Use Case ID:** | **UC005** | | |
| **Use Case Name:** | Change project management system settings | | |
| **Created By:** | Alec Lieberman | Last Updated By: | Chanel Matlock |
| **Date Created:** | 9/21/13 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | Admin |
| **Description:** | An admin wants to change the service endpoints of the project management system or the frequency that it pulls new content into Sphinx. |
| **Trigger:** | Admin navigates to the administration page. |
| **Preconditions:** | 1. Admin is logged into the system  2. Admin has valid credentials for accessing the admin page. |
| **Postconditions:** | 1. Project management system changes are reflected once settings are saved. |
| **Normal Flow:** | 1. Admin navigates to the administration page of the system.  2. System displays the various administrative tools.  3. Admin clicks on changing the polling time of bringing new content into the Sphinx system.  4. System displays the list of time options to choose from.  5. Admin selects a new time and clicks save.  6. Setting is saved in the system and the next poll will occur at the new specified time. |
| **Alternative Flows:** | 1. System displays the various administrative tools.  2. Admin clicks on changing the endpoints of the project management system.  3. System displays the old endpoints.  4. Admin enters new endpoints into a text box and clicks save.  5. System tests the new endpoints to make sure they are valid.  6. The test is successful and the setting is saved. |
| **Exceptions:** | 1. E User with non-admin credentials logs into the system and tries to access the admin page.  1. E.1 System denies user access to the page displaying an error message telling of invalid credentials.  2. E Admin enters invalid endpoints when trying to change them.  2. E.1 System tries to test the endpoints and cannot reach the project management system.  2. E.2 System displays an error message to the admin telling them the endpoints they entered are invalid. |
| **Includes:** |  |
| **Priority:** | Medium |
| **Frequency of Use:** | 1-2 times per month |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** |  |
| **Notes and Issues:** |  |

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| **Use Case ID:** | **UC006** | | |
| **Use Case Name:** | Update settings for default subscriptions | | |
| **Created By:** | Chanel Matlock | Last Updated By: | Chanel Matlock |
| **Date Created:** | 9/22/2013 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | User |
| **Description:** | User shall be able to set generic settings for updates on new subscriptions |
| **Trigger:** |  |
| **Preconditions:** | 1. The user is logged into the system.  2. User is at the dashboard. |
| **Postconditions:** | 1. The user’s default settings have been changed. |
| **Normal Flow:** | 1. The user navigates to Subscription Settings page.  2. The user is shown their current settings.  3. The user is able to opt in for automatically subscribing to date changes, team changes, milestone changes, comment updates, vote updates, etc.  4. The user hits ‘Save’.  5. The new default subscription settings will be saved for the user. |
| **Alternative Flows:** | 4.1 The User hits ‘Cancel’.  4.2 The settings are reverted back to their original state. |
| **Exceptions:** |  |
| **Includes:** |  |
| **Priority:** | Medium |
| **Frequency of Use:** | Once a month |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** |  |
| **Notes and Issues:** |  |

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| **Use Case ID:** | **UC007** | | |
| **Use Case Name:** | Execute ad-hoc search query | | |
| **Created By:** | Stephen Yingling | Last Updated By: | Chanel Matlock |
| **Date Created:** | 9/23/2013 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | User |
| **Description:** | The system supports the ability to search for queries based on a number of criteria. These search queries can be used to find projects you may be interested in or even to have projects matching the query appear in the main feed. |
| **Trigger:** | A user wants to see all projects that meet certain criteria |
| **Preconditions:** | 1. User is logged into the system |
| **Postconditions:** | 1. A list of projects that fall within the searched criteria are displayed on the screen |
| **Normal Flow:** | 1. User navigates to the search page.  2. User enters text into the search field if desired.  3. User selects or deselects options in the search criteria sidebar such as Sponsor Teams, Sponsors, and Initiative Business Units.  4. User selects the “Search” option |
| **Alternative Flows:** | 4.1 User selects the “Reset” option to deselect all the selected options and clear the search text field |
| **Exceptions:** |  |
| **Includes:** | Authentication |
| **Priority:** | High |
| **Frequency of Use:** | A few times a day initially, a few times a week after about 3 weeks |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** |  |
| **Notes and Issues:** |  |

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| **Use Case ID:** | **UC008** | | |
| **Use Case Name:** | Subscribe to a query on entities | | |
| **Created By:** | Stephen Yingling | Last Updated By: | Chanel Matlock |
| **Date Created:** | 9/23/2013 | Date Last Updated: | 10/24/2013 |

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| **Actors:** | User |
| **Description:** | Users will be able to save queries so that the query can be used to get information for their dashboard feed |
| **Trigger:** | User has a query they want to save |
| **Preconditions:** | 1. User is authenticated  2. User has searched for initiative as outlined in UC007 |
| **Postconditions:** | 1. The query is saved and used to filter information for the main dashboard feed. |
| **Normal Flow:** | 1. The user searches for initiatives as outlined in use case UC007  2. The user selects the “Save to Subscription” option.  3. The user enters a name and description for their saved query.  4. The user selects which events they want to be shown from a list of events.  5. The user selects the “Save” button |
| **Alternative Flows:** | 5.1 The user selects the “Cancel” button |
| **Exceptions:** |  |
| **Includes:** |  |
| **Priority:** | High |
| **Frequency of Use:** | A few times a day initially, a few times a week after about 3 weeks. |
| **Business Rules:** |  |
| **Special Requirements:** |  |
| **Assumptions:** |  |
| **Notes and Issues:** |  |

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