**Knowledge sharing platform test plans**

1. **User authentication and authorization with Active Directory integration**

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| ID: | 1 | Description | User authentication and authorization with Active Directory integration |
| Test Type | Quality test | **Success criteria**: | User authentication and authorization should work seamlessly with Active Directory integration. Users should be able to log in with their Active Directory credentials and access the system with appropriate permissions |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of requirements | Active Directory server, test user accounts | | |
| Setup instructions | * Set up the test environment with the Active Directory server. * Configure the integration between the system and the Active Directory server. * Create a set of test user accounts in the Active Directory. * Verify that the system allows users to log in using their Active Directory credentials. * Ensure that the system correctly authorizes users based on their Active Directory | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **User profile creation and management**

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| --- | --- | --- | --- |
| ID: | 2 | Description | User profile creation and management |
| Test Type | **Quality test** | **Success criteria**: | Users should be able to view and manage their profiles successfully. |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of requirements | Test user accounts | | |
| Setup instructions | * Access the system with a test user account. * Navigate to the section. * Test the ability ensure all Active directory information is correct. | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **Content creation, including articles, books, and open texts, with the ability to tag and search for content**

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| --- | --- | --- | --- |
| ID: | 3 | Description | Content creation, including articles, books, and open texts, with the ability to tag and search for content |
| Test Type | **Quality test** | **Success criteria**: | Users should be able to create different types of content such as articles, books, and open texts. The content should be taggable and searchable, allowing users to easily find relevant content |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of requirements | Test user accounts | | |
| Setup instructions | * Log in to the system with a test user account. * Navigate to the content creation section. * Create content of various types, such as articles, books, and open texts. * Verify that the system allows tagging of the content with relevant keywords or tags. * Save the content and ensure it is searchable within the system. * Perform searches using different tags and verify that the content is returned correctly. | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **Recommended post feed for users based on their liked tags.**

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| --- | --- | --- | --- |
| ID: | 4 | Description | Users should receive a personalized post feed based on their interests and engagement history |
| Test Type | **Quality test** | **Success criteria**: | Users should receive a personalised post feed based on their liked tags |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of equipment/ requirements | Test user accounts | | |
| Setup instructions | * Log in to the system with a test user account. * Go onto the profile. * Add a liked tag. * Navigate to the post feed section and check if the recommended posts are based on liked tags. | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **User feedback and discussion features for each post.**

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| --- | --- | --- | --- |
| ID: | 5 | Description | User feedback and discussion features for each post |
| Test Type | **Quality test** | **Success criteria**: | Users should be able to provide feedback and engage in discussions for each post. This includes features like liking, commenting, and sharing posts |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of equipment/ requirements | Test user accounts | | |
| Setup instructions | * Log in to the system with a test user account. * Navigate to a post within the system. * Verify that users can like and comment. * Test the functionality of each feedback and discussion feature to ensure they work correctly. * Verify that the feedback and discussions are visible to other users as intended. | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **Analytics and reporting features for users to track user engagement and content performance.**

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| --- | --- | --- | --- |
| ID: | 6 | Description | Analytics and reporting features for users to track user engagement and content performance |
| Test Type | **Quality test** | **Success criteria**: | Users should have access to analytics features that allow them to track their engagement with the system. This includes tracking total amount of posts, likes, and comments. |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of equipment/ requirements | Test user accounts | | |
| Setup instructions | * Log in to the system with a test user account. * Access the analytics section of the profile. * Verify that users can view relevant metrics such as total posts, likes, and comments data. * Test the accuracy of the analytics features by comparing the data with actual user actions. * Ensure that the data is presented in a clear and understandable format for users. | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **Liking of tags.**

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| --- | --- | --- | --- |
| ID: | 7 | Description | Users should be able to like specific tags of interest. The system should provide relevant content based on the liked tags |
| Test Type | **Quality test** | **Success criteria**: | Users should have access to analytics features that allow them to track their engagement with the system. This includes tracking total amount of posts, likes, and comments. |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of equipment/ requirements | Test user accounts | | |
| Setup instructions | * Log in to the system with a test user account. * Navigate to the tag following section or settings. * Select tags of interest to like. * Verify that the system registers the liked tags accurately. * Test the system's ability to provide relevant content based on the followed tags | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |

1. **Quantity test for the number of tags.**

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| --- | --- | --- | --- |
| ID: | 7 | Description | Quantity test for the number of tags |
| Test Type | **Quantity test** | **Success criteria**: | The system should support enough tags to meet the requirements and provide users with a diverse range of options. |
| Number of attempts: | Not applicable (quality test) | **Comments**: | N/A |
| List of equipment/ requirements | Test user accounts | | |
| Setup instructions | * Verify the maximum number of tags supported by the system as specified in the requirements. * Attempt to add tags one by one, up to the maximum allowed number. * Ensure that the system handles the addition of tags correctly and does not encounter any limitations or issues. * Verify that the tags are saved and can be used for content tagging and searching | | |
| Tester name | Callum White | | |
| Test Date | 26th May 2023 | **Result** | Pass |