MANUAL INTEGRATION TEST SUITE

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Contents

1   Admin Application

This includes a manual test suite for the admin application that was executed against the application and the results were measured, whether the test passed or failed.

1.1   Test suite

1.1.1   Run the application.

Expected outcome	Actual outcome	PASS/FAIL
The components from the database are loaded in the component list. No component is initially selected. Component Info section is disabled for all the fields and all the buttons except Add Component and Reset buttons are disabled.	Same as expected.	PASS

1.1.2   Click on any of the components in the component list.

Expected outcome	Actual outcome	PASS/FAIL
The clicked component is highlighted to show selection. Component Info section is disabled but populated with the data that corresponds to the selected component (the component data is same as in the database). All the buttons except the buttons in the Component Info section are enabled and hence clickable.	Same as expected.	PASS

1.1.3 While component is selected click Delete Component button. Proceed with confirmation.

Expected outcome	Actual outcome	PASS/FAIL
The dialog is opened that asks whether you want to delete selected component. After the confirmation, the component is deleted and the component list is updated and the Component Info section is cleared.	Same as expected.	PASS

1.1.4 While component is selected click Delete Component button. Proceed by canceling the confirmation.

Expected outcome	Actual outcome	PASS/FAIL
The dialog is opened that asks whether you want to delete selected component. After canceling the confirmation, the component is not deleted and no changes have been made in the UI (except closing the confirmation dialog) and the database.	Same as expected.	PASS

1.1.5 Click Add Component button without active selection in the component list.

Expected outcome	Actual outcome	PASS/FAIL
The fields and buttons in the Component Info are enabled and editable.	Same as expected.	PASS

1.1.6 Click Add Component button with active selection in the component list.

Expected outcome	Actual outcome	PASS/FAIL
The selection is removed and the Component Info is cleared. Also, the buttons that requires selection are disabled. The fields and buttons in the Component Info are enabled and editable.	Same as expected.	PASS

1.1.7 Click Confirm button when adding a new component. Assumption: The data are valid (all the required fields are populated and the path to the component is valid).

Expected outcome	Actual outcome	PASS/FAIL
The input data are validated and the validation is successful. The component list is updated with new component listed. The Component Info is cleared and returned to its initial state (disable fields and buttons).	Same as expected.	PASS

1.1.8 Click Confirm button when adding a new component. Assumption: The data are not valid (all the required fields are not populated or the path to the component is invalid).

Expected outcome	Actual outcome	PASS/FAIL
The input data are validated and the validation is unsuccessful. The message is shown to inform the user that some required fields are empty or the path field to the component is not valid. In other words, the fields didn't pass the validation. Nothing is changed in the UI except the shown message. The user can correct the data or cancel.	Same as expected.	PASS

1.1.9 Click Cancel button when adding a new component.

Expected outcome	Actual outcome	PASS/FAIL
The Component Info returns to initial state (disabled) and the fields are cleared.	Same as expected.	PASS

1.1.10 Click Edit Component button

Expected outcome	Actual outcome	PASS/FAIL
The fields and buttons in the Component Info are enabled and editable.	Same as expected.	PASS

1.1.11 Click Confirm button when editing a component. Assumption: The data are valid (all the required fields are populated and the path to the component is valid).

Expected outcome	Actual outcome	PASS/FAIL
The input data are validated and the validation is successful. The component in the component list is updated with edited data. The Component Info is populated with new (edited) data.	Same as expected.	PASS

1.1.12 Click Confirm button when editing a component. Assumption: The data are not valid (all the required fields are not populated or the path to the component is invalid).

Expected outcome	Actual outcome	PASS/FAIL
The input data are validated and the validation is unsuccessful. The message is shown to inform the user that some required fields are empty or the path field to the component is not valid. In other words, the fields didn't pass the validation. Nothing is changed in the UI except the shown message. The user can correct the data or cancel.	Same as expected.	PASS

1.1.13 Click Cancel button when editing a component.

Expected outcome	Actual outcome	PASS/FAIL
The Component Info returns to initial state (disabled) and the fields are cleared.	Same as expected.	PASS

1.1.14 Insert non empty search criteria and press ENTER

Expected outcome	Actual outcome	PASS/FAIL
If any of the components' titles are matching the criteria, the component list will be populated with those components. Otherwise the component list will be empty.	Same as expected.	PASS

1.1.15 Insert empty search criteria and press ENTER

Expected outcome	Actual outcome	PASS/FAIL
When providing empty search criteria the component list is loaded with all the components.	Same as expected.	PASS

1.1.16 Click Reset button when the searching criteria is active.

Expected outcome	Actual outcome	PASS/FAIL
The search field is cleared from the entered search criteria and the component list is populated by all components. The selection (if any) is removed from the component list and all the actions that require the selection are disabled and returned to its initial state.	Same as expected.	PASS

1.1.17 Click Inspect button. Assumption: Path to the component is valid and inspection is successful.

Expected outcome	Actual outcome	PASS/FAIL
New panel is opened which contains the list of all classes and interfaces for the selected component.	Same as expected.	PASS

1.1.18 Click Inspect button. Assumption: Path to the component is invalid or inspection is unsuccessful.

Expected outcome	Actual outcome	PASS/FAIL
New panel is opened which contains the empty fields for the classes and interfaces.	Same as expected.	PASS

1.1.19 Click Download button. Assumption: Path to the component is valid.

Expected outcome	Actual outcome	PASS/FAIL
The component is downloaded successfully. The dialog shows that component is downloaded successfully. The location for the downloaded component is on the Desktop in the folder Download. If the folder doesn't exist new folder will be created with the same name.	Same as expected.	PASS

1.1.20 Click Download button. Assumption: Path to the component is invalid.

Expected outcome	Actual outcome	PASS/FAIL
The component is not downloaded successfully. The dialog shows that component is not downloaded successfully.	Same as expected.	PASS

2 Web Application

This includes a manual test suite for the web application that was executed against the application and the results were measured, whether the test passed or failed.

2.0.1   Run the application.

Expected outcome	Actual outcome	PASS/FAIL
The components from the database are loaded in the components tab in the left side panel. No component is initially selected. Right side panel for displaying component information is initially empty.	Same as expected.	PASS

2.0.2   Click on any of the components in the component tab.

Expected outcome	Actual outcome	PASS/FAIL
The clicked component will activate a radio button for the selected component to highlight selection. Right side panel with the component information and list of classes and interfaces is disabled but populated with the data that corresponds to the selected component (the component data is same as in the database). The list of classes and interfaces corresponds to the list of classes and interfaces in the corresponding component. The download button in the top right corner of the right side component panel will become enabled (clickable).	Same as expected.	PASS

2.0.3 Click Download button. Assumption: Path to the component is valid.

Expected outcome	Actual outcome	PASS/FAIL
The component is downloaded successfully in the browser. You may get a notification to keep or discard a file for the component depending on the browser you are using.	Same as expected.	PASS

2.0.4 Click Download button. Assumption: Path to the component is invalid.

Expected outcome	Actual outcome	PASS/FAIL
The component is not downloaded successfully.	Same as expected.	PASS

2.0.5 Insert non empty search criteria in the search field and press ENTER

Expected outcome	Actual outcome	PASS/FAIL
If any of the components' titles are matching the criteria, the components tab will be populated with those components. Otherwise the components tab will be empty.	Same as expected.	PASS

2.0.6 Insert empty search criteria in the search field and press ENTER

Expected outcome	Actual outcome	PASS/FAIL
When providing empty search criteria the components tab is loaded with all the components.	Same as expected.	PASS