Acceptance Tests

Epic	User Stories		Acceptance Criteria		Steps	Critical	
	User Story ID	User Story	A.C ID	Name		Yes	No
Specify Input Format	INP1.1	Specify input format field's name As an Ingestion Engineer, I want to specify the input format field's name, so that I can map data for normalization.	INP1.1.1	Upload sample log for input	1. The user is on the home page, they click the `create` button under `Input Format` 2. The user is redirected to the 'Create Input Format' page. The user clicks on 'upload' button and selects the relevant log file 3. The file gets uploaded, with the file's name displayed on screen. The user may wish to edit the name. 4. The user clicks on 'Create' button and is redirected to the 'Edit Input Format' page which displays field names and types corresponding to this log file. Alternatively, the user may click on 'cancel' button to be redirected to the homepage	X	
			INP1.1.2	Add new field name	1. The user is on 'Edit Input Format' page and clicks on an empty name under 'Field Name'. 2. The user is able to enter a new value for `Field Name` 3. The user may save the current configuration and go back to home page by clicking the 'save' button. Alternatively, the user may click on 'cancel' button to be redirected to the homepage without any changes saved	X	
			INP1.1.3	Edit fields name	1. The user is on 'Edit Input Format' page and clicks on an existing Name` corresponding to a 'Field Name' 2. The user is able to modify the existing value for `Field Name` 3. The user may save the current configuration and go back to home page by clicking the 'save' button. Alternatively, the user may click on 'cancel' button to be redirected to the homepage without any changes saved	X	
	INP1.2	Specify input format field's type As an Ingestion Engineer, I want to specify the input format field's type, so that I can validate and manipulate log fields more easily	INP1.2.1	Edit input format field's type	1. The user is on 'Edit Input Format' page and clicks on the field's type under 'Field Type'. 2. The system displays a list of possible suggestions and existing types that the user can select from. Alternatively, the user is able to manually enter a new value for `Field Type`. 3. The user may save the current configuration and go back to home page by clicking the 'save' button. Alternatively, the user may click on 'cancel' button to be redirected to the homepage without any changes saved	X	
	INP1.3	Specify input format document name As an Ingestion Engineer, I want to save these configured values to a document, so that I can identify it in the system easily.	INP1.3.1	Save as a configuration document	1. On 'Create Input Format' page, once the file's name is displayed on screen, the user clicks on the file's name and enters a new value. 2. The user save the current configuration by clicking the 'save' button. The system displays a success message indicating that the configuration has been save under corresponding filename	X	
	INP1.4	Versioning of input formats As an Ingestion Engineer, I want to update an existing input data format, so that old data normalization remains functional.	INP1.4.1	Clone and edit document	1. The user navigates to 'Input Format' page. 2. The user selects an existing document and clicks the dropdown menu next to it. The user then clicks on 'Clone' 3. The user is redirected to 'Edit Input Format' page where they are able to edit the field names and types. 4. The user clicks on the file's name and		X
	INP1.5	Remove input format versions As an Ingestion Engineer, I want to remove an input data format versions, so that I can not misuse old or incorrect formats.	INP1.5.1	Delete input format document versions	1. The user navigates to 'Input Format' page. 2. The user selects an existing document and clicks the dropdown menu next to it. The user then clicks on 'Delete' 3. The selected file is deleted		X
Specify Output Format	OUT1.1	Specify output format field's name As an Security Analyst, I want to specify the output format field's	OUT1.1.1	Upload sample log for output	1. On the home page, the user clicks the 'Create' button under the 'Output format' heading. They are then redirected to the 'Create output format' page.	X	

		name, so that I can map data for normalization.			2. On the ‘Create output format’ page, the user clicks the ‘Upload’ button and then selects a sample log file.		
					3. The file should be uploaded to the system. Once the upload is complete, the uploaded file name should appear under the 'Format Name' heading.		
					4a. The user clicks the ‘Create’ button. They are then redirected to the ‘Edit output format’ page, which should be pre-populated with the contents of the log file. The user can then make further edits to the format as per OUT1.1.2, OUT1.1.3, and OUT1.2.1.		
					4b. Intead of clicking the 'Create' button, the user clicks the 'Cancel' button. The uploaded information is discarded and the user is redirected to the home page.		
			OUT1.1.2	Add new field name	1. On the ‘Edit output format’ page, the user clicks on an empty field cell. A small prompt should appear in the cell to indicate that the user can enter a name.	X	
					2. The user enters a new field name.		
					3. The user clicks the save button, causing their changes to be saved to the system.		
			OUT1.1.3	Edit output fields name	1. On the ‘Edit output format’ page, the user clicks on a filled field cell. A small prompt should appear in the cell to indicate that the user can edit the name.	X	
					2. The user edits the field name using their keyboard.		
					3. The user clicks the save button, causing their edits to be saved to the system.		
	OUT1.2	Specify output format field's type As an Security Analyst, I want to specify the output format field's type, so that I can validate and manipulate log fields more easily	OUT1.2.1	Edit output format field's type	1. On the ‘edit output format’ page, the user clicks on the ‘Field type’ entry of a row. A dropdown menu should appear.	X	
					2. The user clicks an option from the suggestion dropdown. The row’s ‘Field type’ should be populated with the clicked option.		
					3. The user clicks the save button, causing their edits to be saved to the system.		
	OUT1.3	Versioning of output formats As a Security Analyst, I want to update an existing output format but retain a versioned copy, so that old data normalization remains functional.	OUT1.3.1	Edit cloned document	1. On the ‘Output format’ page, the user clicks the triple dot icon next to the output format they intend to clone. A dropdown menu with options should appear.		X
					2. The user clicks ‘Clone’ on the dropdown and is redirected to a new ‘Edit output format’ page that has been populated with the contents of the selected output format.		
					3. The user can edit the document as per OUT1.1 and OUT1.2.		
					4. The user clicks the blank 'Format name' field displayed at the top of the page and enters the name of the new format. If the name is already in use, a warning is displayed and the new name cannot be saved.		
					5. Once satisifed with their edits and new format name, the user clicks the save button. A new output format that reflects the user's changes is added to the system.		
					6. The user is redirected to the home page.		
	OUT1.4	Remove output format versions As an Security Analyst, I want to remove an output data format versions, so that I can not misuse old or incorrect formats.	OUT1.4.1	Delete output format document versions	1. On the 'Home' or ‘Output format' pages, the user clicks the triple dot icon next to the output format they intend to delete. A dropdown menu with a list of actions should appear.		X
					2. The user clicks ‘Delete’ on the dropdown. The user is redirected to a delete confirmation page that prompts the user to confirm the deletion by clicking a 'Delete' or 'Cancel' button.		
					3a. The user clicks the 'Delete' button. The format is deleted from the system, and the user is redirected to the home page.		
					3b. The user clicks the 'Cancel' button. The deletion does not occur, and the user is redirected to the home page.		
Suggest Mappings	SUG1.1	Suggest initial mapping As a Security Analyst, I want an initial suggestion of mappings, so that I can skip repetitive obvious mappings.	SUG1.1.1	New mapping has some fields filled in	1. The user is on the home page, they click the create mapping button	X	
					2. The user is redirect to the create mapping page, they select the input and output sources		
					3. The user then click create mapping, and is redirect to the edit mappings page		
					4. The user is shown the mappings page, with all output fields present and some suggested mappings for input already filled in		

			SUG1.1.2	Loading of initial suggestions time limit	1. The user is on the home page, they click the create mapping button	X	
					2. The user is redirect to the create mapping page, they select the input and output sources		
					3. The user then click create mapping, and is redirect to the edit mappings page		
					4. The user is shown the mappings page, in 5 seconds		
			SUG1.1.3	Indication of loading initial suggestions	1. The user is on the home page, they click the create mapping button	X	
					2. The user is redirect to the create mapping page, they select the input and output sources		
					3. The user then click create mapping, and is redirect to the edit mappings page		
					4. The user is shown a loading icon		
					5. The user is shown the mappings page		
	SUG1.2	Suggest more likely mappings. As a Security Analyst, I want more likely mappings to be suggested first than others so that I can more efficiently map data.	SUG1.2.1	Suggestions are presented	1. The user is on the home page, they click the create mapping button	X	
					2. The user is redirect to the create mapping page, they select the input and output sources		
					3. The user then click create mapping, and is redirect to the edit mappings page		
					4. The user is shown the mappings page,		
					5. The user clicks on a input field and is promoted with a drop down		
					6. The drop down contains a suggestion at the top of the drop down		
			SUG1.2.2	Responsive UI	1. The user is on the home page, they click the create mapping button	X	
					2. The user is redirect to the create mapping page, they select the input and output sources		
					3. The user then click create mapping, and is redirect to the edit mappings page		
					4. The user is shown the mappings page,		
					5. The user clicks on a input field		
					6. The drop down is shown in 0.1 seconds		
Configure Mappings	CONF1.1	Create mappings As a Data Wrangler, I want to be able to create mappings, so that analysis can be done for security	CONF1.1.1	Specify input and output for mapping	1. The user is on the home page, they click the 'Create' button under the 'Normalisation Mappings' heading	X	
					2a. On the 'Create Mapping' page, the user selects the input format from a list of formats under the 'Select intput format' heading.		
					2b. Alternatively, the user searches for an input format in the search box under the 'Select input format' heading and selects the input format.		
					3a. On the 'Create Mapping' page, the user selects the output format from a list of formats under the 'Select output format' heading.		
					3b. Alternatively, the user searches for an output format in the search box under the 'Select input format' heading and selects the output format.		
			CONF1.1.2	Blank mapping created	1. After specifying input and output formats, the user clicks the 'continue' button. 2. The user is shown a mapping with output fields filled according to the output format they specified	X	
	CONF1.2	Edit mappings As a Data Wrangler, I want to be able to change existing mappings, so that mappings remain up to date.	CONF1.2.1	Navigate to existing mapping	1. The user is on the home page, they click on the 'Normalisation mappings' heading.	X	
					2. The user is redirected the the 'Normalisation mappings' page.		
			CONF1.2.2	Edit existing mapping	1. The user clicks on a mapping upon which a dropdown will be displayed, from the dropdown the user clicks the edit button.	X	
					2. The user is redirected to a page where the mapping they selected is shown.		
					3. The user clicks on the input field they wish to change.		
					4. A dropdown with all fields is displayed.		
					5. The user selects the field from the dropdown.		
					6. The user clicks the 'Save' button and is redirected back the 'Normalisation mappings' page.		

	CONF1.3	Review mappings As a Data Engineer, I want to be able to review mappings, so that mappings stay accurate	CONF1.3.1	Review mapping	1. The user is on the home page, they click on the 'Normalisation mappings' heading. 2. The user is redirected to a page showing all the existing mappings. 3. The user clicks on a mapping that they wish to review, taking them to a page showing the current mapping between input and output fields.		X
	CONF1.4	Mappings are version controlled. As a Data Wrangler, I want previous mappings for old log files to still be accessible, so that old log data can be analyzed in the future	CONF1.4.1	View old versions of mapping	1. The user is on the home page, they click on the 'Normalisation mappings' heading. 2. The user is redirected to a page showing both current and previous mappings.		X
Validate Log	VAL1.1	Log Validation Documentation As a Data Engineer, I want to create validation documents, so that it is easy to continually monitor the log data for changes externally.	VAL1.1.1	Generation of validation documents	1. On the 'View output format', 'View input format', or 'Home' page, the user clicks the triple dot icon next to the name of the format they are interested in. A dropdown menu with options should appear. 2. The user clicks the 'Save local copy' button. A .csv validation file representing the selected input or output format is generated by the system within 5 seconds. 3. Once the file has been generated, an OS save prompt should appear. 3. In the prompt, the user enters their desired file name and save directory and clicks the save button. 4. The file is saved to the user's computer and the prompt closes.	X	
	VAL1.2	Sample Log Validation for Input Format As a Data Engineer, I want to verify the input format against sample log data so that it is easier to create an accurate input format.	VAL1.2.1	Validation of sample log	1. On the 'Edit Input format' page, the user clicks the 'validate' button next to a sample log. 2. Log contents are tested against the current input format (test outlined in VAL1.2.1). This validation test should take a maximum of 5 seconds to run. 3. Once the test is complete, a modal showing the validation test results should appear. If the test result is a failure, the modal should include a brief description of the cause of failure (eg. the file contains invalid JSON and cannot be parsed). 4. The user clicks the 'OK' button and the modal disappears.		X
			VAL1.2.2	Preview sample log contents	1. On the 'Edit input format' page, the user clicks the 'Preview' button next to a sample log file. 2. The parser attempts to read the file and extract field values based on the current input format. This value extraction should take a maximum of 5 seconds to run. 3. Once the values are extracted, a preview column should appear next to the mapping column. The column should be populated with the values extracted from the sample log. Content over 20 characters long should be truncated with '...'. 4. The user clicks the 'Close preview' button and the preview column disappears.		X
Explore data normalisation	EXP1.1	Review current normalization mappings As a Security Analyst, I want to view all the current normalization mappings, so that I can better understand what mappings have been done.	EXP1.1.1	Search for mappings	1. The user is on the homepage and clicks the Normalisation Mappings. 2. The user is redirected to the Normalisation mappings page. 3. The user entered the search query. 4. The search result is presented.	X	
			EXP1.1.2	Recently changed mappings	1. The user is on the homepage and clicks the Normalisation Mappings. 2. Recently changed mappings are displayed.	X	
	EXP1.2	Review data formats for normalization As a Security Analyst, I want to view all the input/output data formats, so that I can better understand what data is available for normalisation.	EXP1.2.1	Recently changed input formats	1. The user is on the homepage and clicks the input formats. 2. The user is redirected to the input format page. 3. Updated input formats are displayed.	X	
			EXP1.2.1	Recently changed output formats	1. The user is on the homepage and clicks the output formats. 2. The user is redirected to the input format page.	X	

					3. Updated output formats are displayed.		
			EXP1.2.1	Search for input formats	1. The user is on the homepage and clicks the input formats.	X	
					2. The user is redirected to the input format page.		
					3. The user entered the search query.		
					4. The search result is presented.		
			EXP1.2.1	Search for output formats	1. The user is on the homepage and clicks the output formats.	X	
					2. The user is redirected to the output format page.		
					3. The user entered the search query.		
					4. The search result is presented.		