User Stories & Acceptance Criteria

Epic	User Stories		Acceptance Criteria					Priority
	User Story ID	User Story	A.C ID	Name	Given that	When	Then	
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	I want to specify the field names for a new device / log format that is introduced to the system and requires normalization	I click on 'New Input Format' from the homepage, it allows me to upload a file detailing the field names	I see a list of field names identified by the system	MUST HAVE
			INP1.1.2	Add new field name	I identify field names not present in the list	I click on an empty row in the table	I am able to add a new field name	
			INP1.1.3	Edit fields name	I wish to rename an existing field name in the list	I click on the desired field name in the table	I am able to edit this field's name	
	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	INP1.3.1	Edit input format field's type	I want to specify the field type(s) for the system	I am on 'New Input Format' page	I can enter the field types corresponding to field name based on types existing in the system	MUST HAVE
	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.	INP1.2.1	Save as a configuration document	I want to specify the document name for a new device / log format that is introduced to the system and requires normalization	I am on the 'New Input Format' and have added field names	I am able to save the configured field names to this document name	MUST HAVE
	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	Edit cloned document	I identify changes in the log format of an existing document	I click on 'Edit Existing Input Format' and select the desired document	I am able to add /edit the configured field name and field types and save this as a new versioned clone	GOOD TO HAVE
	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	I identify an existing log format document that is no longer required by the system.	I click on 'Edit Existing Input Format' and select the desired document	I am able to delete this document by clicking the 'delete' button	GOOD TO HAVE
Specify Output Format	OUT1.1	Specify output format field's name As an Security Analyst, I want to specify the output format field's name, so that I can map data for normalization.	OUT1. 1.1	Upload sample log for output	I want to specify field names for a new or updated output target, for example a new analytics platform.	I click on the 'New Output Format', it allows me to upload a file containing the names of each output field.	The system should update to reflect the new field names and display these names on the table.	MUST HAVE
			OUT1. 1.2	Add new field name	I want to add new field names to an output format.	I click on an empty "output field name" cell of a row on the table.	I can enter a new field name.	
			OUT1. 1.3	Edit output fields name	I want to update the name of field in an output format.	I click on a filled "output field" cell of a row in the table.	I can edit the field's name.	
	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	I want to set or update the type of an output field.	I click on the field type cell of the row I want to update in the table.	I can enter a field type from one of the types existing in the system.	MUST HAVE

	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	I identify an output format has changed, and want to create a new format that reflects these changes.	I click on 'Editing Existing Output Format' and select the format that requires an update.	The system creates a new output format populated with the content of the selected format. I can then edit and add to the format, and then save it as a new versioned clone. These changes should not impact the cloned document.	GOOD TO HAVE
	OUT1.4	Remove input 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 input format document versions	I recognise that an output format is no longer required by the system.	I click on 'Edit Existing Output Format' and select the format that is no longer required.	I am able to delete the output format by clicking the 'delete' button.	GOOD TO HAVE
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	I have entered previous mappings with similar field names and types	I have created a new mapping where the fields are suggested	A new mapping is created with some mappings already filled in	MUST HAVE
			SUG1.1.2	Loading of initial suggestions time limit	I have requested initial suggestion of mappings	The Create Mappings Page is loading	I do not wait for longer than 5 seconds	MUST HAVE
			SUG1.1.3	Indication of loading initial suggestions	I have requested initial suggestion of mappings	The Create Mappings Page is loading	I am presented with a loading indication	MUST HAVE
	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	A mapping has suggestions	When I edit the mapping	Suggestions fields are shown before other fields	GOOD TO HAVE
			SUG1.2.2	Responsive UI	I am editing a mapping	When I edit a mapping's field	I do not wait for more than 0.1 seconds for the fields to be shown	GOOD TO HAVE
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	A new log format has appeared and I want to map it	I am on the home page and click on the 'New Mapping' button	I will be taken to a page where I can start to create the mapping	MUST HAVE
			CONF1.1.2	Blank mapping created	I am creating a new mapping	I select an input format source and an output format source	A new blank mapping is created with the output fields filled.	MUST HAVE
	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	The input fields for a log file has changed and I want to edit it	I am on the home page and select the mapping from the 'Edit Mapping' table	I will be taken to the mapping page	MUST HAVE
			CONF1.2.2	Edit existing mapping	I am editing a mapping	I am on the mapping page and I click the 'Edit' button	I will be able to select fields and change them	MUST HAVE
	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	I suspect a mapping has been done incorrectly	I am on the home page and click on the mapping from the 'Edit Mapping' table	I will be able to see the mapping and review it	MUST HAVE
	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	A log file has changed and its mappings have been updated	I selected the old mapping	I will be able to see the old mapping and review it	GOOD TO HAVE
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	I am viewing or editing an input format or output format.	I click the 'Save local copy' dropdown option on an input mapping.	The system creates and saves a .csv file containing field names and expected field content types for the input or output format.	MUST HAVE

	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 logs errors	I am on the input format page and have selected a sample log file.	I click the 'Validate' button.	The contents of the sample log are tested against the current input format. If the sample log cannot be parsed, or if a field has contents that don't match the expected type, an error outlining the issue is displayed.	GOOD TO HAVE
			VAL1.2.2	Preview of log field values	I am on the input format page and have selected a sample log file.	I click the 'Preview' button.	The preview column is populated with the first 20 characters of each field.	
Explore data normalization	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	I am on the mappings page.	I search for a mapping.	Mappings that match the name are shown.	MUST HAVE
			EXP1.1.2	Recently changed mappings	I am on the home page when I want to review recent changes of mappings.	I go to the home page.	The recently changed mappings are shown.	MUST HAVE
	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	I am on the home page when I want to review recent changes of input formats.	I go to the home page.	The recently changed input formats are shown.	MUST HAVE
			EXP1.2.1	Recently changed output formats	I am on the home page when I want to review recent changes of output formats.	I go to the home page.	The recently changed output formats are shown.	MUST HAVE
			EXP1.2.1	Search for input formats	I am on the Input Format page	I search for a input format	Input formats that match the name are shown	MUST HAVE
			EXP1.2.1	Search for output formats	I am on the Output Format page	I search for a output format	Output formats that match the name are shown	MUST HAVE