User Story Acceptance Criteria

Purpose:

Every user story created has its own acceptance criterion. An acceptance criteria is a requirement that must be fulfilled to meet a user story requirement. Every user story can have one to many acceptance criterion. An acceptance criteria is written in the format of Given - When - Then, that defines a preexisting condition, an action that is taken by the user and the expected result of that action. All acceptance criterion for a user story must be met before a user story is considered to be complete. These are created with input from the client to ensure that they accurately reflect what the client expects from the user story.

Acceptance Criteria List:

User Story Epic	User Story ID	User Stories					Acceptance Criteria		
		As a	I want to	So that	Prioritisation	Size	Given	When	Then
User Management	1.1	As a Data Engineer	I want to be able to register for an account	So that I can use the platform	Must Have	Medium	I make a new account	I try to log in with it after creating it	I'm able to successfully login using the new account
	1.2	As a Data Engineer	I want to be able to login to the platform	So that I can use the platform	Must Have	Small	I have credentials for a valid account	I click login after entering details	I'm successfully logged in
	1.3	As a Data Engineer	I want to be able to view a history for the regular expressions I saved	So that I can quickly and easily find my contributions to the platform	Should Have	Medium	I have saved regexes to the platform	I click to view history of contributions	I can see all my contributions to the platform
	1.4	As a Data Engineer	I want to see what other people contribute	So that I know who to contact regarding a specific contribution	Could Have	Large	My colleagues have made contributions	I select to view the meta data of a saved item, (e. g. saved regex, capture group)	I can see who was the author of the selected contribution
	1.5	As a Data Engineer	I want to use my Telstra account for system access	So that I don't need to manage separate credentials	Could Have	Large	I have a valid Telstra account	I login to the system using my Telstra credentials	The login is successful
File Processing	2.1	As a Data Engineer	I want to be able to load an unstructured log file into the system	So that I can proceed to process it	Must Have	Medium	I have an uncorrupted unstructured file ready for use	I click to load a file into the system	The unstructured file I want to load is shown and when clicked, is opened successfully without error
	2.2	As a Data Engineer	I want to be able to save sample log files into the platform	So that I can validate whether newer versions of the log files have changed the formatting	Should Have	Medium	I have a current version of a log file from a vendor	I click to upload it into the system	The log file is uploaded and has an association with the vendor
	2.3	As a Data Engineer	I want to upload a structured log file into the platform	So that I can proceed to process it	Should Have	Small	I have an uncorrupted structured file ready for use	I click to load a file into the system	The structured file I want to load is shown and when clicked, is opened successfully without error
Normalising a File Format From New Vendor	3.1	As a Data Engineer	I want to append saved common field capture groups to the regular expression I am building	So that I can avoid redundantly making regular expressions for a problem that another Telstra engineer has solved	Must Have	Large	I have found a relevant capture group for a common field	I select to append one to the current regex I'm building	It is appending to the regex builder
	3.2	As a Data Engineer	I want to see the information captured when the regular expression I built is applied to a provided log file	So that I can see how my regular expression captures against a larger dataset	Must Have	Small	I have built and completed a regular expression	I click to apply it to the currently opened log file	The results of the regex being run is shown on the screen
	3.3	As a Data Engineer	I want to be able to build custom regular expressions	So that I can build my custom regular expression to normalise my data	Should Have	Large	I want to build a regex from scratch	I click to build a regex	I am able to type and build a regex
	3.4	As a Data Engineer	I want to see my regular expression changes be applied live to my imported file	So that I can identify the effects of my regular expression quickly	Should Have	Large	I have a regex open with an imported file	I make a change to the displayed regex	The effects of the changes are displayed onto the file such that I can see what is being captured and what is not

	3.5	As a Data Engineer	I want to append saved regular expressions to the regular expression I am building	So that I can speed up the time to normalise my data	Should Have	Large	I am building a regex and want to add a complete saved regex to the builder to edit	I select to append the regex to the current regex I'm building	It is appended to the regex builder
	3.6	As a Data Engineer	I want to access a list of pre-existing saved regex fields	So that time is saved and the normalisation process is smoother	Should Have	Large	I want to find a saved regex and given there are saved regular expressions	I click navigate to search for a regex	It displays saved regex fields in association with their respective log file
	3.7	As a Data Engineer	I want to receive capture group suggestions on highlighted text	So that I can improve the accuracy of the data normalisation process	Should Have	Large	I have highlighted some text in a log file (with intent to treat it as a data field)	I click to receive a capture group suggestion	There is a display of a suggestion of a likely capture group for the highlighted text
	3.8	As A Data Engineer	I want to receive field predictions for structured files	So that I don't have to completely guess the purpose of the field	Should Have	Large	I have a structured file open in the system	I select to receive field predictions on data fields	There is a prediction for each column of the structured file
	3.9	As a Data Engineer	I want the ability to paste in sample text straight into the regular expression builder	So that I can build ad-hoc regular expressions without first needing to upload a compete file	Could Have	Medium	I want to build a regex and I don't have a file open	I select to build a regex	I am successfully able to type and build a regex without needing a file to be opened
Comparison of new log file with existing regex	4.1	As a Data Engineer	I want to edit the selected regular expression using the regular expression builder	So that I can account for new log formats from a vendor	Must Have	Small	Given that I have uploaded an unstructured file to be compared	When I select the edit existing mapping option	Then I should be redirected to the live regular expression builder with my chosen regular expression already filled in
	4.2	As a Data Engineer	I want to apply a previously saved regular expression to my imported file	So that I can see what information has been captured, and identify if the current regular expression will suit my needs	Must Have	Large	Given that I have uploaded an unstructured log file and have searched for an existing regular expression	When I select a regular expression	Then I should see the regular expression mapped to my uploaded file
	4.3	As a Data Engineer	I want to open two log files side by side	So that I can compare different log files such as when I suspect there is a new format from an existing vendor	Should Have	Medium	Given that I have uploaded an unstructured log file, have searched for an existing regular expression and the chosen regular expression has an attached sample file	When I select the regular expression to be applied, and select the option to compare with original sample	Then I should see a side by side comparison of the sample log file with my uploaded log file
	4.4	As a Data Engineer	I want to execute the selected regular expression on both my imported file and the saved sample log file	So that I can see how an existing regex was supposed to work and compare it with how it works on my file	Should Have	Medium	Given that I have uploaded an unstructured log file, have searched for an existing regular expression and the chosen regular expression has an attached sample file	When I select the regular expression to be applied, and select the option to compare with original sample	Then I should be able to execute the saved regular expression on both files
	4.5	As a Data Engineer	I want to see a direct comparison of the information captured in the sample log file and my imported log file		Should Have	Large	Given that I have uploaded an unstructured log file, have searched for an existing regular expression and the chosen regular expression has an attached sample file	When I select the regular expression to be applied, and select the option to compare with original sample	Then I should see a side by side comparison of the sample log file with my uploaded log file including a comparison of what the regular expression captured in both files
	4.6	As a Data Engineer	I want to see information that the applied regular expression captures		Should Have	Large	Given that I have uploaded an unstructured log file and have searched for an existing regular expression		Then I should see the regular expression executed on the uploaded file, and showing captured information

	4.7	As a Data Engineer	I want access to a link to the documentation of the selected regular expression	So that I can understand more context, and learn more information about the selected regular expression	Could Have	Low	Given that a documentation link has been saved with my chosen saved regular expression	When I click on the displayed documentation link	Then I should go to the site of the documentation regarding the build regular expression
	4.8	As a Data Engineer	I want to apply a field capture group on a selected field in a structured file	So that I can identify the potential nature of the field	Could Have	Large	Given that I have uploaded a structured file	When I apply a saved field capture group on a chosen data point	Then I should see the information that is captured
	4.9	As a Data Engineer	I want to receive predictions for the possible field names inside a structured file	So that I don't have to identify unknown fields manually	Could Have	Large	Given that I have uploaded a structured file	When I select the predict the fields option	Then I should receive a prediction of what the fields in my document could be
Saving Regular Expressions	5.1	As a Data Engineer	I want to be able to save the regular expressions I built	So that teams across the organisation can see and use them	Must Have	Medium	Given that I have built a regular expression	When I am finished building it	Then I want to save my regular expression in the central repository
	5.2	As a Data Engineer	I want to be able to save capture groups for individual common fields	So that teams across the organisation can use them and normalise the naming convention for common fields	Must Have	Medium	Given that I have built a field capture group	When I am finished building it	Then I want to save my regular expression in the central repository
	5.3	As a Data Engineer	I want to be able to search for saved regular expressions by keywords	So that I can find regular expressions I need that have already been built	Must Have	Large	Given that I think there is an existing regular expression that meets my needs	When I search by Log Vendor Name, Log Type and Log Name	Then I should see potential results for my regular expression
	5.4	As a Data Engineer	I want to be able to filter regular expressions on log vendor	So that I can quickly find whether the regular expression for the log I am looking for exists	Must Have	Large	Given that I think there is an existing regular expression that meets my needs	When I enter the search regular expression page	Then I should be able to filter the logs by log vendor
	5.5	As a Data Engineer	I want to be able to filter regular expressions on log type		Must Have	Medium	Given that I think there is an existing regular expression that meets my needs	When I enter the search regular expression page	Then I should be able to filter the logs by log type
	5.6	As a Data Engineer	I want to search for a pre-existing field name such as IP address	So that I don't have to create a Regex (for the same fields) from scratch every time	Must Have	Medium	Given that I think there is an existing regular expression that meets my needs	When I enter the search regular expression page	Then I should be able to filter the logs by log vendor
	5.7	As a Data Engineer	I want to be able to save metadata with the regular expression I create	So that it can be easily searchable for other Telstra Engineers	Must Have	Medium	Given that I have built a regular expression	When I am finished building it	Then I want to save my regular expression in the central repository with additional metadata like log vendor, log type and documentation links
	5.8	As a Data Engineer	I want to be able to save my uploaded file with the regular expression I save	So that it can be used by other Telstra engineers to identify the optimal performance of the regular expression	Must Have	Medium	Given that I have built a regular expression	When I am finished building it	Then I want to save my regular expression in the central repository with the uploaded file I used to build my regular expression
	5.9	As a Data Engineer	I want to be able to search for a regular expression through a partial regular expression		Could Have	Large	Given that I think there is an existing regular expression that meets my needs	When I enter the search regular expression page and enter a partial regular expression	Then I should receive potential results for what the regular expression I am searching for could be