User Stories

Epics:

Epic ID	Epic Name
1	User Management
2	File Processing
3	Normalising a File Format From New Vendor
4	Normalising a File from Known Vendor
5	Saving Regular Expressions

Choice of Prioritisation Technique:

Our team chose to use the MoSCoW prioritisation technique. The MoSCoW technique allows us to include our clients in the prioritisation process in an easy to understand manner. The concept of MoSCoW is easy to grasp, even for stakeholders who have not participated in the prioritisation process before. This technique is also more time efficient in comparison with methods like the Pair Prioritisation method, which was important as we did not want to spend too much of the clients time. Once we walked them through a few examples, the client was able to effectively participate in the session and provided very useful feedback in the prioritisation session.

Priority	Description
Must Have	User stories that form an integral part of the system. These stories are non-negotiable
Should Have	User stories that are not integral, but add significant value to the system
Could Have	User stories that are nice to have, but will not have significant impact if left out
Won't Have	Out of scope user stories

Sizing Guide:

Size	Description
Small	Story will take up to 1 day to complete
Medium	Story will take between 2-3 days to complete
Large	Story will take 4-5 days to complete

User Story List:

User Story Epic	User Story ID	User Stories				
		As a	I want to	So that	Prioritisation	Size
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
	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
	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
	1.4	As a Data Engineer	I want to see what other people contribute		Could Have	Large
	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
File Processing	2.1	As a Data Engineer	I want to be able to load and process an unstructured log file		Must Have	Medium

	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
	2.3	As a Data Engineer	I want to upload and process a structured log file into the platform		Should Have	Small
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
	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
	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
	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
	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
	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
	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
	3.8	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
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
	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
	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
	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
	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
	4.6	As a Data Engineer	I want to see information that the applied regular expression captures		Should Have	Large
	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
	4.8	As a Data Engineer	I want to receive predictions for the possible field names inside a structured file	So that I can identify the potential nature of the field	Could Have	Large
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

	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
	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
	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
	5.5	As a Data Engineer	I want to be able to filter regular expressions on log type		Must Have	Medium
	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
	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
	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
	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