Table 1: Critical cataloguing domain requirements with associated area(s) of requirement

Critical cataloguing domain requirement	Area(s) of domain requirement*			
	R	C	A	S
R1. The system shall retain and preserve previous versions of all contents through an automated method.	X			
R2. The system shall allow for user exploration of previous versions of contents though the system's graphic user interface.	X			
R3. The system shall allow for multiple entries to be recorded for each field (i.e. one-to-many relationships).	X	X	X	
R4. The system shall contain authority records for contributors.	X			X
R5. The system shall contain fields for paradata which describe different contributors, how they contributed, and when the contributing actions took place, along with links to the authority record for the contributor.	X	X		X
R6. The system shall contain fields for paradata which support linking to reasoning and evidence sources.	X	X		X
R7. The system shall support the use shared reference to authority records, (i.e. controlled vocabularies) to facilitate connections.	X	X		
R8. The system shall contain fields for paradata which describe controlled terminology, their origins, meanings, and uses.	X	X		
R9. This system shall contain fields for paradata which support linking to other activity records in the system.	X			
R10. The system shall support search by paradata.	X			
R11. The system shall allow the level of visibility for all fields, including paradata, to be configurable.	X			
R12. The system shall allow for multiple schemas to be used to organise information contents.	X	X		
R13. The system shall allow for user exploration of different schema views through the system's graphic user interface.	X	X		
R14. The system shall offer a mechanism for external user feedback to be submitted, recorded, and reviewed.	X	X		
R15. The system shall permit the input of and support the accurate display of non-Latin script languages.	X	X		
R16. The system shall support the ingestion of structured web-based resources such as linked open data vocabularies.		X	X	
R17. The system shall allow for display labels to be configurable.		X	X	
R18. The system shall allow for new fonts to be added for use by the system.		X	X	
R19. The system shall allow records to be grouped together in user-defined ways.			X	
R20. The system shall support batch changes across user-defined groups of records.			X	
R21. The system shall support user exploration of contents associated with a term through multiple levels of the controlled vocabulary structure.			X	
R22. The system shall support user-defined querying and report definition.			X	X
R23. The system shall allow for configurable data exports in open data formats including CSV, XML, JSON, and RDF.			X	X
R24. The system shall allow for dynamic updates to be made without requiring extensive redevelopment.			X	X
R25. The system shall follow principles of modular design and open data tooling.				X
R26. The system design shall follow constraints from ethics of care? (TBC)				X

* R: Reflexivity, C: Complexity, A: Accommodativeness, S: Sustainability