

## Community input for prioritisation on [Advancing Hyku Project](#) features

**Target audience:** Samvera community, Hyku repository adopting persons, institutions

**Objective:** Advancing Hyku Project works towards introducing significant structural improvements and new features to the Samvera Community's Hyku platform. We would like to make sure that the project reflects the needs of the Samvera Hyku repository adopters by collecting community feedback on the repository features. This will help the project team to refine user stories that frame the needs and to prioritize the features to be implemented in Hyku2/3 during the project timeline.

Project team will monitor this document to reflect on and incorporate community feedback into the project plan where possible. Additionally, this consultation work will feed back into the [Samvera Hyku Roadmap](#) along with [Samvera Roadmaps Alignment](#).

### How to provide feedback?

- Respond to [survey](#) to indicate priority level (essential; desirable; nice to have) of a feature in terms of your needs and requirements. Deadline to respond to the survey is 22 November.
- Add comment below if the user story doesn't reflect your needs and requirements in a repository. Additional use cases are very welcome for future developments but please note that it may not be feasible to implement within the scope of this project timeline.

Engage on Twitter with #AdvancingHyku #SamveraHyku hashtags and/or [contact us](#).

# User Stories

#	Feature/ Task	WP	As a <type of user>	I want to <do something> so that <some value is created>
F3	Auto-expiration of embargoes and leases	WP0	Repository manager	<a href="#">As a repository manager, I would like the system to change the visibility of a work when embargoes and leases have expired to avoid looking for and manually applying embargo and lease expiration.</a>
F4	Custom work types and extended metadata attributes	WP0	Repository manager	<a href="#">As a repository manager, I would like to be able to create custom work types to meet institutional needs (e.g. musical scores, conference proceedings).</a> <a href="#">As a repository manager, I would like to be able to create additional metadata attributes added to each work type to meet funder/institutional requirements</a>
F5	Cross tenant search	WP0	Consortia/ service provider  Repository manager	<a href="#">As a consortia/ repository manager, I would like to provide a meta-search in order to search across all tenant repositories within the consortium.</a>
F6	JSON metadata Fields	WP0	Repository manager	<a href="#">As a repository manager, I would like to have multiple entries in multiple-value fields (e.g. Creator_1, Creator_2) persist as the depositor enters them (e.g.keys such as creator field, holds orcid, isni, first_name, family_name, institutional_relationship)</a>
F7	CSV Exports / Imports	WP0	Repository manager	<a href="#">As a repository manager, I would like to have CSV export and import to bulk load content, round-trip data for batch editing, and to migrate versions.</a>

F8	Title availability checker	WP0	Repository manager	<a href="#">As a repository manager, I would like to check if a title is available before saving a work by clicking a button.</a> -- Enable a user
F9	File Availability Faceting	WP0	Reader/ end user	<a href="#">As a reader/ end user, I would like to filter the search results available with full text files in the repository.</a> <a href="#">As a user, I would like to be able to access content regardless of whether a file copy is available.</a>
F10	Chunk upload of large files	WP0	Repository manager	<a href="#">As a repository manager/ researcher, I would like to be able to upload big files e.g. over 5GB for a research project.</a>
F11	OAI-PMH	WP0	Repository manager	<a href="#">As a repository manager, I want my repository to be harvested by aggregators and other search platforms.</a>
F15	Read-only REST API	WP0	Repository manager	<a href="#">As a repository manager, I want to build modern JS frontends and services off of my backend using a REST API.</a>
F16	Masking of file download url from S3	WP0	Repository manager	<a href="#">As a repository manager, I would like to secure URLs for downloading files in terms of revealing them to the end user and redirecting them in case of a storage relocation.</a>
F1	DOI minting	WP1	Repository manager Researcher Repository manager Repository manager	<a href="#">As a repository manager, I would like the ability to turn on (or off) the ability for my researchers to mint DOIs.</a> <a href="#">As a repository manager/ researcher, I would like to reserve a DOI for a work which is not public yet, in a draft status.</a> <a href="#">As a repository manager, I would like to mint a DOI for a deposited work in a registered or findable status.</a> <a href="#">State of the DOI can be changed by selecting a different DOI type when editing the work.</a>

F2	Auto-population of metadata from DOI	WP1	Repository manager  Researcher	<p><a href="#">As a repository manager/ researcher, I would like to fill the metadata by supplying a DOI and the system automatically querying Crossref/DataCite and mapping the response to the given work type's attributes.</a></p> <p><a href="#">As a repository manager, I want to identify content published by authors at my institution, that is not already in the repository, to be able to validate the authors, and to import this content.</a></p>
F14	Per-Tenant Google Analytics	WP0	Consortia/ service provider  Repository manager	<p><a href="#">As a repository manager, I would like to gather statistics of the repository's web traffic via Google Analytics</a></p> <p><a href="#">As a consortium/ service provider, I would like to gather statistics of all repository traffic within the consortium.</a></p>
F12	Research Information Systems(RIS) citation related export	WP0	Reader/ end user	<p><a href="#">As a reader/ end user, I would like to export citations to reference management systems such as Zotero, Endnote, and Mendeley.</a></p> <p><a href="#">As a reader/end user, I would like to have 'Cite this item' button to produce a text citation that can be copied and pasted. (Example)</a></p> <p><a href="#">As a reader/end user, I would like to select items from a search result list, save, export and email that list of citations.</a></p>
F13	Stats Report Mailer	WP0	Researcher/ author	As a researcher/ author, I would like to receive readership reports periodically or on demand by email. <a href="#">Example</a>
unnumbered	Repository-aggregate usage statistics	WP2	Repository manager	<a href="#">As a repository manager, I would like to see repository-wide, cumulative usage statistics including number of views, search, downloads, referrals, access by location, by collections to demonstrate impact, readership, interaction and reuse.</a>
unnumbered	Integration with ORCID, author	WP3	Researcher/ author	<a href="#">As a researcher/author, all works I add to the repository are also displayed under my ORCID record. (from repo to ORCID)</a>

ed	identifier			<a href="#">As a researcher/author, I would like to see my list of deposited work in the repository under my author ID e.g. ORCID</a>
unnumbered	Integration with metrics tools e.g. Altmetrics, Google Scholar	WP5	Researcher/author Reader/ end user	<a href="#">As an author/ end user, I want to see how much deposited work is being read, interacted with on social media and reused to understand the value of the repository and the level of engagement with the deposited work</a>
unnumbered	Improving user experience and interaction with file contents	WP4	Reader/ end user	<a href="#">As a reader/end user, I would like to be able to view file content in the browser without downloading it</a> <a href="#">As a reader/end user, I would like to comment and annotate on the full-text file.</a> As a repository manager, I want the repository to index the content of full text files. As a researcher, I want to search, via the browser, the content of full text files. As a researcher, I want to search, via an API, the content of full text files.
unnumbered	Increase Access & preservation [renamed preservation]	WP7	Repository Manager	<a href="#">As a repository manager, items in the repository will automatically be replicated in the Internet Archive for access and discoverability redundancy.</a> <a href="#">As a repository manager, items in the repository will automatically be deposited in a long-term dark preservation repository, e.g. APTrust using DART for archival preservation.</a> <a href="#">As a repository manager, upon termination of my repository service, I expect DOIs in my repository to be handed over to the preservation archive manager.</a>

				As a repository manager, I need to be able to fetch preservation copies of files from the dark repository in my current, live repository in case of loss or damage to files. This can be facilitated by DOI.
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### Work packages (WPs)

WP0: BL-Hyku 1/Hyku 2-3 Alignment

WP1: Auto Population

WP2: Metrics 1

WP3: Author Profile Synchronization

WP4: In-Browser Display

WP5: Metrics 2

WP6: Architecture review

WP7: Preservation Pathways UVA

WP8: Migration of hosted Hyku UVA

### Priority levels

Essential, Desirable, Nice to have

### Personas : <type of user>

U1: Repository manager: Person who technically manages the repository

U2: Author/ researcher: Person who submits work to the repository

U3: Reader/visitor/end user: Person who uses the repository and its content

U4: Decision maker: Person who governs the institution where the repository is owned

U5: Funder: Person who funds the research deposited in the repository

U6: Data provider: Institutions provide (meta)data to the hosted repository service