ArcLight

illuminating archives

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Background

- Intended to build a Blacklight-based system to support discovery and delivery of archival materials
- Collaborative, user-centered design process began in 2014 at Stanford University
- Gathered stakeholder goals from approximately 12 institutions
- Community-based design team includes Stanford as well as University of Michigan, Chemical Heritage Foundation, and Georgia Tech

ArcLight Design Process: Tasks & Timeline

Updated 2016-09-29

Discovery

Phase 1

- ✔ Environmental scan
- ✔ Stakeholder goals
- ✔ Interview planning

Phase 2

- ✔ Archivist interviews
- ✔ End-user interviews
- ✔ Interview analysis

Information Architecture

Phase 1

- User needs
- User personas
- Requirements prioritization

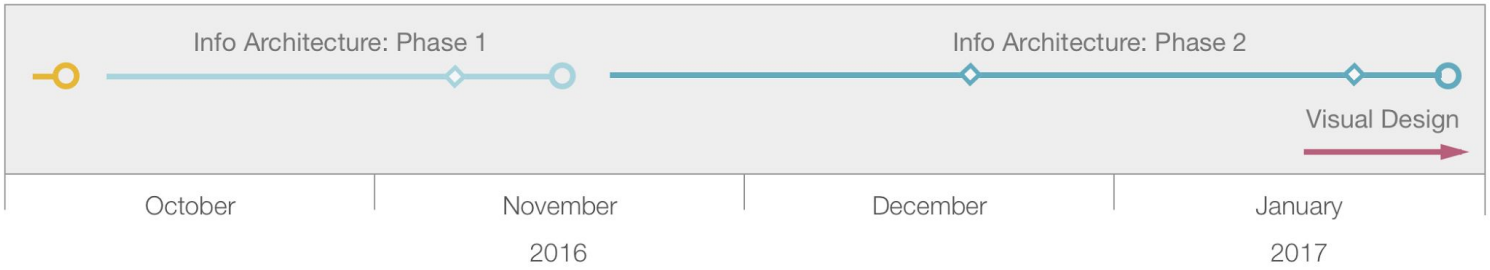
Phase 2

- Conceptual models
- Conceptual sitemaps
- Wireframes

Visual Design

Phase 1

- Visual design mockups
- Visual design style guide



ArcLight

Persona Overview

Name	Bradley Skyles	Marcia Garza	Coretta Rey
Role	Support Developer	Administrator	Arrangement and Description Archivist
Institution Type	Large public university	Independent research institution	Large public university

Name	Anton Pedersen	Bob Olson	Anna Chandler, Ph.D.
Role	Public Service Archivist	Community Researcher	Advanced Researcher
Institution Type	Independent research institution	Large public university	Large public university

ArcLight requirements - draft prioritization

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fx #

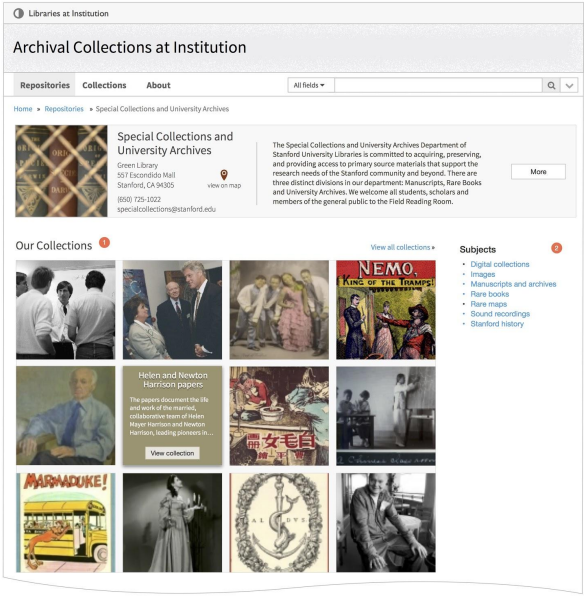
	A	B	C	D	E	
1	#	Category	Sub-Category	Requirement	Prioritization	Source
2	1.1	1. Core Discovery	Accessibilty	Accessible (WCAG 2.0 level AA)	1 - Must have	Stanford ArcLight fee
3	1.2	1. Core Discovery	Accessibilty	Support accessibility standards for all researchers	1 - Must have	Michigan ArcLight Fe
4	1.11	1. Core Discovery	Browse	Facet and refine search results by subject	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
5	1.12	1. Core Discovery	Browse	Provide by browse by subject/creator	1 - Must have	ArchivesSpace PUI F
6	1.3	1. Core Discovery	Browse	Facet and refine search results	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C interview analysis; RA
7	1.4	1. Core Discovery	Browse	Facet and refine search results by agent/creator	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
8	1.5	1. Core Discovery	Browse	Facet and refine search results by content types	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
9	1.6	1. Core Discovery	Browse	Facet and refine search results by dates	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
10	1.62	1. Core Discovery	Browse	Facet and refine search results by level of description	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
11	1.7	1. Core Discovery	Browse	Facet and refine search results by digital materials	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
12	1.8	1. Core Discovery	Browse	Facet and refine search results by formats	1 - Must have	ArcLight Personas - E Reqs 2; Penn State A ArcLight Feedback; C
						ArcLight Personas - E

40 MVP prioritization | 1 Requirements Related to Admin UI | Requirements Related to Admin UI - duplicate notes removed

Explore

ArcLight - Page Mockups

Repository detail page

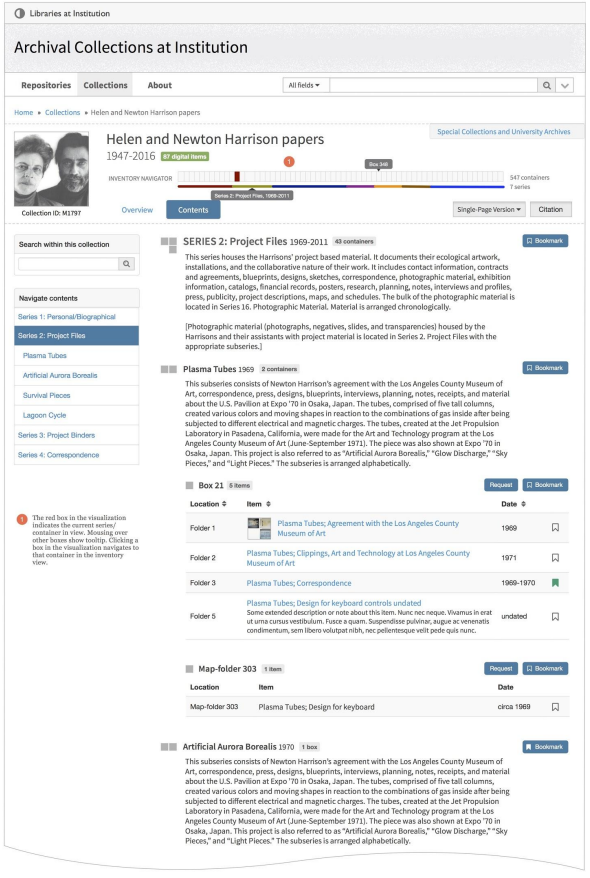


1 This section is a preliminary idea. General goal is to highlight the repository's collections in an inviting way.

2 Sidebar heading and links configurable so each repository can provide links relevant to that repository.

ArcLight - Page Mockups

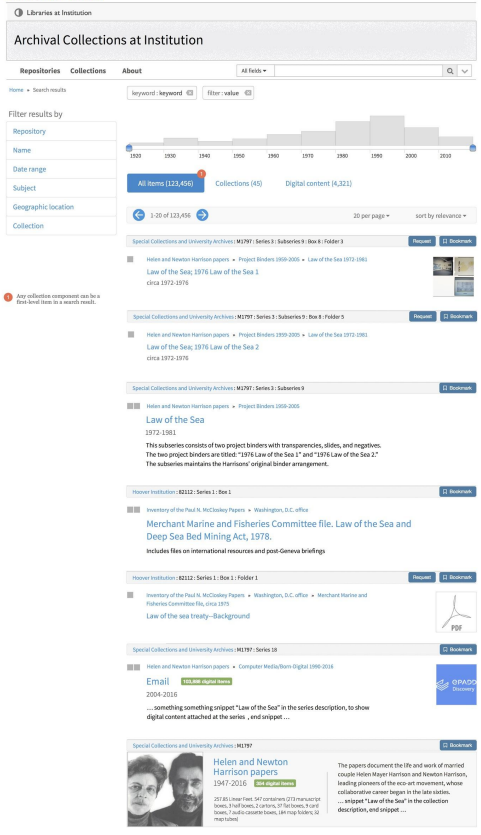
Collection detail page - contents (inventory) section



1 The red box in the visualization indicates the current series/container in view. Mousing over other boxes show tooltip. Clicking a box in the visualization navigates to that container in the inventory view.

ArcLight - Page Mockups

Search results - all items



1 Any collection component can be a first-level item in a search result.

What's next?

We need your help!

- Work cycle to develop minimum viable product: April 10-June 2, 2017; involvement from Stanford, Michigan, Rockefeller Archives Center, NLM, ...
- Looking for interested developers, UX designers, archivists, subject matter experts
- Can accommodate partial FTEs or timed involvement during this period

Gratitude for time and service

- Hillel Arnold, Rockefeller Archives Center
- Gary Geisler, Stanford University
- Wendy Hagenmaier, Georgia Tech
- Frank Ferko, Archive of Recorded Sound, Stanford University
- Charles Fosselman, East Asia Library, Stanford University
- Nabeela Jaffer, University of Michigan
- Jenny Johnson, Special Collections and University Archives, Stanford University Library
- Sarah Newhouse, Chemical Heritage Foundation
- Kayla Ondracek, (formerly) University of Michigan
- Michelle Paquette, Special Collections and University Archives, Stanford University Library
- Sarah Patton, Hoover Institution Archives
- Chris Powell, University of Michigan
- John Rees, National Library of Medicine
- Mike Shallcross, Bentley Historical Library, University of Michigan
- Jennifer Vine, Stanford University
- Laura Wilsey, Stanford University

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