

MICHIGAN STATE

UNIVERSITY

Beta Presentation

“Stacklife” Library Search and Display Tool

The Capstone Experience

Team Harvard Law School

Jaimee Beckett

Ethan Dunnum

Ze Liu

Andrew Vo

Sean Wright

Department of Computer Science and Engineering

Michigan State University

Fall 2019



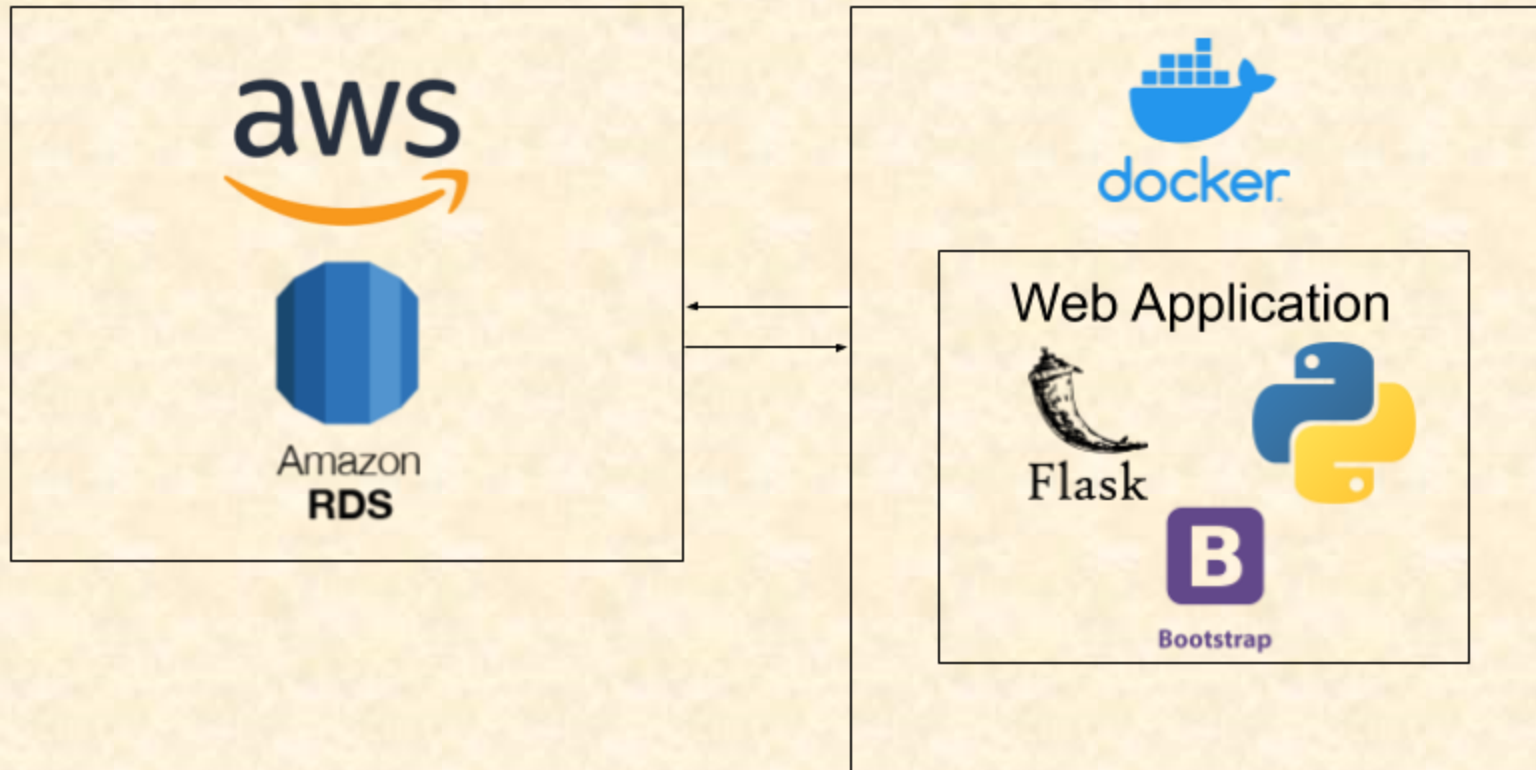
*From Students...
...to Professionals*

Project Overview

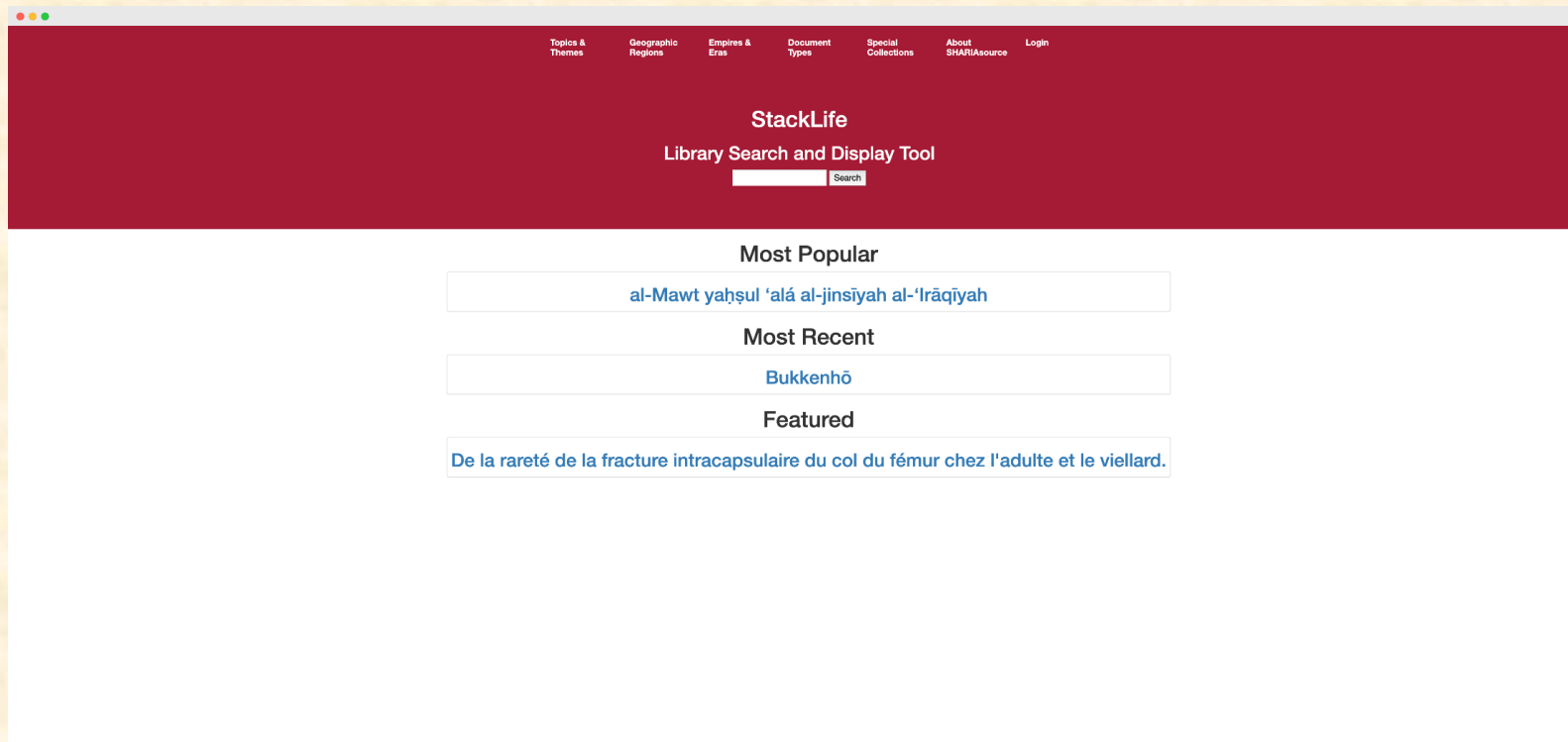
- Create an easy interactive site to access Islamic Law text
- Consolidate information about Islamic Law texts from Harvard Library
- Display analytic information
- Allow researchers to customize searches and record search history



System Architecture



Homepage



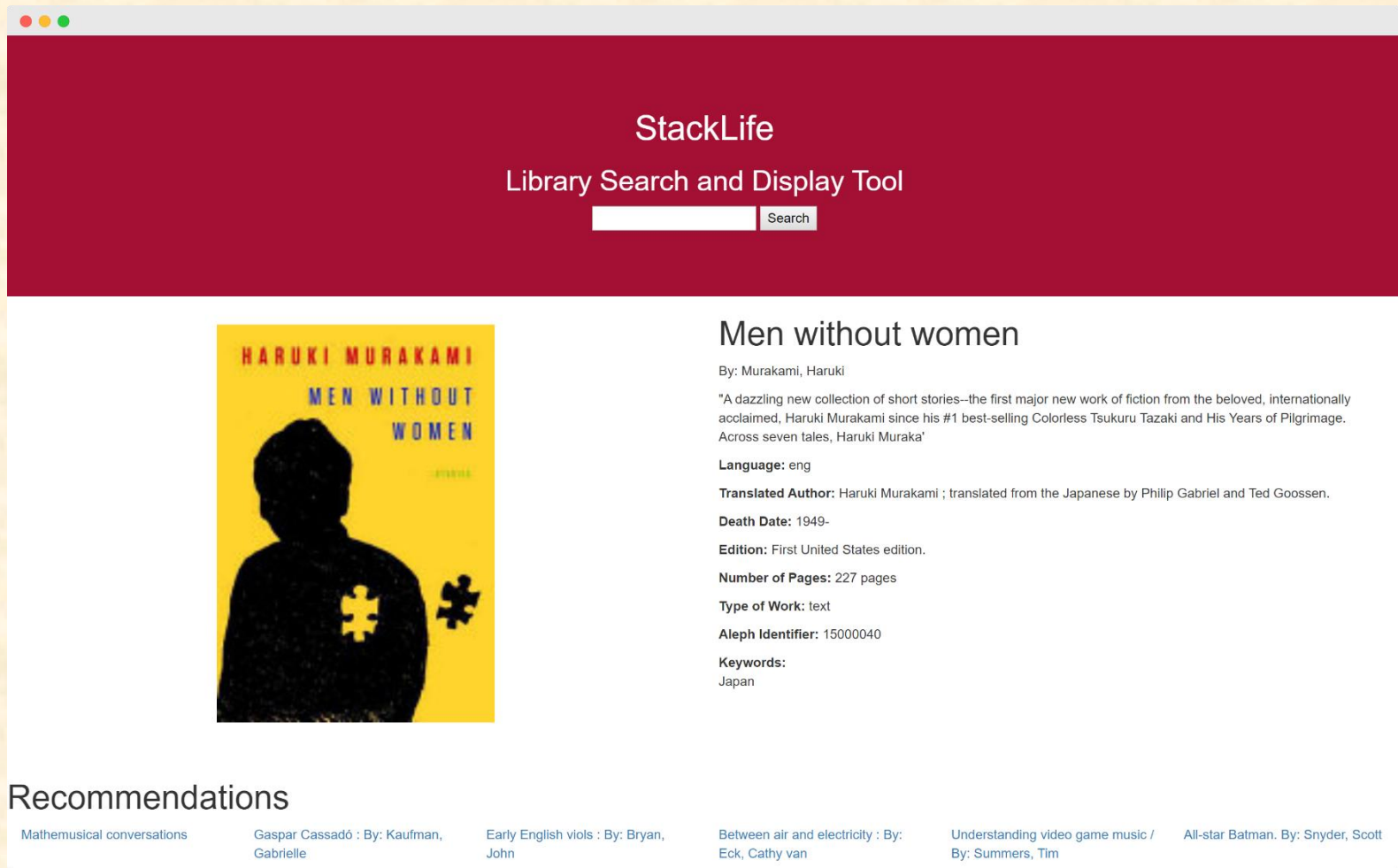
Results

The screenshot shows a web application interface for StackLife. At the top, there is a dark red navigation bar with several menu items: Topics & Themes, Geographic Regions, Empires & Eras, Special Collections, About SHARIAsource, Advanced Search, and Sign out. Below the navigation bar, the main content area has a white background. It features the StackLife logo and the title "Library Search and Display Tool". There is a search input field with a "Search" button. Below the search bar, it indicates "displaying 1 - 2 records in total 2". A table with four columns (Title, Publication Date, Author, Description) displays two search results. The first result is "Middle Klamath River sub-basin planning2003." with "None" for the other fields. The second result is "Final report implementing water quality restoration measures, restoration project monitoring, and project monitoring information management for the Shasta sub-basinNone" with "None" for the Publication Date and Description, and "Pak, Chin-t'ae." for the Author.

Title	Publication Date	Author	Description
Middle Klamath River sub-basin planning2003.	None	None	None
Final report implementing water quality restoration measures, restoration project monitoring, and project monitoring information management for the Shasta sub-basinNone	None	Pak, Chin-t'ae.	None



Single Result

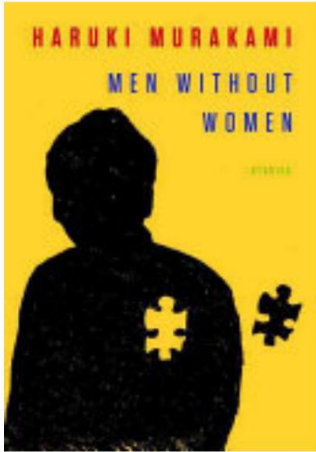


The screenshot displays the StackLife library search and display tool. At the top, the title "StackLife" is centered above the subtitle "Library Search and Display Tool". Below this is a search bar with a "Search" button. The main content area features a book cover for "Men without women" by Haruki Murakami on the left. The cover is yellow with a black silhouette of a person's head and shoulders, and two puzzle pieces on the chest. To the right of the cover, the book title "Men without women" is displayed in a large font. Below the title, the author "By: Murakami, Haruki" is listed. A descriptive paragraph follows: "A dazzling new collection of short stories—the first major new work of fiction from the beloved, internationally acclaimed, Haruki Murakami since his #1 best-selling Colorless Tsukuru Tazaki and His Years of Pilgrimage. Across seven tales, Haruki Muraka'". Below the description, several metadata fields are listed: "Language: eng", "Translated Author: Haruki Murakami ; translated from the Japanese by Philip Gabriel and Ted Goossen.", "Death Date: 1949-", "Edition: First United States edition.", "Number of Pages: 227 pages", "Type of Work: text", "Aleph Identifier: 15000040", and "Keywords: Japan". At the bottom of the page, a "Recommendations" section lists several related titles: "Mathemusal conversations", "Gaspar Cassadó : By: Kaufman, Gabrielle", "Early English viols : By: Bryan, John", "Between air and electricity : By: Eck, Cathy van", "Understanding video game music / By: Summers, Tim", and "All-star Batman. By: Snyder, Scott".

StackLife

Library Search and Display Tool

Search



Men without women

By: Murakami, Haruki

"A dazzling new collection of short stories—the first major new work of fiction from the beloved, internationally acclaimed, Haruki Murakami since his #1 best-selling Colorless Tsukuru Tazaki and His Years of Pilgrimage. Across seven tales, Haruki Muraka'

Language: eng

Translated Author: Haruki Murakami ; translated from the Japanese by Philip Gabriel and Ted Goossen.

Death Date: 1949-

Edition: First United States edition.

Number of Pages: 227 pages

Type of Work: text

Aleph Identifier: 15000040

Keywords:
Japan

Recommendations

Mathemusal conversations Gaspar Cassadó : By: Kaufman, Gabrielle Early English viols : By: Bryan, John Between air and electricity : By: Eck, Cathy van Understanding video game music / By: Summers, Tim All-star Batman. By: Snyder, Scott



Advanced Search

The screenshot shows the StackLife Library Search and Display Tool interface. At the top, there is a navigation bar with links for Topics & Themes, Geographic Regions, Empires & Eras, Special Collections, About SHARIAsource, Advanced Search, and Sign out. The main header area is dark red and contains the text "StackLife Library Search and Display Tool" and a search input field with an "Advanced Search" button. Below the header, the interface is divided into several filter categories, each with a list of options and a "Show more" link:

- Topics:** Holy spirit, God (christianity), Holy spirit (judaism), Holy spirit, Theology, doctrinal.
- Geographic Regions:** Iraq, Ashur (extinct city), Mosul (Iraq), Islamic empire, Damascus (syria), Spain.
- Genres:** Poetry, Conference papers and proceedings, Biography, Criticism, interpretation, etc., History.
- Empire & Era:** All, Early Islamic Rule, 'Abbasids, Umayyads, Subsequent Empires.
- Document Type:** Illustrations ; Color illustrations ; Illustrations (some color), music ; Illustrations, music ; Photographs (some color), illustrations, music ; Chiefly illustrations (chiefly color) ;
- Original Language:** Aa, Eng, Kor, Chi, Spa, Ger.
- Publication Date:** (Empty input field)
- Publisher:** Pyut'inuri, Hwajangp'um sinmunsa, Pulgwang ch'ulp'ansa, Fodor's travel, a division of internet brands, inc., Edward elgar, Distanz verlag ;
- Author:** (Empty input field)
- Saved Searches:** (Empty input field), Save Search button.



What's left to do?

- Complete data migration
- Update UI
- Tailor advanced search page for client
- Manual testing



Questions?

?

?

?

?

?

?

?

?

?

