High–level accessibility review – EBSCO eBooks - Library Accessibility Alliance

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EBSCO eBooks

Summary:

Top 3 problems for the EBSCO

This high-level assessment covers limited portions and functionality of the EBSCO. The assessment revealed issues with assistive technology compatibility, resulting in some users missing information required to understand content, states, and operate functions. It is important to keep in mind that the findings represent a high-level assessment and do not reflect the results of a Deque Comprehensive Web Assessment. The following are the top 3 issues from this evaluation.

- **Link Purpose:** The names for the links do not describe their purpose.
- **Keyboard Navigation:** Drop-down items are not accessible using keyboard and NVDA.
- **Descriptive Labels:** Multiple input fields and drop-downs have the same programmatic labels.
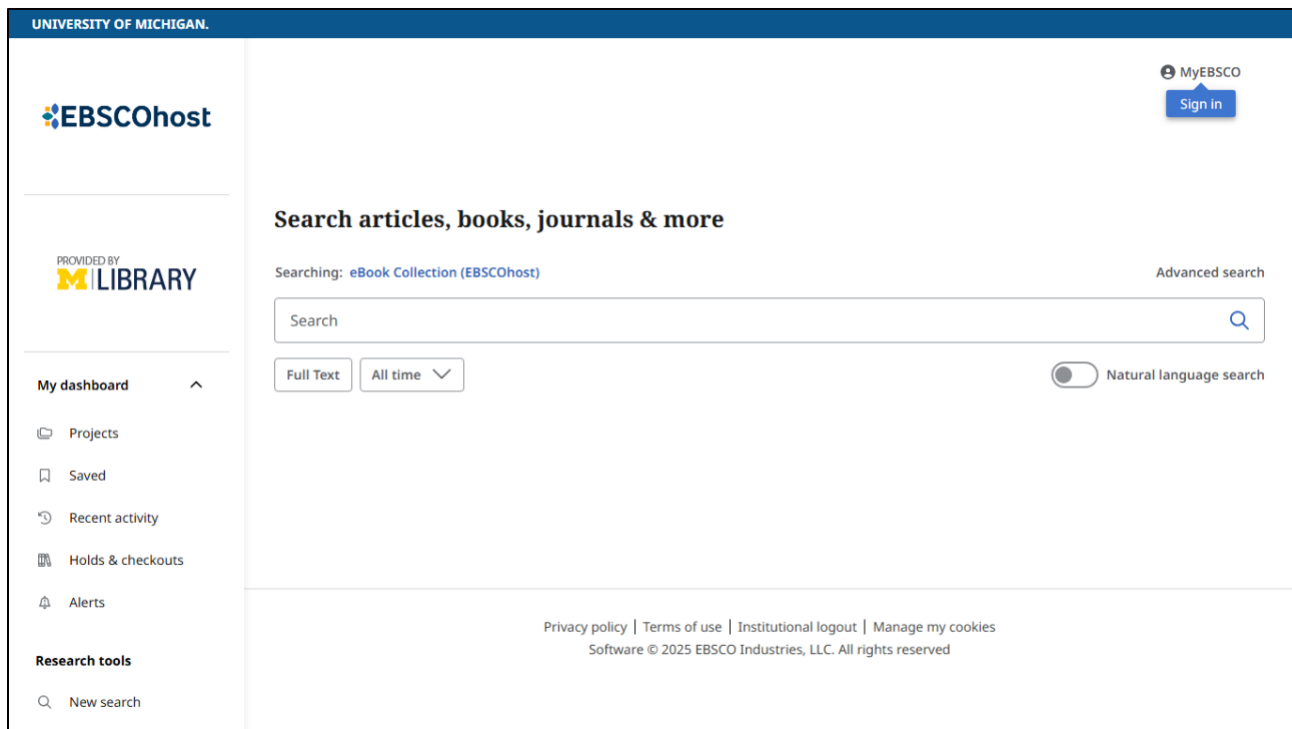
Accessibility findings

1. **Initial Interface/Landing Page**
Source: https://research-ebsco-com.proxy.lib.umich.edu/c/mqk2bj/search
Test case: Test the initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible.
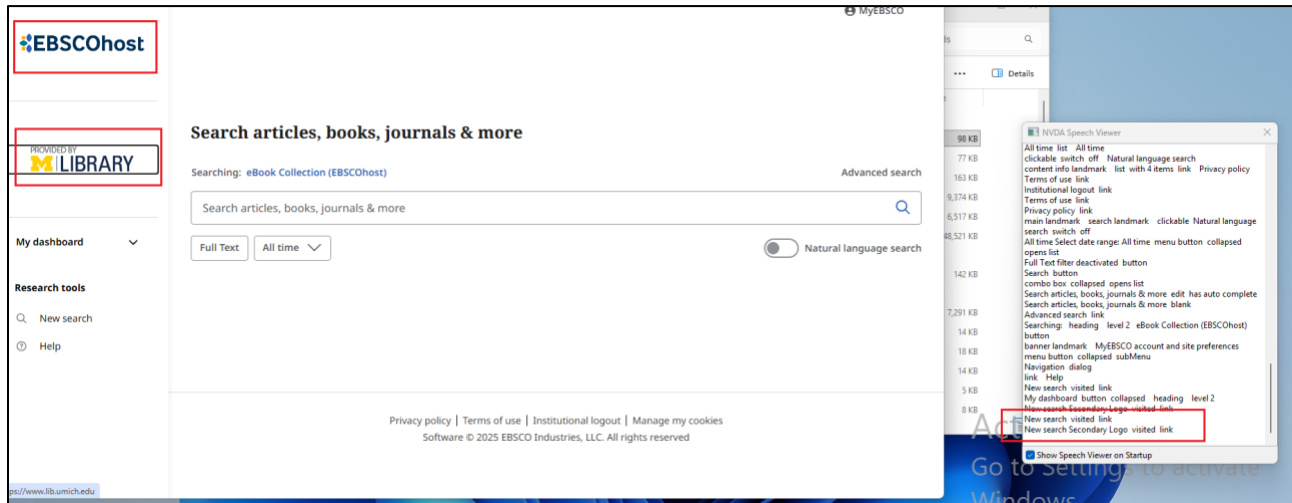
Automated findings using Axe: None
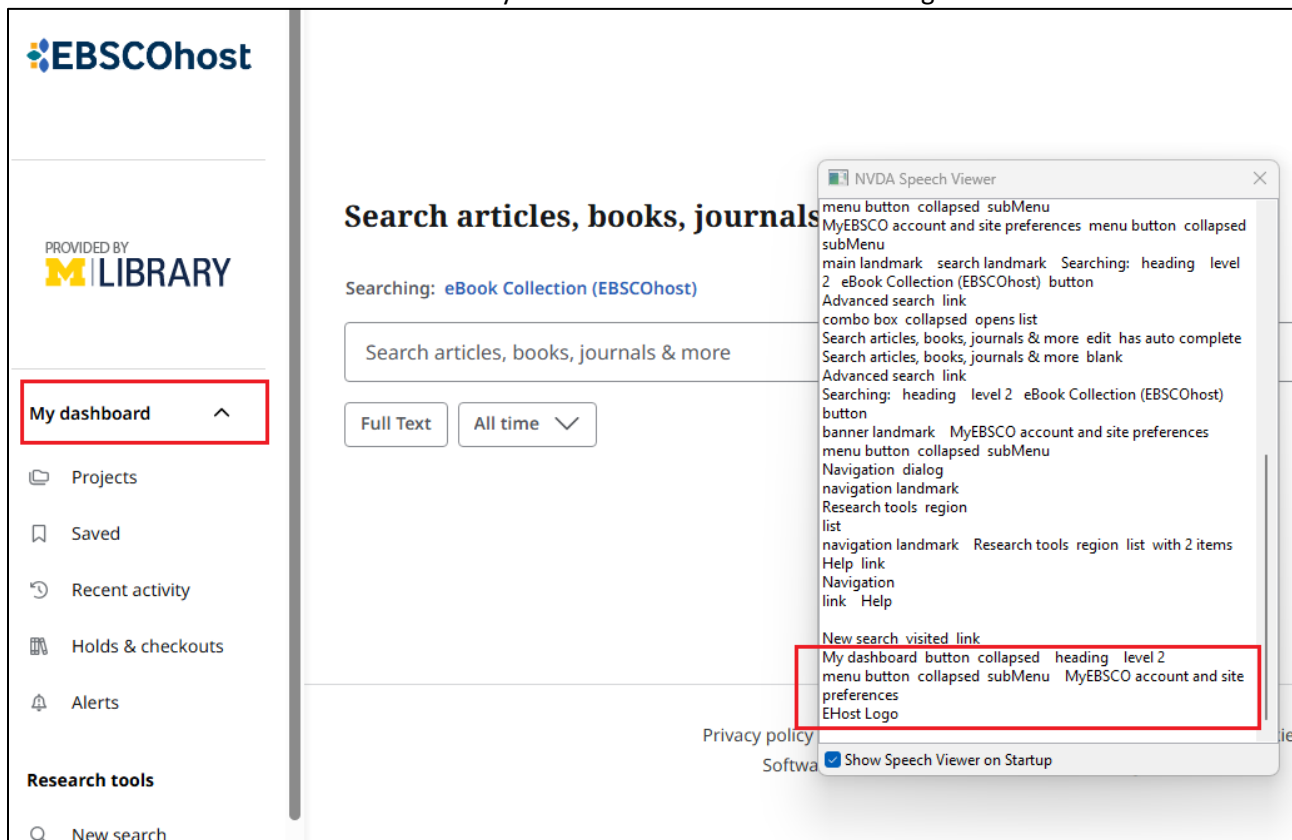

Additional manual findings

- **SC 2.4.4.a Link Purpose (In Context):**

Names for links do not describe their purpose. NVDA announces "New search link" and "New search secondary link", respectively.
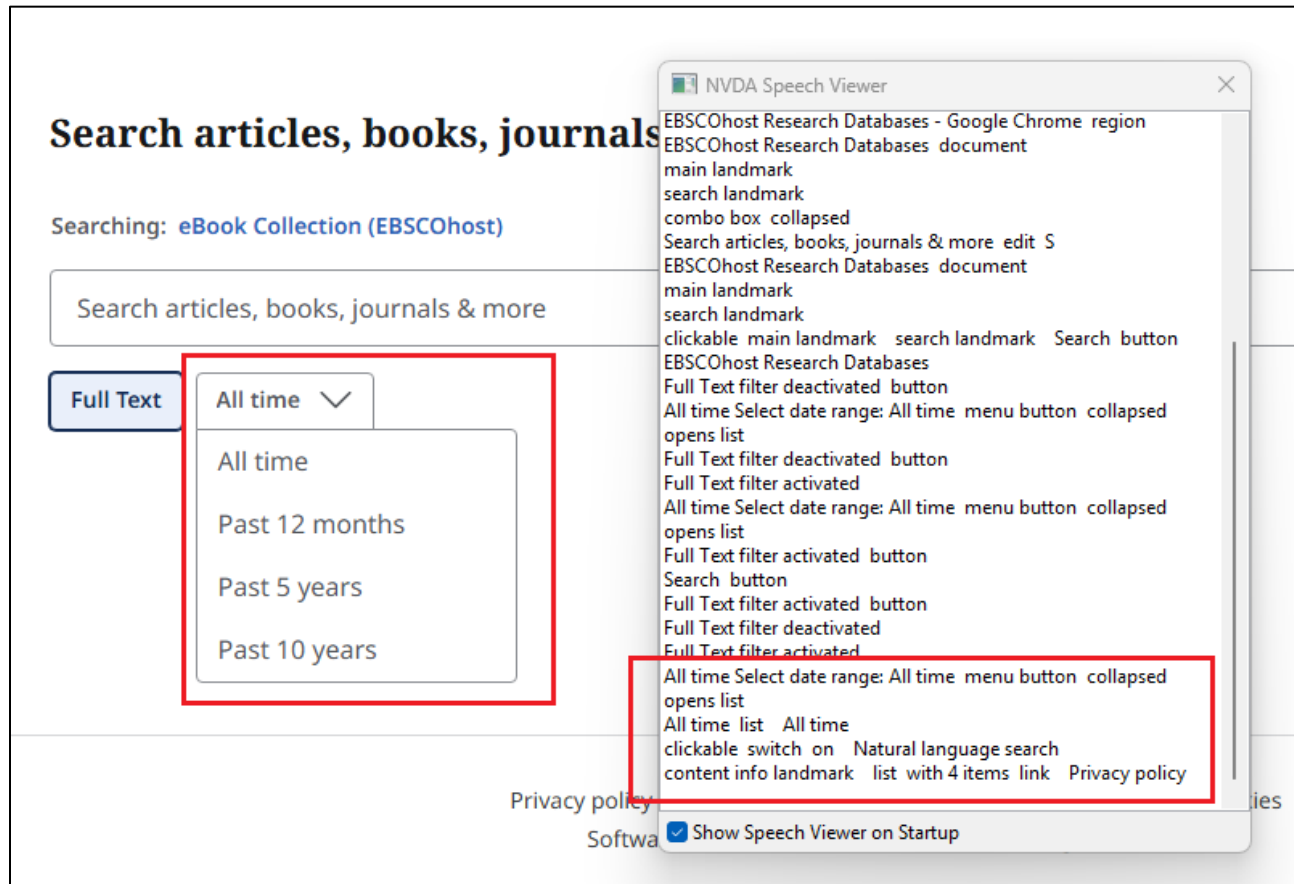

- **SC 3.2.2.a Context Changes (In Input):**
  Focus does not remain on the "My dashboard" button after activating that.

- **SC 2.1.1.a Keyboard Navigation:**
 With NVDA, keyboard users cannot select the drop-down items.

2. Search results Page

Source: https://research-ebsco-com.proxy.lib.umich.edu/c/mqk2bj/search/results?q=shakespeare&autocorrect=y&db=nlebk&limiters=None&searchMode=boolean&searchSegment=all-results&sqId=sq%3A4e27aaed-f9d9-40e1-905e-25b2bd976077

Test case:

- From the initial landing page, search for: "Shakespeare."
- Test search results page, including filters/refine search (publication date, subject, category) and sort by options.
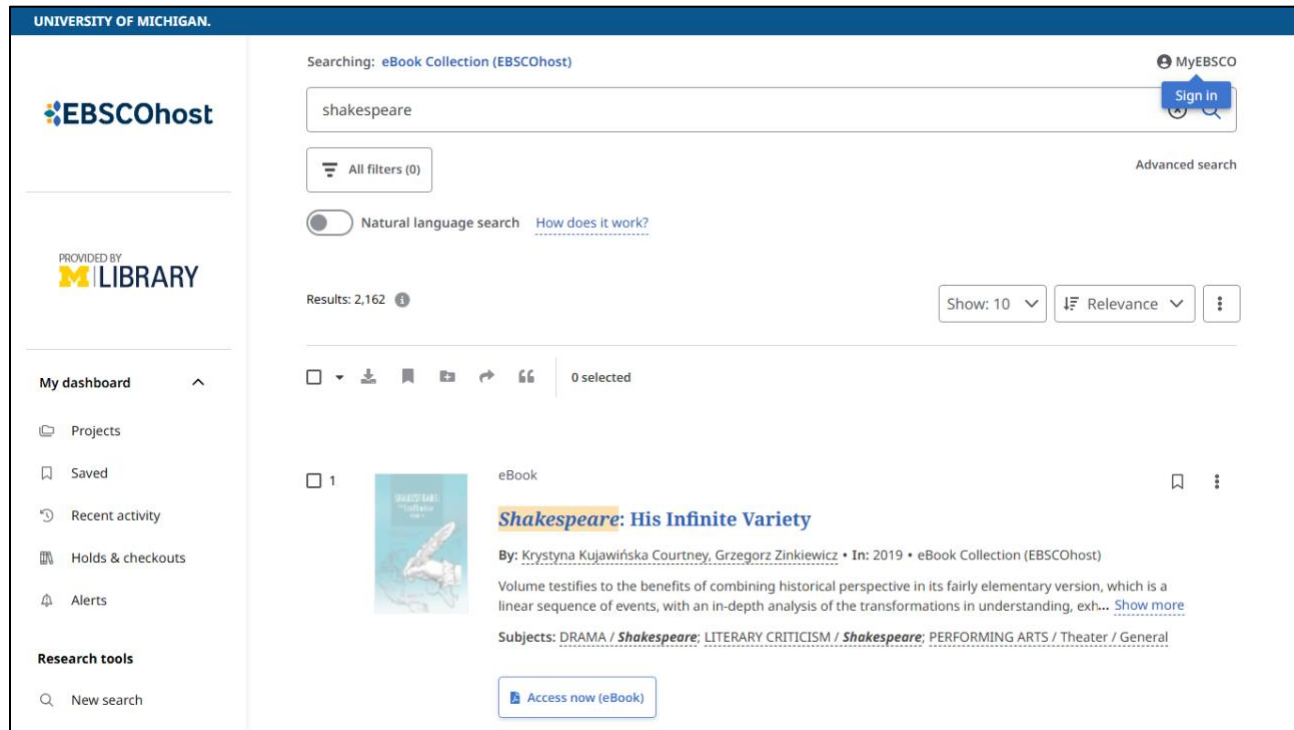
Automated findings using Axe:

- **SC 4.1.2.b – Custom Controls**
  aria-labelledby attribute is not well supported on a section with no valid role attribute.
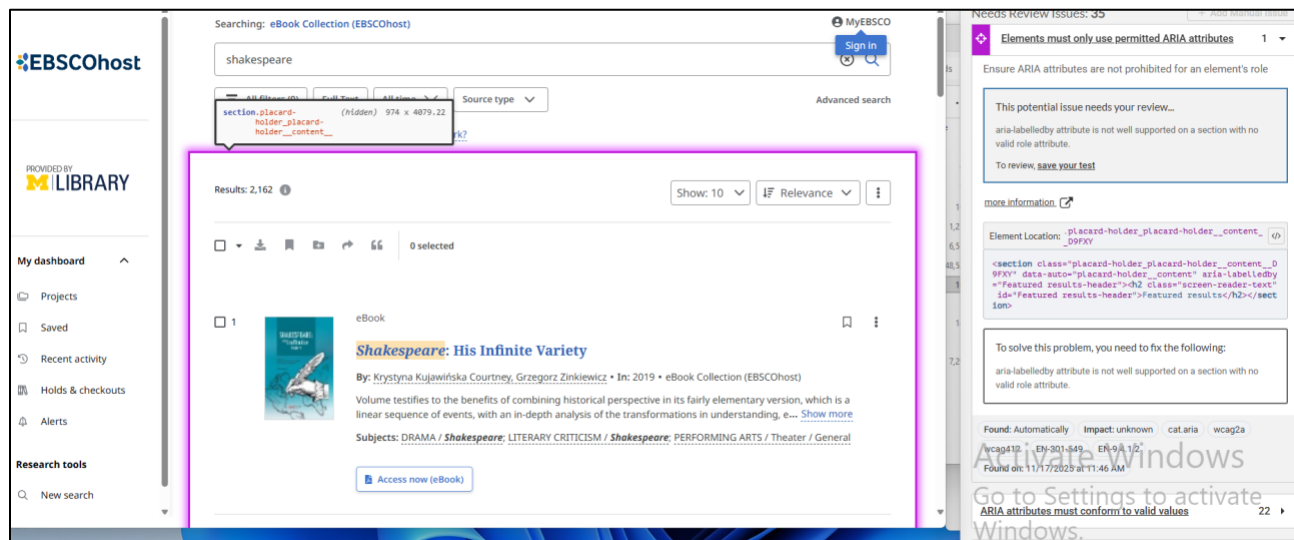
Additional manual findings

- **SC 4.1.2.a Name, Role, Value:**
  Expanded state not announced by NVDA after activating.
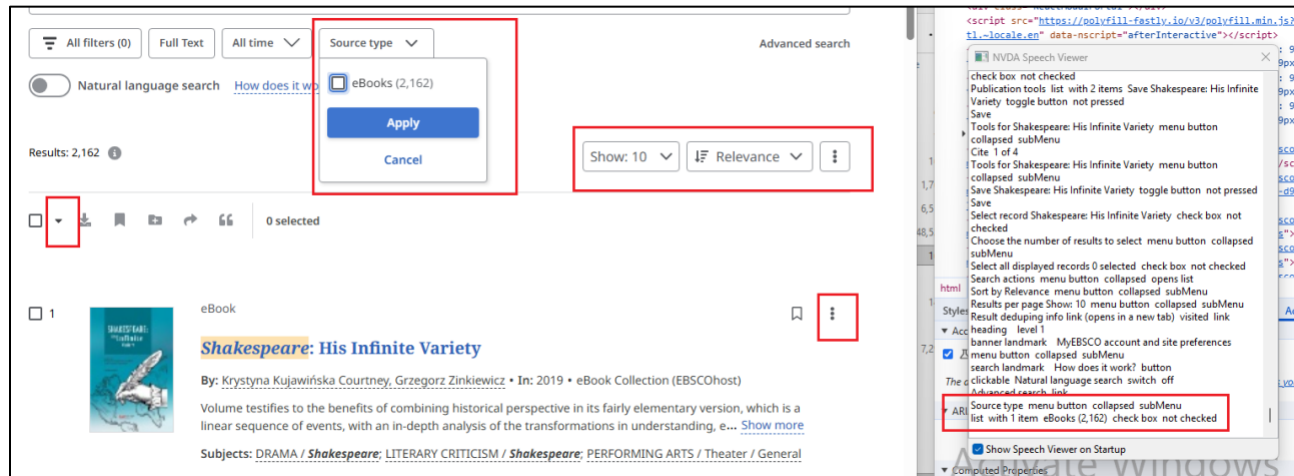
- **SC 1.1.1.d Alternative Text (Decorative Images):**
  Alt="" (null) not defined for decorative images.
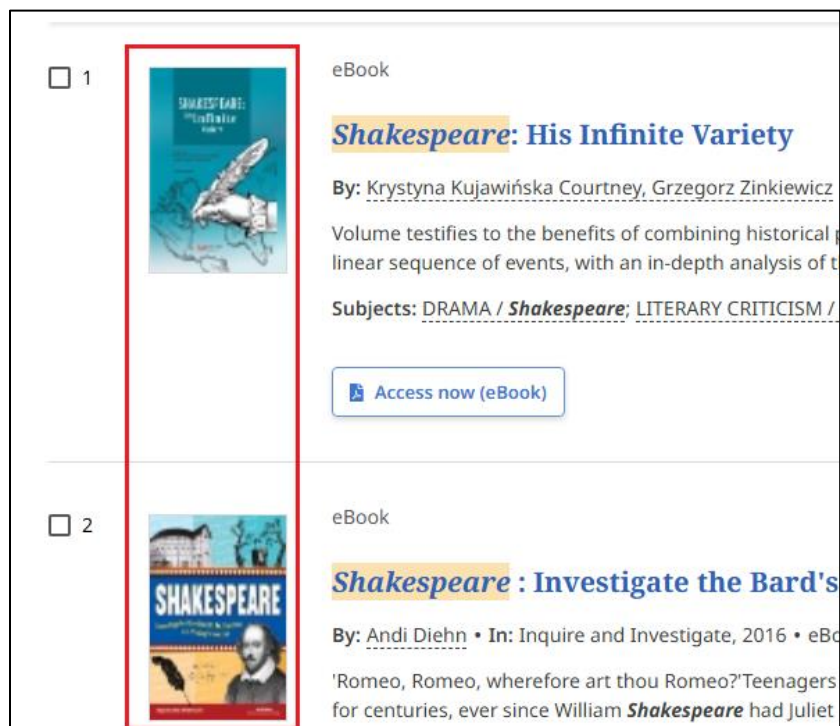
- **SC 2.5.3.a Label in Name:**
  Check box visible label is not announced in name. NVDA announces as "Select record Shakespeare: <book name> check box not checked" but does not announce "2".

3. Individual Search Result landing Page

Source: https://research-ebsco-com.proxy.lib.umich.edu/c/mqk2bj/search/details/ysjfzwm6uf
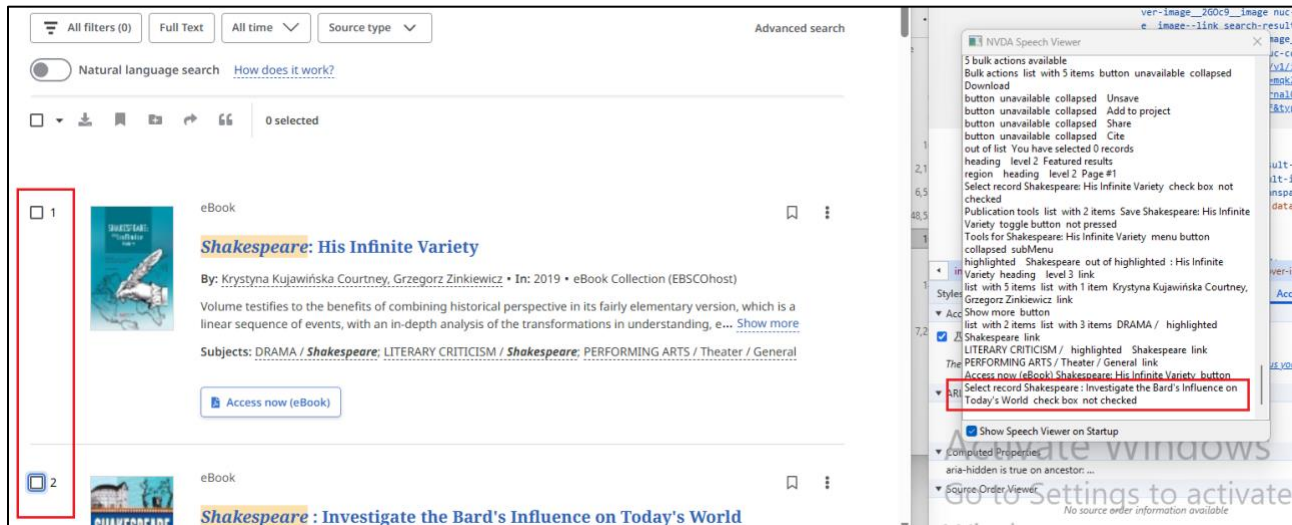
Test case:

- Test individual search result landing page ("Shakespeare: The Dark Comedies to the Last Plays: From Satire to Celebration") & test actual document (PDF, video, etc.).

Automated findings using Axe: None

Additional Manual Findings:

- **SC 4.1.2.1 – Name, Role, Value**
  The expanded state is not announced after activating the drop-down.

4. Advanced Search Page

Source: https://research-ebsco-com.proxy.lib.umich.edu/c/mqk2bj/search/advanced/filters
Test case:
- Test the advanced search page

Automated findings using Axe: None

Additional Manual Findings:

- **SC 2.4.6.b Descriptive Labels**
  Multiple fields have the same programmatic labels.

- **SC 2.4.6.b Descriptive Labels**
  Multiple fields have the same programmatic labels. Both Start date and End dates have aria-label as "MM/DD/YYYY"