High–level accessibility review – LAA
(Swank Motion Pictures Platform)

Primary Point of Contact
John Truong
Project Manager

Deque Systems, Inc.
Web: www.deque.com
Email: john.truong@deque.com

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deque

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Swank Motion Pictures Platform

Summary

Top 3 problems for the Swank Motion Pictures Platform

This high-level assessment covers limited portions and functionality of the Swank Motion Pictures Platform. 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.

1. **Use of Color –** The focus state of many interactive elements is only identified with a change in background and the background does not have at least 3:1 contrast with the initial background of the element.
2. **Name, Role, Value –** There are aria-hidden elements at the top of every page that contains focusable elements.
3. **Label or Instructions –** The search field and filters that appear on most of the pages either do not have a visible label or do not have a persistent visible label.

Previous 2020 assessment findings comparison

The 2020 assessment highlighted keyboard, focus order, heading and organization issues as well as issues with the video shortcut keys. In this assessment no issues with keyboard or focus order came up. The global short cut keys for videos did not cause any issues for keyboard only users they however do not work for screen readers users. Screen reader users can still access the content by tabbing through the video controls. There were no heading and organization issues found. Headings were properly used and used in proper order.

Accessibility findings

Project wide issues

The issues presented in this section were identified in multiple pages and are recorded here to avoid repetition. These are applicable to each screen. Due to particularities, similar issues are still reported on a page per page basis, where applicable.

Automated findings using Axe

Issues found through automated testing come from the Axe plugin, an open source accessibility testing tool that is available for Chrome, Firefox and Edge. Details here: https://www.deque.com/products/axe/.

1. **SC 4.1.2 A** – Name, Role, Value – focusable content should have tabindex="-1" or be removed from the DOM. There are several of these at the very top left corner of each page.
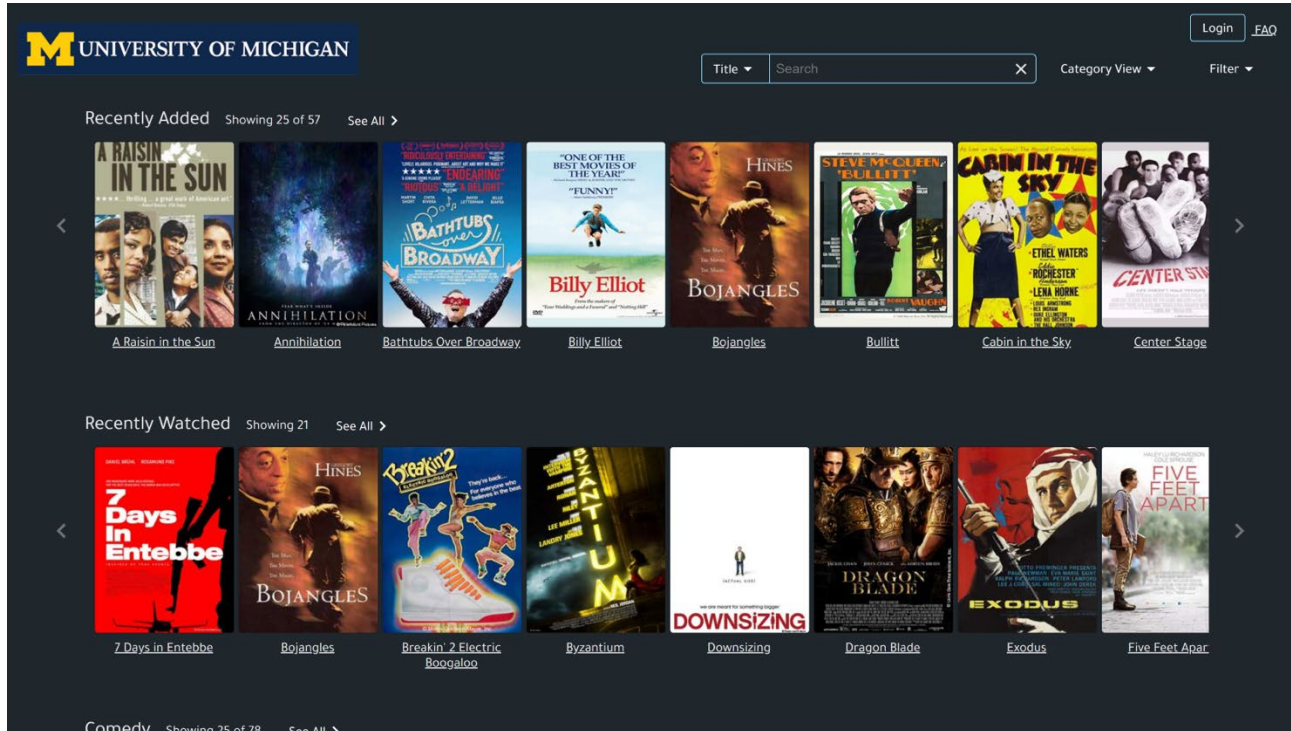
Additional manual findings using NVDA screen reader

1. **SC 1.1.1 A** – Text Alternative - Text alternative for the Michigan logo reads as "Page Header Logo" which does not provide the same info as the visible text. Alt text should be "University of Michigan".

1. Landing Page

Source: **https://digitalcampus-swankmp-net.proxy.lib.umich.edu/umichdatabase286031**

Test case: Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible.

Automated findings using Axe
No automated issues found.

Additional manual findings using NVDA screen reader
1. **SC 1.4.1 A** – Use of Color – "Login", "Search by (Person/Title)", "Category View", "filter" and "See All" focus is only indicated by a change in background color and the focus background (#535A5E) does not have at least 3:1 contrast with the initial background (#1E272D). Contrast is only 2.2:1.
2. **SC 1.4.1 A** – Use of Color – "Clear Search (x)" focus is only indicated by a change in background color and the focus background (#555A5F) does not have at least 3:1 contrast with the initial background (#1E272D). Contrast is only 2.2:1.
3. **SC 1.4.1 A** – Use of Color – "Trailer" focus is only indicated by a change in background color and the focus background (#76ABC2) does not have at least 3:1 contrast with the initial background (#9BE0FE). Contrast is only 1.7:1.
4. **SC 1.4.1 A** – Use of Color – "Close Details (x)" focus is only indicated by a change in background color and the focus background (#51585C) does not have at least 3:1 contrast with the initial background (#1A2126). Contrast is only 2.2:1.
5. **SC 1.4.1 A** – Use of Color – "Category View Options" focus is only indicated by a change in background color and the focus background (#3B4148) does not have at least 3:1 contrast with the initial background (#293238). Contrast is only 1.3:1.
6. **SC 1.4.1 A** – Use of Color – "Filter subcategory options (Action, Adventure, drama, etc.)" focus is only indicated by a change in background color and the focus background (#5C6368) does not have at least 3:1 contrast with the initial background (#293238). Contrast is only 2.1:1.
7. **SC 1.4.3 AA** – Color Contrast Minimum – "Search" text (#747474) does not have at least 4.5:1 contrast
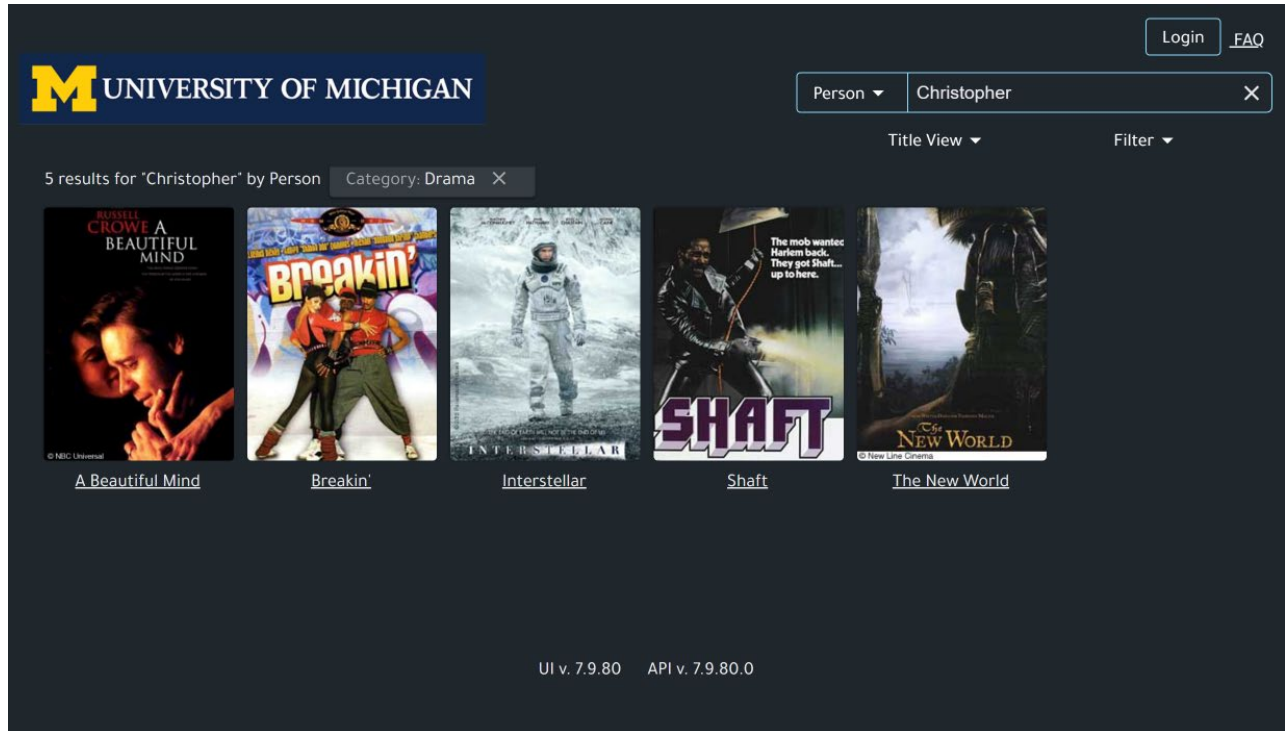
with the background (#1F272D). Contrast is only 3.2:1.

8. **SC 2.1.1 A** – Keyboard – "Previous" and "Next" buttons cannot be reached with the keyboard alone.
9. **SC 3.3.2 A** – Label or Instructions – "Search" field visible label is provided by placeholder text and disappears when the user interacts with the field.
10. **SC 3.3.2 A** – Label or Instructions – "Search Type" and "View" selectors/menus do not have a visible label.

2. Search Results – Christopher

Source: https://digitalcampus-swankmp-net.proxy.lib.umich.edu/umichdatabase286031/grid

Test case: From the initial landing page, conduct a Person search for: Christopher. Test search results page, including filters/refine search, example category Drama, and sort by options.

Automated findings using Axe

No automated issues found.

Additional manual findings using NVDA screen reader

1. **SC 1.4.1 A** – Use of Color – "Category Drama X" focus is only indicated by a change in background color and the focus background (#666B6F) does not have at least 3:1 contrast with the initial background (#353D42). Contrast is only 2.1:1.
2. **SC 1.4.3 AA** – Contrast Minimum – "Category Drama X" text on hover (#A5A9AB) does not have at least 4.5:1 contrast with the background (#666B6F). Contrast is only 2.3:1.
3. **SC 4.1.3 AA** – Status Messages – When filters are added the number of results message is updated but the update is not announced to screen readers.

3. Search Results Details

Source: https://digitalcampus-swankmp-net.proxy.lib.umich.edu/umichdatabase286031/play/539B55773CF0FB48

Test case: Test individual search result landing page "Interstellar" & test actual video (audio, subtitles, etc.).

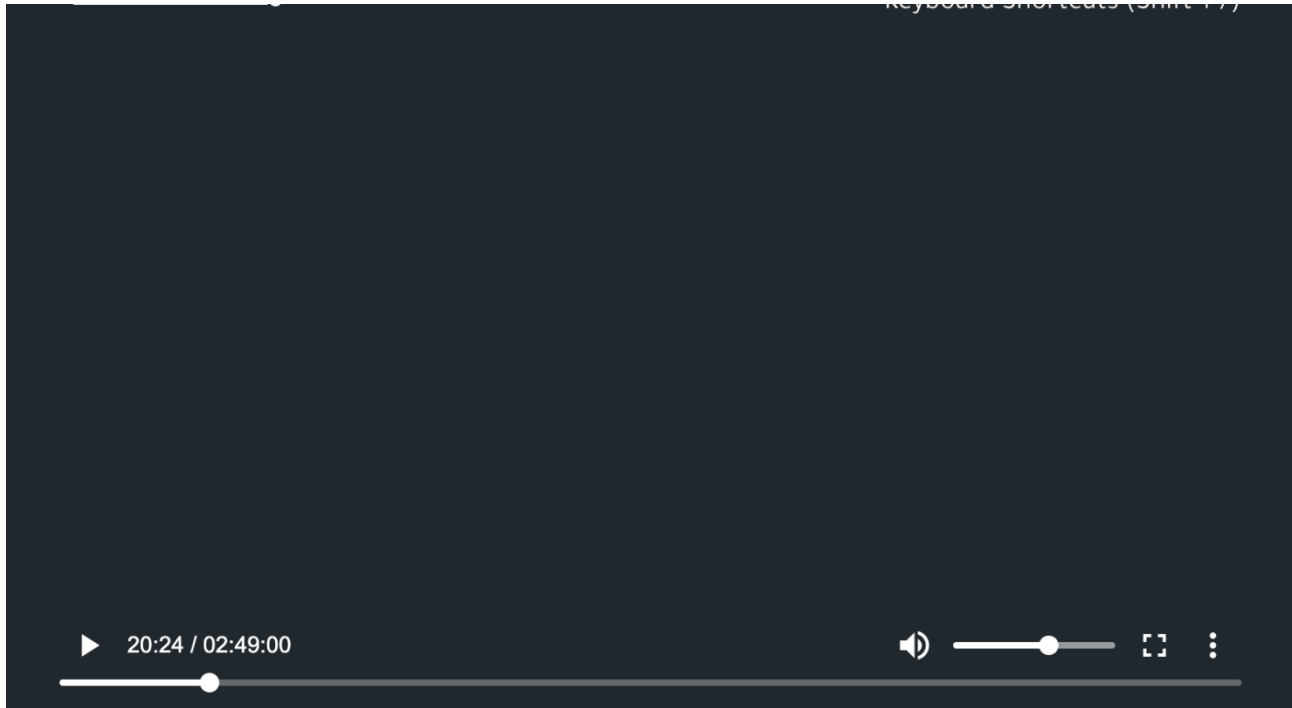**Automated findings using Axe**
No automated issues found.

Additional manual findings using NVDA screen reader
1. **SC 1.4.1 A** – Use of Color – "Keyboard Shortcuts" focus is only indicated by a change in background color and the focus background (#545B5F) does not have at least 3:1 contrast with the initial background (#1F272D). Contrast is only 2.2:1.
2. **SC 1.4.1 A** – Use of Color – "Share Options" focus is only indicated by a change in background color and the focus background (#3B4247) does not have at least 3:1 contrast with the initial background (#2A3237). Contrast is only 1.3:1.
3. **SC 1.4.1 A** – Use of Color – "Share Button" focus is only indicated by a change in background color and the focus background (#545B5F) does not have at least 3:1 contrast with the initial background (#232A2F). Contrast is only 2.1:1.
4. **SC 1.4.1 A** – Use of Color – "Share Button" focus is only indicated by a change in background color and the focus background (#545B5F) does not have at least 3:1 contrast with the initial background (#232A2F). Contrast is only 2.1:1.
5. **SC 1.4.1 A** – Use of Color – "Subtitle Options" focus is only indicated by a change in background color and the focus background (#3B4247) does not have at least 3:1 contrast with the initial background (#2A3237). Contrast is only 1.3:1.

4. Video

Source: https://digitalcampus-swankmp-net.proxy.lib.umich.edu/umichdatabase286031/play/539B55773CF0FB48
Test case: Test individual search result landing page "Interstellar" & test actual video (audio, subtitles, etc.).

Automated findings using Axe
No automated issues found.

Additional manual findings using NVDA screen reader
Not completed due to insufficient time.

Note could not view the video via windows on parallels with chrome. Was tested on Firefox on windows and chrome on mac.