

High-level accessibility review – LAA (HistoryMakers Platform)

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February 28, 2022



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HistoryMakers Platform

Summary

Top 3 problems for the HistoryMakers Platform

This assessment covers portions of the HistoryMakers Platform. The assessment revealed moderate problems with assistive technology compatibility, resulting in some users missing some information required to understand content and operate functions.

1. **Labels** – When the ‘Search’ function is present, there is a typo in the code referencing the label for the input field.
2. **Focus Order** – On a results page, the “View As” results layout options are not all included in the tab order.
3. **Non Text Contrast** – On the video player, the video progress bar contains moderate contrast issues.

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/>.

No common issues were found throughout the site using automated scans.

Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A** – The current link e.g. ‘Home’ in the top level navigation is visually distinguished but not programmatically identified as the current item in the listing of links.
2. **SC 1.4.10 AA** – On a Reflow viewport, the content “The Nation’s Largest African American Video Oral History Collection” content is no longer available.

1. Landing Page

Source: <https://da.thehistorymakers.org/home>

Test case: Initial interface – menus & submenus, search boxes, images, etc.

THE HISTORYMAKERS[®] The Nation's Largest African American Video Oral History Collection

[Home](#) [Maker Directory](#) [Topic Search](#) [Settings](#) [My Clips](#) [Contact Us](#) [FAQ/Help](#)


Welcome to The HistoryMakers Digital Archive

Search stories:

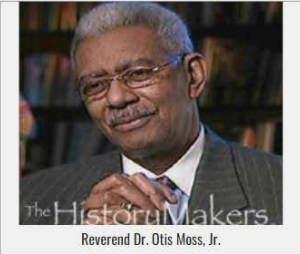
[Story Advanced Search](#)

149,178 stories are assembled here from life oral history interviews with 2,700 historically significant African Americans as of February 26, 2022.


HistoryMakers Born this Day




Sanford T. Roach



Reverend Dr. Otis Moss, Jr.



Bill Duke



Bill Overton

Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Search stories field uses an invalid ARIA attribute: ‘aria-labeledby’ does not exist. Likely, it is “aria-labelledby” which is intended to be used.
2. **SC 1.3.1 A** – The ‘Search stories’ field is not labeled.

Additional manual findings using NVDA screen reader

No issues found.

2. Search Results

Source: <https://da.thehistorymakers.org/stories/2;q=Jesse%20Jackson;ut=1;pg=1;pgS=30>

Test case: Search for Jesse Jackson on initial landing page/interface. Test search results page (menus, filters, etc.)

The screenshot shows the HistoryMakers website interface. At the top, the logo 'THE HISTORYMAKERS.' is on the left, and 'The Nation's Largest African American Video Oral History Collection' is on the right. A navigation bar includes 'Home', 'Maker Directory', 'Topic Search', 'Settings', 'My Clips' (with a notification badge), 'Contact Us', and 'FAQ/Help'. Below the navigation is a search bar with the text 'Search stories:' and a search button labeled 'Search'. A blue banner indicates '1,496 Stories Found'. A 'Filter Results' sidebar on the left includes dropdowns for 'Category', 'Gender', 'U.S. State', 'Decade', and 'Year', and a 'Sort by:' section with 'Relevance' selected. The main content area displays '1496 stories matching: Jesse Jackson, page 1 of 50' and a grid of eight video thumbnails with titles and durations.

Thumbnail	Title	Duration
	Photo - Reverend Jesse Jackson with his son, Jesse Jackson Jr.	0:14
	Clarence Waldron remembers interviewing Reverend Jesse L. Jackson	0:45
	Mannie Jackson recalls his friendship with Reverend Jesse L. Jackson	3:51
	The Honorable Minister Louis Farrakhan remembers his defense of Reverend Jesse L. Jackson	3:47

Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Search Makers’ field uses an invalid ARIA attribute: ‘aria-labeledby’ does not exist. Likely, it is “aria-labelledby” which is intended to be used.
2. **SC 1.3.1 A** – The ‘Search Makers’ field is not labeled.
3. **SC 1.3.1 A** – The list containing the “View as” options has errors in its implementation. A list must only have list items as its children.
4. **SC 4.1.2 A** – Each result card contains a <P> element that has been given an aria-label attribute. This element has no semantic role and does not support the attribute well.

Additional manual findings using NVDA screen reader

1. **SC 2.4.3 A** – In the ‘View as’ section the “List” and “Map” buttons are not included in the natural tab order.
2. **Best Practice SC 1.3.1 A** – The “1,496 Stories Found” content is inappropriately hidden from Assistive Technology with aria-hidden. However this is not necessarily an issue because of the “1496 stories matching: Jesse Jackson, page 1 of 50” content, however if this content were to ever be edited, then it may be required to then expose the previously mentioned content

3. Video Clip Landing

Source: <https://da.thehistorymakers.org/story/633902;q=jesse%20jackson>

Test case: Video clip landing page, video player, transcript

The screenshot shows the HistoryMakers website interface. At the top, the logo 'THE HISTORYMAKERS' is displayed, along with the tagline 'The Nation's Largest African American Video Oral History Collection'. A navigation menu includes 'Home', 'Maker Directory', 'Topic Search', 'Settings', 'My Clips' (with a notification badge), 'Contact Us', and 'FAQ/Help'. The main content area features the title 'The Honorable Minister Louis Farrakhan remembers his defense of Reverend Jesse L. Jackson'. Below the title are two buttons: '< Back' and 'Add to My Clips'. A video player is embedded, showing a man in a suit (Louis Farrakhan) speaking. The video progress bar is visible, showing 0:00 / 3:47. To the right of the video player is a 'Hide Transcript' button and a transcript box. The transcript text reads: 'I got in a fight with the Jewish community. Over the election, right of-- Over Reverend Jackson [HistoryMaker Reverend Jesse L. Jackson] (simultaneous). (Simultaneous) Jackson. And it happened accidentally, you know. At the twentieth anniversary of the March on Washington, I spoke. Reverend Jackson spoke, and Reverend Jackson was speaking at a church that night. And I went to hear my brother, Reverend Jackson is some kind of preacher, boy, that brother can preach. And he's one of the most brilliant men that I have met in my life. He asked me after he preached that night, he said, "I'm thinking about running for the presidency of the United States. Would you help me?" And I told him I would have to talk it over with the believers, which I did. And my council group of elders, they said that they thought I should. We raised twenty-five thousand, gave it to Reverend Jackson, and while we were saying, "Run, Jesse, run," some members of the Jewish community were taking out ads saying, "Ruin, Jesse, ruin." And through Reverend Jackson, I thank God for that brother because my standing with Reverend Jackson, he opened doors for me with the Christian church that I could never have opened on my own. I was like a surrogate speaker, but I don't know nothing about politics. I'm trying to be nice and bless his heart, Jesse went with me down to the...what's the office downtown where you sign up as a Democratic to vote'.

Automated findings using Axe

No issues found during automated scan.

Additional manual findings using NVDA screen reader

1. **SC 1.4.11 AA** – The video progress bar is low in contrast against an adjacent background. A 1.64:1 contrast ratio is detected where a 3:1 ratio is expected.
2. **SC 1.4.11 AA** – In the stopped state, the focus indicator for the video progress bar slider is low in contrast against an adjacent background. A 1.26:1 contrast ratio is detected where a 3:1 ratio is expected.
3. **SC 1.4.11 AA** – In the playing state, the focus indicator for the video progress bar slider is low in contrast against an adjacent background. A 1.31:1 contrast ratio is detected where a 3:1 ratio is expected.
4. **SC 4.1.2 A** – The “Hide Transcript / Show Transcript” control makes use of aria-expanded to programmatically indicate the expanded/collapsed state. However, because the visible text for the control also communicates the hidden/exposed state, this results in a confusing announcement by a screen reader. For example: “Hide Transcript, button, expanded”
5. **SC 1.1.1 A** – The image of vertical lines representing matches for the search term is missing an alternative description.
6. **SC 4.1.3 AA** – When ‘Add to My Clips’ is triggered, the “My Clips” number in the navigation area is updated, this status message is not announced.

4. Maker Directory Landing

Source: <https://da.thehistorymakers.org/all>

Test case: Maker Directory landing page: including Filter/Refine Results, Sort by.

THE HISTORYMAKERS. The Nation's Largest African American Video Oral History Collection

Home **Maker Directory** Topic Search Settings My Clips Contact Us FAQ/Help

Search Makers:

Biography Advanced Search Search

2,700 HistoryMakers Total

2700 HistoryMakers, page 1 of 27

Filter Results

Refine Results

Last Name

Category

Gender

Birth State

Sort by:

Relevance

View as:

Hank Aaron Billye Aaron Raoul Abdul Amsale Aberra Roz Abrams Lilia Abron

Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Search Makers’ field uses an invalid ARIA attribute: ‘aria-labeledby’ does not exist. Likely, it is “aria-labelledby” which is intended to be used.
2. **SC 1.3.1 A** – The ‘Search Makers’ field is not labeled.
3. **SC 1.3.1 A** – The list containing the “View as” options has errors in its implementation. A list must only have list items as its children.

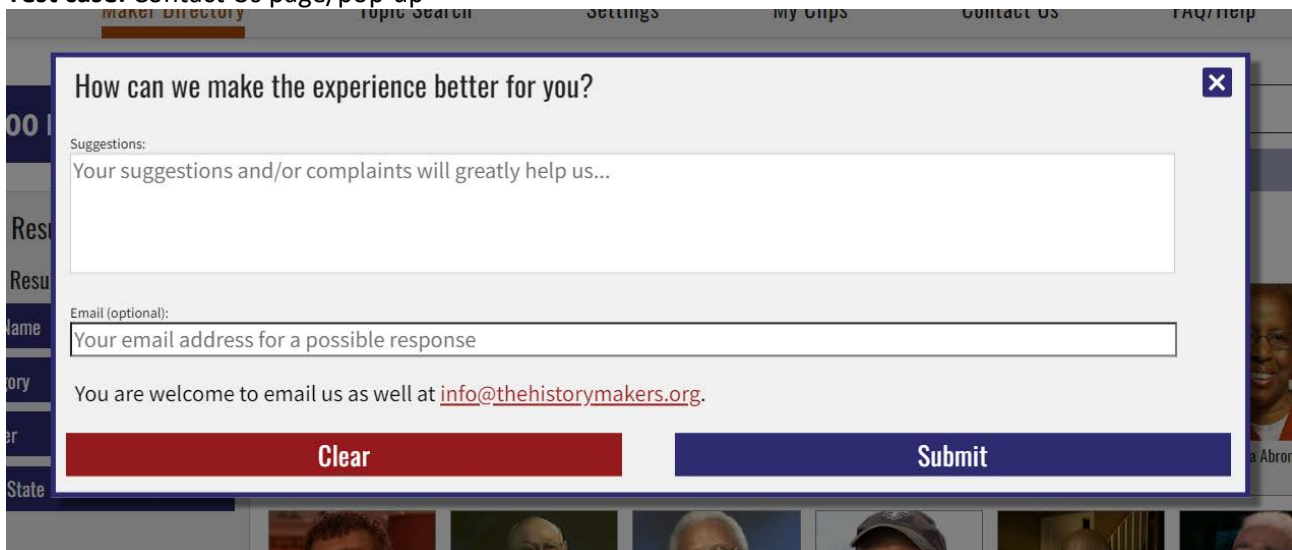
Additional manual findings using NVDA screen reader

1. **SC 2.4.3 A** – In the ‘View as’ section the “List” and “Map” buttons are not included in the natural tab order.
2. **Best Practice SC 1.3.1 A** – The “2,700 HistoryMakers Total” content is inappropriately hidden from Assistive Technology with aria-hidden. This is not necessarily an issue because of the “2700 HistoryMakers, page 1 of 27” content, however if this content were to ever be edited, then it may be required to then expose the previously mentioned content.
3. **SC 1.3.1 A** – In the expanded ‘Last Name’ filter, the letter options are semantically identified as menu items where they also use aria-checked when it is unsupported. Consider identifying the options as checkboxes (to support aria-checked) or as buttons (use aria-pressed).

5. Contact Us

Source: <https://da.thehistorymakers.org/all>

Test case: Contact Us page/pop-up



The screenshot shows a contact form pop-up titled "How can we make the experience better for you?". The form includes a "Suggestions:" section with a text input field containing the placeholder text "Your suggestions and/or complaints will greatly help us...". Below this is an "Email (optional):" section with a text input field containing the placeholder text "Your email address for a possible response". At the bottom of the form, there is a message: "You are welcome to email us as well at info@thehistorymakers.org." The form has two buttons: a red "Clear" button and a blue "Submit" button. The background shows a navigation menu with items like "maker Directory", "Topic Search", "Settings", "my clips", "Contact Us", and "FAQ/help".

Automated findings using Axe

1. **SC 1.3.1 A** – Two elements that are programmatically hidden with aria-hidden also contain focusable elements.

Additional manual findings using NVDA screen reader

Not completed due to insufficient time.