

High-level accessibility review – LAA (New Play Exchange 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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New Play Exchange Platform

Summary

Top 3 problems for the New Play Exchange Platform

This high-level assessment covers limited portions and functionality of the New Play Exchange 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. **Color Contrast** – All links and navigation as well as some static content lack 4.5:1 contrast with the background
2. **Info and Relationships** – Form controls are not programmatically associated with their visible labels.
3. **Focus Order** – Search menu focus on all pages skips the search text and is automatically set on the first submenu item “Plays”

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 1.4.3 AA** – All light blue text on a white background is low in contrast with a 2:1 contrast ratio
2. **SC 1.4.3 AA** – All white text on an orange background is low in contrast with a 2.96:1 contrast ratio

Additional manual findings using NVDA screen reader

1. **SC 1.4.11 AA** – Non-text contrast – Orange Link focus indicator lacks 3:1 contrast. On light blue 2.8:1. On light gray 2.7:1
2. **SC 1.4.3 AA** – Color Contrast - Menu link on hover/focus. The white text on orange is low contrast with a 4:1 contrast ratio
3. **SC 1.4.3 AA** – Color Contrast – Search Sub Menu links on hover/focus. The light orange text on orange is low contrast with a 2:1 contrast ratio
4. **SC 2.4.3 A** – Focus Order – Search menu. When tabbing to the search menu focus is moved to the first item in the submenu “Plays” rather than being placed on the search text
5. **SC 2.4.7 AA** – Focus Visible - NPX Logo is a link and receives focus but is missing a focus indicator.

1. Landing Page

Source: <https://newplayexchange-org.offcampus.lib.washington.edu/dashboard>

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

NPX National New Play Network
New Play Exchange

Search Register Log In

Welcome to the New Play Exchange! As a member of the University of Washington at Seattle community, you can click the Search button above to start exploring the scripts in our digital library. Do you have your own personal subscription? Login above to have access to your premium features. If not, click [here](#) to learn more!

Period Pieces

"Let's turn back time! Period pieces give actors, directors, and designers the chance to look outside themselves and explore a specific point in history. This is a handy way for educational theatre to teach across the curriculum and a great way for community and professional theatres to lean into the dramaturgical challenging of finding just the right aesthetic approach to communicate another point in time. The plays below explore evocative and specific moments in our past in ways that are historic, mythic, and fantastic in turns. I hope that artists can use these scripts to inform our present and our future."—playwright and dramaturg Lainie Vasant

The Decent by Donna Kaz

The Unusual Tale of Mary and Joseph's Baby (Musical) by Chris Cragin-Day

The Wasn't Supposed to Girls by Emily Hageman

AS HAPPY AS GOD IN FRANCE by JULIA PASCAL

Greater Than Nina by Bruce Bonafede

Legacy of Light by Karen Zacarias

FEATURED WRITER

Jon Marcantoni

Jon Marcantoni is the founder of La Casita Grande Press, an imprint that represents experimental and innovative Latino and Caribbean fiction. He is the author of four novels, all dealing with Puerto Rican socio-political issues. In 2017, he won awards from the Mexico International Film Festival,...

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FEATURED PLAY

The Whale in the Hudson by Brad Goren-Wilson

In the wake of the 2016 Presidential election, fourth grade outcast and self-anointed Private Eye Taylor Buckley scours New York for clues about a mysterious whale sighted in the Hudson River. A winsome send-up of film noir and a musical romp for all ages, *The Whale in the Hudson* explores what it's like to be a small fish in a big sea.

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Automated findings using Axe

1. **SC 1.4.3 AA** – Color Contrast - All blue text on a light blue background is low in contrast with a 1.9:1 contrast ratio
2. **SC 1.4.3 AA** – Color Contrast - All orange text on a light blue background is low in contrast with a 2.9:1 contrast ratio
3. **SC 1.4.3 AA** – Color Contrast - All orange text on a white background is low in contrast with a 2.99:1 contrast ratio
4. **SC 1.4.3 AA** – Color Contrast - All orange text on a gray background is low in contrast with a 2.7:1 contrast ratio
5. **SC 1.4.3 AA** – Color Contrast - All blue text on a gray background is low in contrast with a 1.9:1 contrast ratio

Additional manual findings using NVDA screen reader

6. **SC 1.4.3 AA** – Color Contrast - on hover/focus dark orange text on a light blue background is low in contrast with a 3.8:1 contrast ratio
7. **SC 1.4.3 AA** – Color Contrast - on hover/focus dark orange text on a white background is low in contrast with a 4:1 contrast ratio
8. **SC 1.4.3 AA** – Color Contrast - on hover/focus light orange text on a light blue background is low in contrast with a 2.8:1 contrast ratio
9. **SC 1.4.3 AA** – Color Contrast - on hover/focus dark orange text on a light gray background is low in contrast with a 3.6:1 contrast ratio
10. **SC 1.4.3 AA** – Color Contrast - on hover/focus light orange text on a light gray background is low in contrast with a 2.7:1 contrast ratio
11. **SC 1.4.1 A** – Link Color Contrast – Color alone is used to identify all links and the link contrast is not at

least 3:1 with the surrounding text.

12. **SC 2.4.6 AA** – Descriptive Labels – Multiple “read more” links that perform different functions have the same accessible name. Accessible names must be specific to the function of the interactive element.

2. Plays Search Results

Source: https://newplayexchange-org.offcampus.lib.washington.edu/search/plays?search_text_box=home
Test case: From the initial interface, perform a search of “Plays”. Search for: home. Test search results page, including check boxes and pull down menus in Filters – Sort Results, Play Info, Actors, and Playwright Location: Add Location.

The screenshot shows the NPX (National New Play Network) search results page for the keyword 'home'. The page has an orange header with the NPX logo and navigation links for Search, Register, and Log In. The search results are listed in a table with columns for play title, author, cast, genre, and keywords. A sidebar on the right contains a 'Filter Plays' section with dropdown menus for SORT RESULTS, PLAY INFO, ACTORS, NARRATIVE ATTRIBUTES, FIND A CHARACTER, and PLAYWRIGHT DEMOGRAPHICS.

Play Title	Author	Cast	Genre	Keywords
<i>The Adventures of Homer McGundy, Revised</i>	Barbara Lebow	7	comedy, drama	then and now, fooling the public
<i>Ain't Got No Home</i>	Steve Feffer	8	biography, docudrama/historic	Jewish and African-American relationships, blues
<i>All the Comforts of Home</i>	Bruce Karp	6	drama	1980s, family
<i>ALMOST HOME</i>	Meryl Cohn	5	comedy, dark comedy	LGBTQ, Lesbian
<i>American Home</i>	Stephanie Alison Walker	9	drama	foreclosure, American Dream
<i>AMERICANA! (A home-grown experiment in family)</i>	Sarah Miri Daniels	6	comedy, dark comedy	nuclear family, experimental
<i>Andrew Jackson ate My Homework</i>	THOMAS HAYES			

Automated findings using Axe

1. **SC 1.4.3 AA** – Color Contrast - All light grey text on a white background is low in contrast with a 1.3:1 contrast ratio
2. **SC 1.4.3 AA** – Color Contrast - All medium grey text on a white background is low in contrast with a 3.3:1 contrast ratio
3. **SC 1.4.3 AA** – Color Contrast - All white text on a light orange background is low in contrast with a 2:1 contrast ratio
4. **SC 1.3.1 A** – ‘subject matter keyword, actor fields, and character fields’ inputs are not programmatically associated with their visible label

Additional manual findings using NVDA screen reader

1. **SC 1.4.1 A** – Link Color Contrast – Color alone is used to identify the links in the search results and the link contrast is not at least 3:1 with the surrounding text.

3. Play Details Page

Source: <https://newplayexchange-org.offcampus.lib.washington.edu/plays/128548/adventures-homer-mcgundy-revised>

Test case: Select a play from the search results page. Test the play landing page including links, “Write a recommendation”, and “Inquire About Rights”.

The screenshot shows the NPX (National New Play Network) website interface. The header is orange with the NPX logo and navigation links for Search, Register, and Log In. The main content area features the play title "The Adventures of Homer McGundy, Revised" by Barbara Lebow. Below the title is a short synopsis and a "read more" link. To the right of the synopsis are four action links: "Inquire About Rights", "Recommend", "Download", and "Save to Reading List". Below the synopsis is a "Write a recommendation" link. On the right side, there is a metadata box with the following information: Genre: comedy, drama, period, satire; Subject Matter Keywords: , then and now, fooling the public; Length: ; Cast Size: 7. Below the metadata box are two sections: "DEVELOPMENT HISTORY" and "PRODUCTION HISTORY". The "DEVELOPMENT HISTORY" section lists two entries: "Workshop, University of Texas , 2010" and "Reading, Artists Repertory Theatre, 2007". The "PRODUCTION HISTORY" section lists two entries: "Professional, Academy Theater, 1987" and "Professional, Academy Theater, 1985".

Automated findings using Axe

1. **SC 1.4.3 AA** – All light grey text on a white background is low in contrast with a 1.3:1 contrast ratio

Additional manual findings using NVDA screen reader

Not completed due to insufficient time.

4. PDF Download

Source: https://newplayexchange-org.offcampus.lib.washington.edu/system/files/field_play_current_draft/The%20Adventures%20of%20Homer%20McGundy%2C%20Revised.pdf

Test case: Test PDF “Download”

THE ADVENTURES OF HOMER MCGUNDY, REVISED

by Barbara Lebow

Agent: Lorene Fey
Academy Artists Group
academyartistsgroup@gmail.com
(770) 891-3161

Automated findings using Axe

1. Font Embedding – Font Not Embedded
2. Logical Structure – “Part” structure element is used as root element
3. Metadata and Settings – Title missing

Additional manual findings using NVDA screen reader

Not completed due to insufficient time.