

High-level accessibility review – LAA (Digital Theatre+ Platform)

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Digital Theatre+ Platform

Summary

Top 3 problems for the Digital Theatre+ Platform

This high-level assessment covers limited portions and functionality of the Digital Theatre+ Platform. The assessment revealed issues with assistive technology compatibility, resulting in some users missing information required to perceive and understand content, and to 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. **Non-Text Content** – The grey focus indicator found throughout the site is difficult to see against light backgrounds.
2. **Reading Order** – Due to the usage of ARIA on nearly all cards, the visible text is not included in the programmatic name.
3. **Reflow** – Several key functions within the platform are obscured or inoperable on reflow viewports.

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 4.1.1 A** – The platform contains IDs that are duplicated: notification-banner

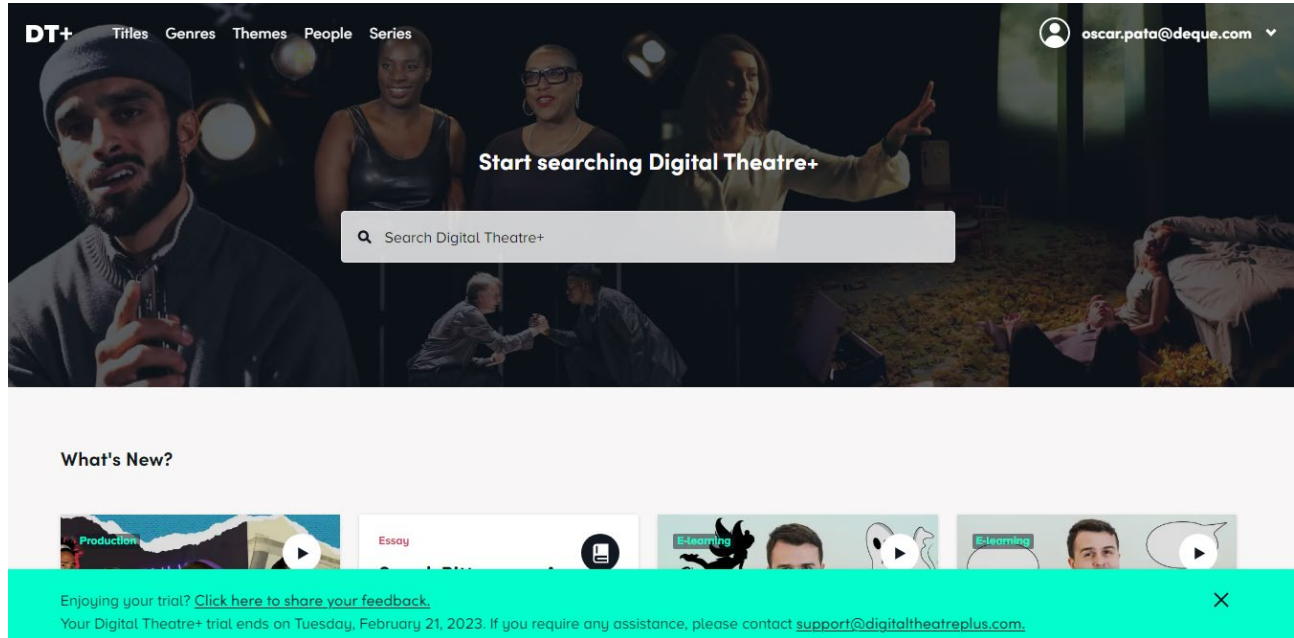
Additional manual findings using NVDA screen reader

1. **SC 1.4.10 AA** – On a reflow viewport that is 320 CSS px wide, a user is unable to navigate the page when the 'Enjoying your trial?' notice is on the screen.
2. **SC 1.4.3 AA** – On some cards, the eyebrow/badge copy that is bright green (#01FFCD) is low in contrast against the translucent background. Contrast ratio of less than 4.5:1 is observed on eyebrow/badge combinations with a light background.
3. **SC 1.4.12 AA** – When text spacing rules are applied, the bottom of the 'Enjoying your trial?' notice is cut off.
4. **SC 1.4.11 AA** – The grey focus indicator is low in contrast against white and off-white backgrounds. A contrast ratio ranging from 2.4:1 to 2.6:1 was observed.
5. **SC 1.3.2 A** – A screen reader user is able to arrow to the 'dismiss' button for the 'Enjoying your trial?' notice after the notice has already been dismissed.
6. **SC 1.4.10 AA** – On a reflow viewport that is 320 CSS px wide and 256 CSS px high, a user is unable to operate the top hamburger menu.

1. Landing Page

Source: <https://edu.digitaltheatreplus.com/>

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



Automated findings using Axe

1. **SC 4.1.2 A** – All cards use aria-selected which is not supported on the link role associated with the cards

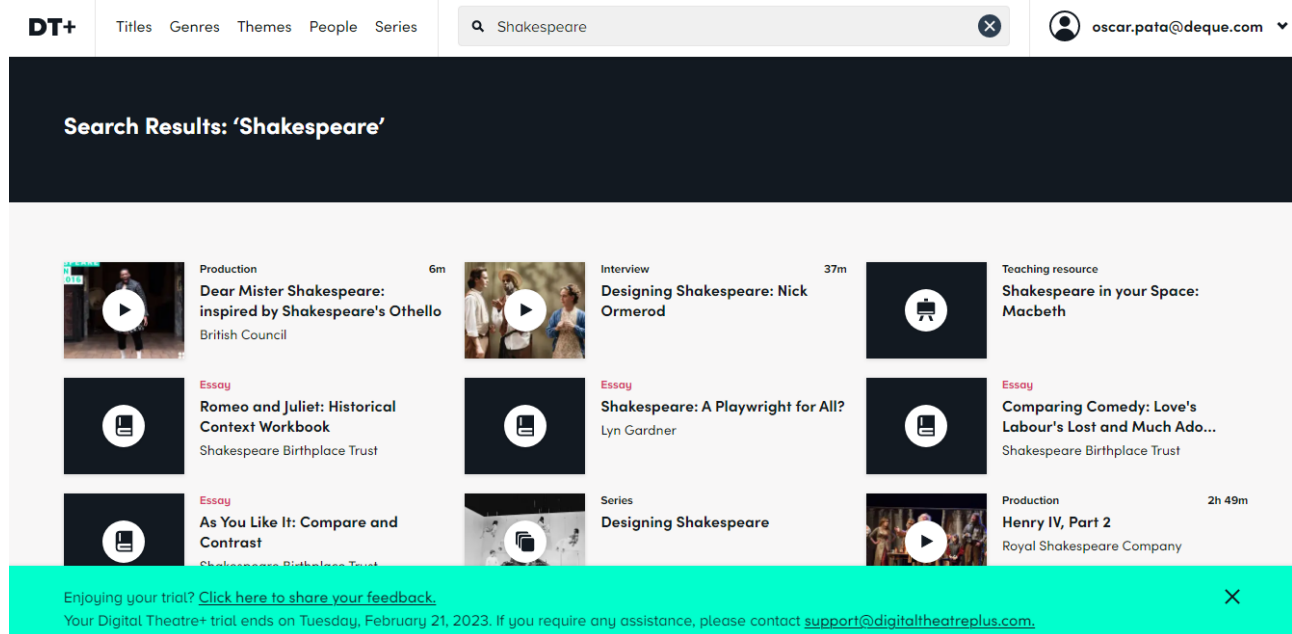
Additional manual findings using NVDA screen reader

1. **SC 1.4.12 AA** – When text spacing rules are applied, portions of content in the cards within 'What's New?' and 'Featured Series' are cut off.
2. **SC 2.5.3 A** – Most cards on the page do not include their complete visible text in their programmatic label.
3. **SC 1.3.2 A** – Most cards on the page do not allow an Assistive Technology user to navigate to the complete text within the card.

2. Search Results: Shakespeare

Source: <https://edu.digitaltheatreplus.com/search?q=Shakespeare>

Test case: From the initial interface, perform a search for: Shakespeare. Test search results page, including filters/refine search and sort by options.



Automated findings using Axe

1. **SC 1.4.3 AA** – All instances of “Essay”, “Graphic novel”, “Study guide”, “Workbook”, “Play text”, “Poem” are low in contrast against the background. A contrast ratio of 4.2:1 was observed.
2. **SC 4.1.2 A** – All result cards use aria-selected which is not supported on the link role associated with the cards

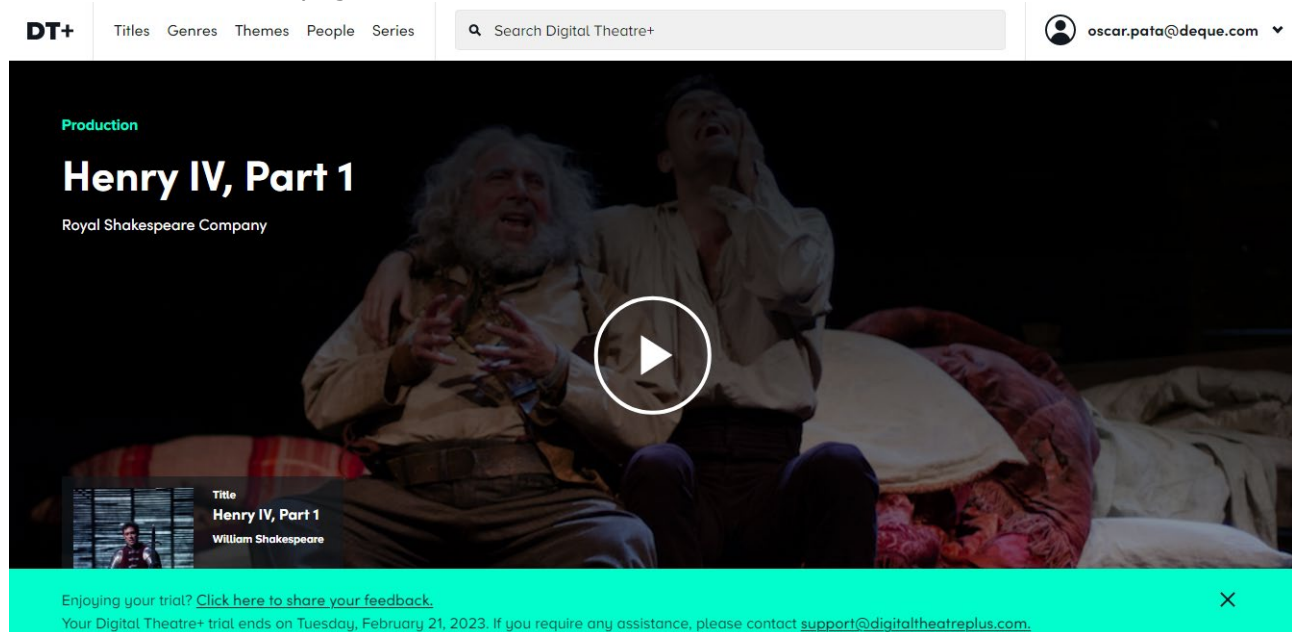
Additional manual findings using NVDA screen reader

1. **SC 2.4.4 A** – There are two instances of “Shakespeare in your Space: Macbeth” that link to two different places but share the same link name. Also impacted are: “As You Like It”, “Julius Caesar”, “Romeo and Juliet”, “Timon of Athens”, “Spotlight on: William Shakespeare”, “Macbeth”, “Being Shakespeare”, “Spotlight on: Shakespeare’s Globe”, “Spotlight on: Shakespeare’s Language”, “Spotlight on: Shakespeare’s Words”, “Spotlight on: Shakespeare’s Comedies”, “Spotlight on: Shakespeare’s Histories”, “Spotlight on: Shakespeare’s Tragedies”, “Spotlight on: Shakespeare’s Villains”, “Spotlight on: Shakespeare’s Soliloquies”, “Spotlight on: Shakespeare’s Supernatural Characters”, “Love’s Labour’s Lost”
2. **SC 2.5.3 A** – All result cards on the page do not include their complete visible text in their programmatic label.
3. **SC 1.3.2 A** – All result cards on the page do not allow an Assistive Technology user to navigate to the complete text within the card.

3. Video Page: Henry IV

Source: <https://edu.digitaltheatreplus.com/content/productions/henry-iv-part-1-rsc>

Test case: Test results page for a video



Automated findings using Axe

1. **SC 4.1.2 A** – All cards use aria-selected which is not supported on the link role associated with the cards

Additional manual findings using NVDA screen reader

1. **SC 2.4.4 A** – There are two instances of “Spotlight On: Shakespeare’s Words” that link to two different places but share the same link name
2. **SC 2.5.3 A** – Most cards on the page do not include their complete visible text in their programmatic label.
3. **SC 1.3.2 A** – Most cards on the page do not allow an Assistive Technology user to navigate to the complete text within the card.
4. **SC 2.1.1 A** – It is not possible to operate the ‘captions’ submenu with a keyboard alone
5. **SC 1.3.2 A** – When the ‘captions’ submenu is open, there is a third, unlabeled option that only a screen reader user is able to navigate to.

4. Play Text Page: 15 Heroines

Source: <https://edu.digitaltheatreplus.com/content/guides/15-heroines-15-monologues-adapted-from-ovid>

Test case: Test results page for a play text

Automated findings using Axe

1. **SC 4.1.2 A** – All cards use aria-selected which is not supported on the link role associated with the cards

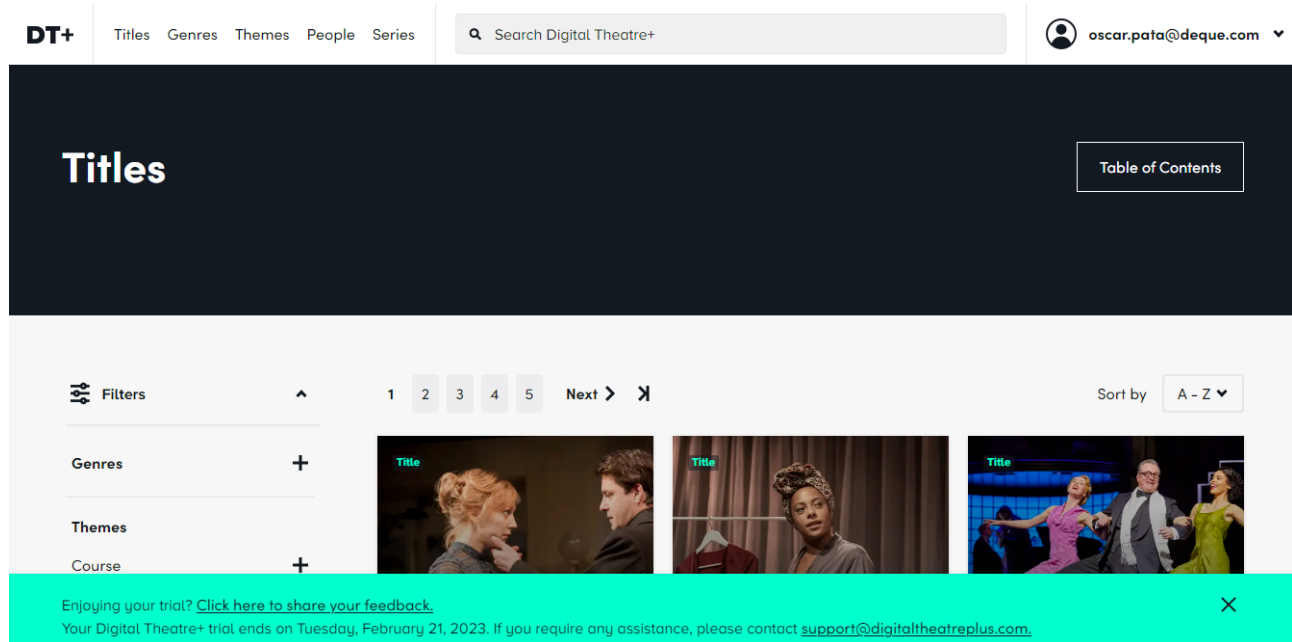
Additional manual findings using NVDA screen reader

Not completed due to insufficient time.

5. Title Browse Page

Source: <https://edu.digitaltheatreplus.com/titles>

Test case: Test title browse page



Automated findings using Axe

1. **SC 4.1.2 A** – aria-hidden is inappropriately used on elements that contain focusable children, such as the 'Genres' section
2. **SC 4.1.2 A** – All title cards use aria-selected which is not supported on the link role associated with the cards

Additional manual findings using NVDA screen reader

Not completed due to insufficient time.