

Website: <https://events.umich.edu/>

Role: Quality Assurance

Accessibility Checklist

1. Run through each page with the WAVE Chrome Extension.

ERRORS:

- 1) Empty link errors: appear on every page in this site (Home: 21, Today: 25, This Week: 123, This Month: 2, All Events: 46, Map: 5). Links contain no text will introduce confusion to keyboard and screen reader users.

Relevant code:

```
<a href="/event/51246" title="Michigan Union" alt="Michigan Union" style="background:url(https://events.umich.edu/media/cache/event_list_2x/media/buildings/191-XP252130.jpg) center center no-repeat; background-size:cover; position:absolute; width:100%;height:100%; top:0px;left:0px;"></a> == $0
```

- 2) Home and Today have broken skip link error: The target of the skip navigation link, “#mainContent”, does not exist in these two pages.

Relevant code:

```
<a class="visually-hidden" href="#mainContent">Skip to Content</a>  
<div class="header">
```

- 3) Form label errors exit in the date-picker on Today and Map. The function of the date-picker form control will not be presented to screen reader users.

Relevant code:

```
<input type="date" id="filter-date" class="datepicker" value="2018-04-19" />
```

(on Today: form label missing)

```
<label for="start-date">From:</label>  
<input type="date" id="start-date" class="datepicker" value="2018-04-19" />  
<label for="start-date">Until:</label>
```

```
<input type="date" id="end-date" class="datepicker" value="2018-05-03" />
```

(on Map: start-date has two labels, while end-date misses form label)

- 4) Empty heading error: on This Month, one h3 element contains no content.

Relevant code:

```
<h3 id="date-value" style="outline: red dashed 2px;">...</h3> == $0
```

2. Users should be able to navigate through content using their keyboard.

ERRORS:

- 1) The search button and account button on the top right of the page cannot be accessed by keyboard.
- 2) Date selector on Today and Map also does not work for keyboard. User can't select date with their keyboard.

3. Users should be able to navigate content using a screen reader.

PASS

4. The general architecture and hierarchy of the content should make sense.

PASS

5. Charts and images should all have alt-text so that users with screen readers or users on a slow connection will still be able to understand the images.

PASS

6. Decorative images should not be visible to screen readers.

PASS

Suggestions

- 1) The <a> elements currently contain "alt" attribute, which cause the empty link errors. To fix error, remove the "alt" and "style" attribute in the <a> element, change it to an image with alternative text:

```
<a href="..."></a>
```

- 2) To fix the broken skip link error on Home and Today, add a div with an id attribute "mainContent", so that the skip navigation link can point to appropriate content on the page.

```
<div id="mainContent">.....</div>
```

- 3) Attach proper label for date-pick forms on Today and Map page.
On Today, add:

```
<label for="filter-date">Date:</label>
```

On Map, change the second label to:

```
<label for="end-date">Until:</label>
```

In addition, make the date-picker accessible by keyboard.

- 4) Put some contents within the <h3> element on This Month page.
- 5) Allow users to access the search and account button on the top right corner, as well as tab through the drop down menu under the account button.