

Accessibility Audit report of the website of Ministry of Women and Children Affairs



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Details



Introduction:

People with visually impaired use Screen Reading Software as Assistive Technology in order to access the computer and internet. They use keyboard to navigate and give command without looking at the monitor or screen. Screen Reading Software read aloud the content or texts that are shown in the screen.

Websites should be properly designed, coded and maintain accessibility guideline to make a website accessible. An accessible website is one which can be used by all its intended visitors, taking into account their differing capabilities. Inaccessible websites can pose significant barriers to people with disabilities.

Evaluation of Accessibility

Website Link: <https://mowca.gov.bd/>

UI Framework: Skeleton V1.2.

CMS: Drupal.

HTML5 sectioning elements: Partial.

ARIA landmarks: Partial.

Accessibility Status: Inaccessible.

Findings

SKIP LINK

Problem: “Skip to main content” link at the top of the page do not let user bring to main content. Tab key do not defocus or cannot go out from the accessibility menu sections (Tested with NVDA screen reading software). The module or plugin used for accessibility feature in the website actually messed up the accessibility.

Skip links let users bypass repeated blocks of content and move to the main or unique content on a page. The skip link is at the very top of the page, but it’s “hidden”. Normal-sighted people won’t see it. The link will be “activated” by navigating through the page with the Tab button right after the page is loaded. Site visitors who are sighted and navigate with a mouse can usually ignore or quickly skip over content that is repeated throughout the site to focus their attention on the unique or main content of a particular page. Keyboard users, screen reader users, and other assistive technology users typically navigate a web page with keyword.

Missing first level heading

The website does not have a first level heading. The first level heading (h1) is used for site title.

Misleading heading

Heading levels are not hierarchically arranged.

The primary document header should be an <h1>. Subsequent headings should make logical use of <h2> - <h6> such that screen readers can construct a table of contents for the website pages.

Non Focusable Links :

Focused links and form elements have to be outlined. If a keyboard user reaches a link, it should be outlined on focus.

Missing form label

Form control does not have a corresponding label.

Inaccessible Image Slider:

User with SCREEN READER won’t know about the images (No image description is found) of the image sliders placed at the top and middle of the Home page. Image alt texts shows file name of images.


Images

Null or empty alternative text of most of the images.

Inaccessible contents

Some links directly point to PDF file. Most of them are Bangla texts as image or scan copy.

Acts











Sl. No	Title	Publish Date	Download
1	Day Care Law 2021	2021-06-24	 DayCare Gazette (1).pdf
2	নারী ও শিশু নির্যাতন দমন (সংশোধন) আইন, ২০২০	2020-11-26	 37931_79214.pdf
3	নারী ও শিশু নির্যাতন দমন (সংশোধন) অধ্যাদেশ, ২০২০।	2020-10-13	 13-10-2020 (1).pdf
4	ডিএনএ ল্যাবরেটরি ব্যবস্থাপনা অধিদপ্তর স্থাপনা সংক্রান্ত গেজেট	2020-08-09	 ডিএনএ ল্যাবরেটরি ব্যবস্থাপনা অধিদপ্তর স্থাপনা সংক্রান্ত গেজেট
5	SiSu Academi aim	2018-11-14	 শিশু একাডেমি আইন ২০১৮
6	Child Marriage Restraint Act, 2018	2018-10-06	 বাল্যবিবাহ নিরোধ বিধিমালা-২০১৮
7	DNA Rules	2018-10-02	 ডিএনএ নিরোধবিধিমালা-এসিড (ডিএনএ) বিধিমালা ২০১৮
8	যৌতুক নিরোধ আইন, ২০১৮	2018-10-01	 যৌতুক নিরোধ আইন, ২০১৮
9	Child Marriage Restraint Act, 2017	2017-03-11	 বাল্যবিবাহ নিরোধ আইন-২০১৭
10	Gazette_2014 Law No_10_DNA	2014-09-22	 ডিএনএ আইন, ২০১৪
11	নারী ও শিশু নির্যাতন দমন আইন, ২০০০ (সংশোধিত ২০০৩)	2013-07-19	 নারী ও শিশু নির্যাতন দমন আইন, ২০০০ (সংশোধিত ২০০৩)
12	Domestic-Violence-Rules-English	2013-05-01	 পারিবারিক সহিংসতা প্রতিরোধ ও সুরক্ষা বিধিমালা, ২০১৩

External links with Inaccessible sections and contents

Some links opens in new window or blank tab. People with screen reader cannot notice they are about to leave current site or page with new windows or new tabs. Links are set to image or graphic banners which texts are inaccessible, no alt text or title or aria label to convey what the image or banners about. Important texts or number are placed as graphic. Some of these links point to another sites or page which are nor accessible.

Some external pages/sites do not work or shows error.

In sidebar, inaccessible contents and links opens in new window or external links

 <p>রেজিস্ট্রেশন চলবে ১ নভেম্বর থেকে ২০ নভেম্বর ২০২২ রাত ১২টা পর্যন্ত</p> <p>প্রতিযোগিতার সময় ০০ নভেম্বর ২০২২ রাত ৮-৯টার মধ্যে যেকোনো ২০ মিনিট</p> <p>অংশগ্রহণ করতে পারবে গ্রুপ ক: ৮-১২ বছর গ্রুপ খ: ১৩-১৮ বছর এবং গ্রুপ গ: ১৯-তদুর্ধ্ব</p> <p>রেজিস্ট্রেশন করতে ও বিস্তারিত জানতে ডিজিট করুন innovationquiz.a2i.gov.bd</p> <p>Alternative text is null or empty (alt="").</p>	 <p>সরকারি তথ্য ও সেবা ৩৩৩৩</p>  <p>জরুরি সেবা ৯৯৯</p>  <p>নারী ও শিশু নির্যাতন প্রতিরোধে ১০৯</p>  <p>দুদক ১০৬</p>  <p>বাংলাদেশ সুক্টিমোছা কন্যাপ ট্রাস্ট ১৬১৭১</p>  <p>দুর্যোগের আপাম বার্তা ১০৯০</p>  <p>শিশুর সহায়তায় কেবল ১০৯৮</p>  <p>নাগরিক সেবা ৩৮/৭ land.gov.bd</p>  <p>ভূমিসেবা থেকে ... জমিজোগ ১৬১২২</p>  <p>Emergency Hotline GP 16575</p>	 <p>অভ্যন্তরীণ নৌপথ/নৌযান ব্যবহারকারীগণ যে কোন জরুরী প্রয়োজনে সরাসরি সেবা দিন</p> <p>বিআইডব্লিউটিএ www.biwta.gov.bd</p> <p>নৌপরিবহন মন্ত্রণালয় www.mos.gov.bd</p> <p>Alternative text is null or empty (alt="").</p>
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Layout table

Layout table is present which is used to embade youtube iframe.

Videos

Embedded videos from YouTube are placed in iframe. Iframes must have a title attribute.

Miscellaneous:

- HTML5 landmarks “Section”, “Article”, “Aside” have to be used.
- Form elements, Links, images etc. have to be outlined with dark color (highlighted) on focus.
- Data table needs header. Mark up header cells with <th> and data cells with <td> elements.
- Not used WAI-ARIA attribute to hide section or element which are intended not to speak by Screen Reader.

The way Screen Reader speaks:

- Screen readers will read the alternative text of images, if alt text is present. JAWS precedes the alternative text with the word “graphic.” If the image is a link, JAWS precedes the alternative text with “graphic link.”
 - Screen readers ignore images without alternative text and say nothing, but users can set their preferences to read the file name.
 - If an image without alternative text is a link, screen readers will generally read the link destination (the href attribute in the HTML markup) or may read the image file name.
 - Screen readers announce headings and identify the heading level. NVDA and JAWS, for example, precede <h1> headings with “heading level 1.”
 - Some screen readers announce the number of links on a page as soon as the page finishes loading in the browser.
 - JAWS says “same page link” if the link destination is on the same page as the link itself and “visited link” for links that have been previously accessed.
 - Screen readers in table navigation mode inform the user how many rows and columns are in a data table.
 - Users can navigate in any direction from cell to cell in table navigation mode. If the table is marked up correctly, the screen reader will read the column and/or row heading as the user enters each new cell.
 - Screen readers inform users when they have entered into a form. Users have the option to enter form navigation mode.
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