

# ACCESSIBILITY SCAN KARROT

April 2024

## 1 INTRO

This report shows the results of an accessibility scan of Karrot, done by HAN University of Applied Sciences.

### Method of testing

The auditing team at HAN includes students, researchers and lecturers in the field of IT and UX Design. Most of the testing is done manually with the use of a few tools, such as a screen reader. [Here's a list of the \(free\) testing tools we use.](#)

This is a quickscan, which is a check of the most common accessibility issues in a sample of pages/screens. The scan doesn't cover all accessibility criteria, so it is not a replacement for an official audit. If we find an issue we report it only once, this means that the issue might occur in other places.

We follow the criteria as described in the international standard for web accessibility: [WCAG 2.2 guidelines](#), level AA.

### Scope of this quickscan

OS & browser used:

Google chrome & Windows 10/11

URLs checked:

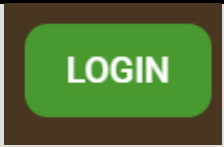
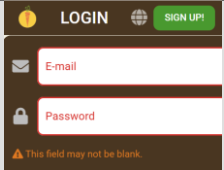
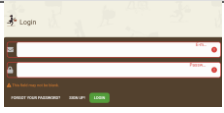

- Login page
- <https://karrot.world/#/group/16/wall> (Wall)
- <https://karrot.world/#/group/16/activities> (Activities)
- <https://karrot.world/#/group/16/offers> (Offers)
- <https://karrot.world/#/group/16/feedback> (Feedback)
- <https://karrot.world/#/group/16/members> (Members)
- <https://karrot.world/#/group/16/agreements> (Agreements)
- <https://karrot.world/#/group/16/polls> (Polls)
- <https://karrot.world/#/group/16/statistics/activity-history> (Statistics)
- <https://karrot.world/#/groupPreview/16> (Public group information)
- <https://karrot.world/#/groupPreview> (All groups)
- <https://karrot.world/#/groupPreview/76> (Food saving Leuven)

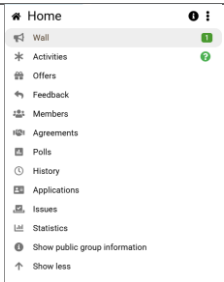
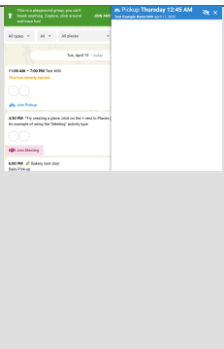
### Summary

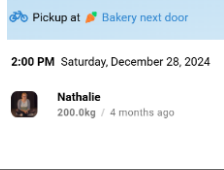

Overall, the website is fairly accessible. There are only a few contrast issues and almost everything can be reached with a keyboard.

There is also some room for improvement in other areas. In the next chapter, we describe the issues we found.

## 2 ISSUES

Nr	Issue	Location	Guideline	Example
1	The contrast between foreground and background is not sufficient for #FFFFFF and #4A982E. This is also the case for #FFFFFF and #878787.	Login page, wall, feedback, polls, Public group information, All groups, Food saving Leuven	<a href="#">1.4.3 Contrast (minimum)</a>	
2	Zooming and scaling is disabled on the page. This makes it impossible to make the letters bigger so everybody can read the text.	All pages	<a href="#">1.4.4 Resize text</a>	
3	The order in which you tab through the page is not logical: The sign up button is seen as two buttons by the computer, you have to tab twice to get away from the button.	Login page, All groups	<a href="#">2.4.3 Focus Order</a>	
4	Content that appears in the same way on most pages, such as the main navigation, should have a bypass link (skiplink). On this website, that might be relevant for both the top menu and the menu on the left. This is generally the first link you see when you open a new page and press 'tab' on keyboard.	All pages	<a href="#">2.4.1 Bypass Blocks</a>	
5	The login are is no longer completely visible when zooming in 400%.	Login page	<a href="#">1.4.10 Reflow</a>	
6	Some people with limited vision need to customize the styling of a web page in order to see its content. When they modify or disable CSS styling, positioned content moves to a location where its meaning is changed or lost, this happens with the text "e-mail" and "password".	Login page, wall, activities, offers, feedback, members, agreements, polls, statistics, All groups	<a href="#">1.3.2 Meaningful sequence</a>	
7	The voting system buttons don't have a name (label). A screen reader will read 'link' or 'button' but doesn't say what happens if you click on it.	Wall, activities, offers, feedback, members, agreements, polls, statistics, Public group information, All groups, Food saving Leuven	<a href="#">4.1.2 Name, Role, Value</a>	

8	All interactive elements should have an appropriate role, name and value. This isn't the case in the menu on the right.	Wall, activities, offers, feedback, members, agreements, polls, statistics, All groups	4.1.2 <u>Name, Role, Value</u>	
9	All images that aren't decorative need a text alternative, so that people using screen readers can hear what the image or icon means. The images don't have an alternative text or are not marked as decorative in most cases.	Wall, activities, offers, feedback, members, agreements, polls, statistics, Public group information, All groups, Food saving Leuven	1.1.1 Non-text content	
10	Most of the button elements have missing labels. People who use a screen reader need a label to hear what the element is for. Placeholder text is not allowed as label.	Wall, activities, offers, members, agreements, polls, statistics, Public group information	1.3.1 Info and Relationships	
11	The input fields, like the search bar, do not contain instructions on how to meet the requirements for a valid input.	Wall	3.3.2 Labels or Instructions	
12	A lot of the elements are very near each other which makes it difficult to use for people who tremble. All touch targets must be at least 24 by 24 CSS pixels in size, where size is computed by taking the largest unobscured area of the touch target.	Wall, activities, offers, feedback, members, agreements, polls, statistics, Public group information, All groups, Food saving Leuven	2.5.8 Target size (Minimum)	
13	When a popup/dialog opens, the focus needs to stay within the popup, cycling through the elements within. It should ignore all other interactions until the popup/dialog is closed.  When opening chats from the messages you can't move away from the open chats.	Activities	2.4.3 Focus Order  2.1.1 Keyboard  2.1.2 No Keyboard Trap	

14	The dates in the messages interactive element doesn't have a visible focus (are highlighted) when it receives focus using the keyboard.	Feedback, members, agreements, polls	<u>2.4.7 Focus Visible</u>	 <p>Pickup at Bakery next door</p> <p>2:00 PM Saturday, December 28, 2024</p> <p> Nathalie 200.0kg / 4 months ago</p>
15	Drag and drop actions need a simple pointer alternative for people who can't use a mouse to drag items. This isn't the case for the map on the all groups page.	All groups	<u>2.5.7 Dragging Movements</u>	
16	Some buttons could do with a second way of seeing that it is a link, other than just color. Potential examples are hovering over a name on the wall, mark all as read, reply to buttons, some modal buttons etc.  Hover contrast can sometimes be improved as well, also on icons.	All pages	<u>1.4.1 Use of Color</u>	

### 3 REFERENCES

- Web Content Accessibility Guidelines (WCAG) 2.2
- How to Meet WCAG 2.2 Quick Reference
- HAN NGI website
- List of free tools HAN uses for accessibility testing