

NVDA Shortcut Game

For 1-6 player

Content

- Board Game 3 „websites“: homepage, blog, contact
- Keyboard cards (cut them into pieces)
- Task cards (cut them into pieces)
- You need 6 figures

Preparation

- Put the 3 „websites“ in front of you.
- Everyone gets 7 keyboard cards
- Everyone gets 3 task cards
- Everyone puts their figure to the skiplink on the homepage

Goal: Your goal is to finish the tasks and are the first person, that gets 10 points.

Rounds

1. You can decide, if you want to go somewhere. You can use your keyboard cards to move your figure. When you played the keyboard cards, they go back into the bag.
2. If you finished your task, you can put it aside. These are your points. Then, take a new task. So, you always have 3 tasks in your hand.
3. After each round you take 3 more keyboard cards.
 - a. If you aren't able to move or finish a task, you just take 3 keyboard cards
4. Now, the next person plays.
5. When someone has 10 points, the game is over.

What if...

- you enter a link, that is not part of the game? You stay where you are.
- I am not sure, if I moved correctly? Maybe someone in the group can help or you start the screen reader and try it.
- I only have one shift-key and want to move backwards? You can use one shift- and multiple tab-keys to move back. Example, to move back 3 links you can use 1 shift- and 3 tab-keys. When you use a real keyboard you typically hold the shift-key and just tab multiple times.
- I just don't get the key that I need? You can change 7:1 with the bank. For example you really need an "N", but you only get tab-keys. You can give 7 tab-keys to the bank (the bag) and take an "N".
- I need to send a form? You have to toggle to the focus mode and put any key into the required field. It doesn't have to be a name.

Cheat Sheet

How to use the NVDA screen reader

Turn NVDA on	Control + Alt + N
Turn NVDA off	Insert + Q
Stop Reading	Control
Read next <i>focusable</i> item (e.g. link, button)	Tab
Activate link	Enter
Activate button	Enter or Space Bar
Go to next heading	H
Go to next heading of level [1-6]	1 - 6
Go to next landmark/region	D
Show list of all links, headings, form fields, buttons, and landmarks	Insert + F7
Go to next list	L
Go to next list item	I
Go to next graphic	G
Go to next link	K
Go to next <i>unvisited</i> link	U
Go to next <i>visited</i> link	V
Toggle between: Radio buttons, Menu items (ARIA widget)	→ or ↓ or ← or ↑
To previous heading, landmark, focusable item, etc.	Shift + [H, D, Tab, etc.]
Read next line	↓
Say prior line	↑
Say next character	→
Say prior character	←
Say next paragraph	Control + ↓
Say prior paragraph	Control + ↑

Forms

If you want to enter information into the form, you have to toggle to the focus mode. Browse mode allows you to navigate the page using standard screen reader shortcuts (e.g. to navigate headings, landmarks, links, etc.)

Navigate to next form field	F
Navigate to next button	B
Toggle between focus mode and browse mode	Insert + Space Bar

HTML

<nav>	Navigation (menue)
	(Unordert) list: each list here has list items, for example the links in the navigation are all wraped in
	List item
underlined	Here, the underlined words are links
<header>, <main>, <footer>, <nav>	Landmarks

Control Tab Tab Shift Enter

Control Tab Tab Shift Enter

Control Tab Tab Shift Enter

Control Tab Tab Shift Enter

Control Tab Tab Shift Enter

Control Tab Tab Shift Enter

Control Tab Tab Shift Enter

Insert Tab Tab Shift Enter

Insert Tab Tab Shift Enter

Insert Tab Tab Shift Enter

Insert Tab Tab Shift Enter

Insert Tab Tab Shift Enter

Insert Tab Tab Shift V

Alt	L	G	Q	➡
Alt	L	G	Q	➡
Alt	L	G	Q	➡
Alt	K	G	F7	➡
Alt	K	D	F7	➡
Space	H	D	F7	➡
Space	H	D	F	➡
Space	H	N	F	➡
Space	H	N	Tab	➡
Space	I	N	Tab	➡
1 - 6	I	N	Tab	➡
1 - 6	B	N	Tab	➡
1 - 6	B	U	Tab	➡

Turn NVDA on
and off again
(3 points)

Go to the
second
navigation
on the page
(1 point)

Say next
paragraph
(1 point)

Turn NVDA on
and off again
(3 points)

Go to a picture
(1 point)

Say prior
paragraph
(1 point)

Turn NVDA on
and off again
(3 points)

Klick an
unvisited link
(1 point)

Say next line
(1 point)

Klick a link
to go back
to the
homepage
(1 point)

Klick a
visited link
(1 point)

Send a form
(5 points)

Go to the
second
heading level 3
on the page
(2 points)

Use the filter
function
(3 points)

Read next
focusable item
(1 point)

Read next item
(1 point)

Use the filter
function
(3 points)

Klick a button
(not a link)
(1 point)

Go to a list
(1 point)

Go to the
phone number
(2 points)

Go to a text
and stop
reading
(1 point)

Go to the
second listitem
(2 points)

Go to the
e-mail
(2 points)

Go to a text
and stop
reading
(1 point)

Use the
skiplink
(1 point)

Go to the next
landmark
(1 point)

Go to a
heading level 2
(1 point)

Navigate from
the homepage
to the contact
page
(1 point)

Go to the blog
(1 point)

Go to a
heading level 3
(1 point)

Go to the
footer
(1 point)

Go to the
privacy policy
(1 point)

Go to a
heading level 2
(1 point)

Go to the
header
(1 point)

Go to the
accessibility
statement
(1 point)

Show list of all
links
(1 point)

Show list of all
headings
(1 point)

Turn NVDA on
and off again
(3 points)

Turn NVDA on
and off again
(3 points)

Show list of all
landmarks
(1 point)

Select the first
radio button
(3 points)

Say next line
(1 point)

Show list of all
headings
(1 point)

Select the last
radio button
(3 points)

Say next
character
(1 point)

Got to a text
and stop
reading
(1 point)

Got to a text
and stop
reading
(1 point)

Say prior
character
(1 point)

Skiplink

<header>

Link to Homepage

Logo

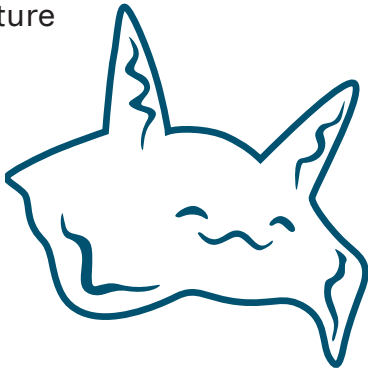
<nav>

Blog

Contact

<main>

Picture



Heading 1

Digital accessibility means that all people, regardless of limitations or disabilities, can access digital content equally.

List

- list item
- list item
- list item

Heading 2

Heading 3

Accessible websites are easy to understand. More in our blog.

Link to Blog

Heading 3

Do you have more informations? Text me ore give me a call.

Link to Contact

Heading 3

Here you can find some additional information about the topic.

Link to a different webpage

<footer>

Link to Homepage

Logo

<nav>

Accessibility

Imprint

Privacy Policy

Skiplink

<header>

Link to Homepage

Logo

<nav>

Blog

Contact

<main>

Blog (Heading 1)

Heading 2

Do you want to filter the blog posts? You can tab into the radio buttons and then toggle between them with arrow keys.

Filter

- ☐ Radio button 1
- ☐ Radio button 2
- ☐ Radio button 3

Filter-Button

Article (Heading 2)

Picture



Heading 3 (Link)

Making a website accessible is more expensive the later in the process you account for it.

Picture



Heading 3 (Link)

Did you know, that dyslexia is more common than red hair?

<footer>

Link to Homepage

Logo

<nav>

Accessibility

Imprint

Privacy Policy

Contact

Skiplink

<header>

Link to Homepage

Logo

<nav>

Blog

Contact

<main>

Contact (Heading 1)

Heading 2

If you have any questions about the game or if you want to know more about my services, please contact me.

Telefon (Heading 3)

0155 / 10650247

E-Mail (Heading 3)

kontakt@ideenquelle-webdesign.de

Form (Heading 2)

(You need to toggle to the focus mode to enter data into the form fields)

Name (required)

Message

Sent-Button

<footer>

Link to Homepage

Logo

<nav>

Accessibility

Imprint

Privacy Policy