



Group G WDD Project Report Checkpoint 2

Tristan Bradley Odhiambo
Web Design and Development (BSHClFSC1)
11/23/25

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Group G

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GitHub:

Derek O 'Kelly	https://github.com/dex9mm/Web-Design-and-Development-project
Tristan Bradley Odhiambo	https://github.com/DebugT/wdd_project_groupc
Alexander Kirichenko	https://github.com/Sasha-Clover/myfirstwebsitenci
Andrei Grigorita	https://github.com/S1lverCr0w/wdd_group_proj

Deployed Website:

<https://andrey-nci.byethost12.com/>

Ideas:

Colour palette idea 1:

COLOUR PALLETE



SDG 6 WEBSITE DESIGN BOARD

GOOGLE FONTS

BBH Sans Bartle

**WHEREAS DISREGARD
AND CONTEMPT FOR
HUMAN RIGHTS HAVE...**

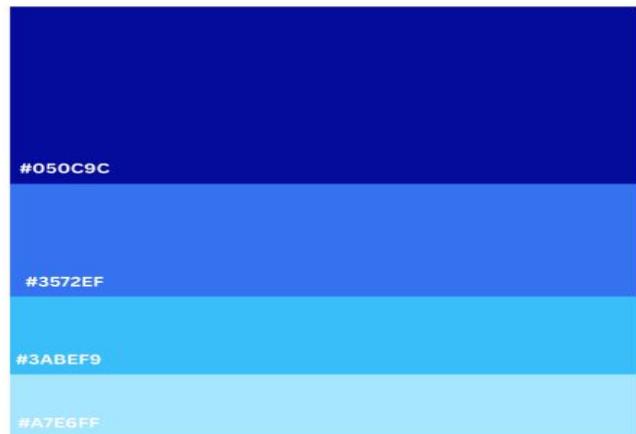
Roboto Slab

Whereas disregard and contempt for human rights have resulted

PATTERNS & DESIGN INSPIRATION



COLOUR PALLETE



Colour palette idea 2:

Alternate Colour palette idea below

Random palette + Add color

Hex
#14E8FF

Hex
#40D2FF

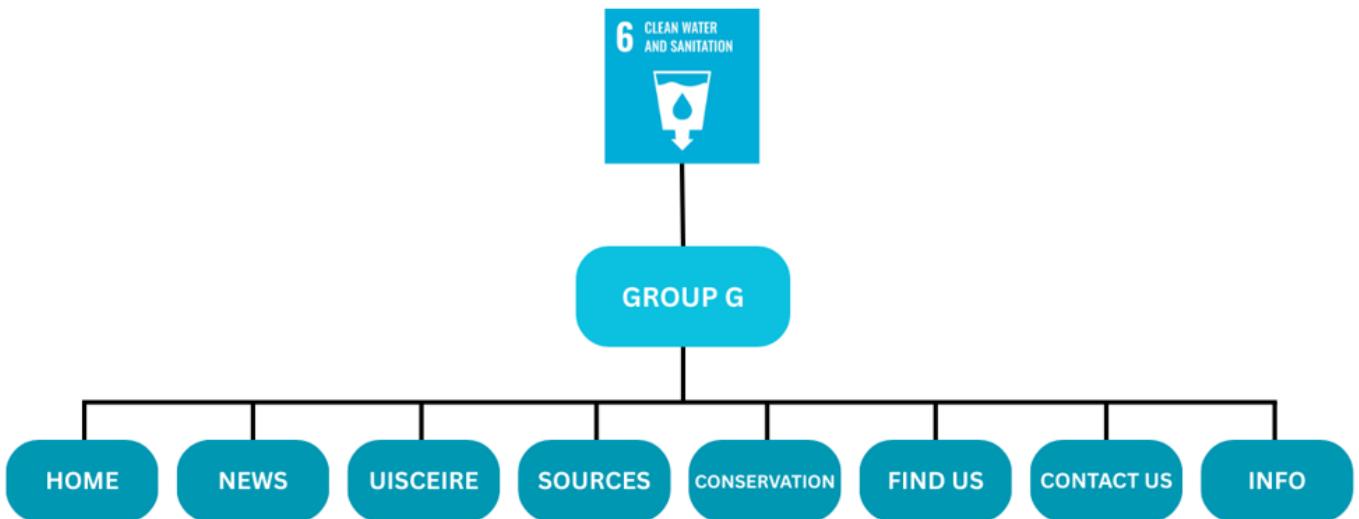
Hex
#707070

Hex
#FFFFFF

Hex
#A6F5C2

Copy link Get color palette

Site Map:



Possible visual appearance of the site (prototype):

MockUp1:

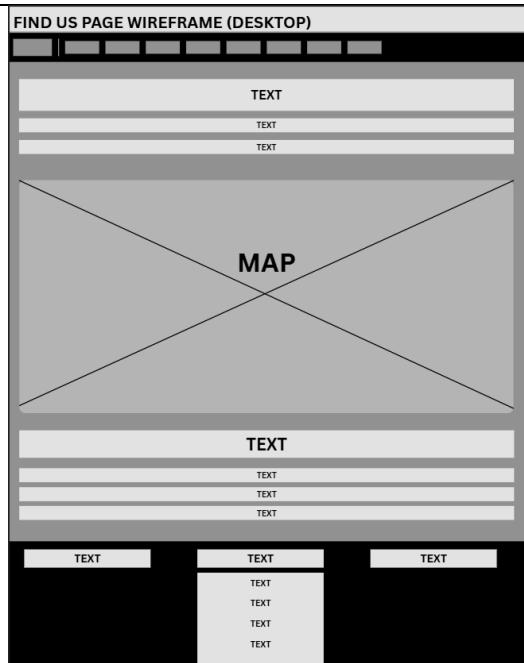
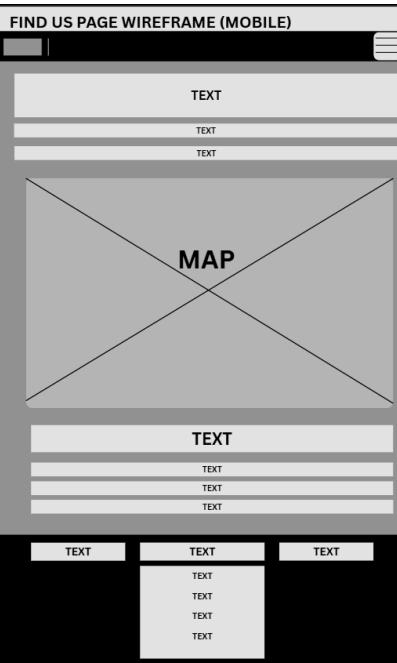
The prototype features a light blue header bar with the 'Clean Water' logo on the left and a navigation menu on the right containing links for Home, Info, Map, Sources, Facts, Gallery, Statistics, and Contact.

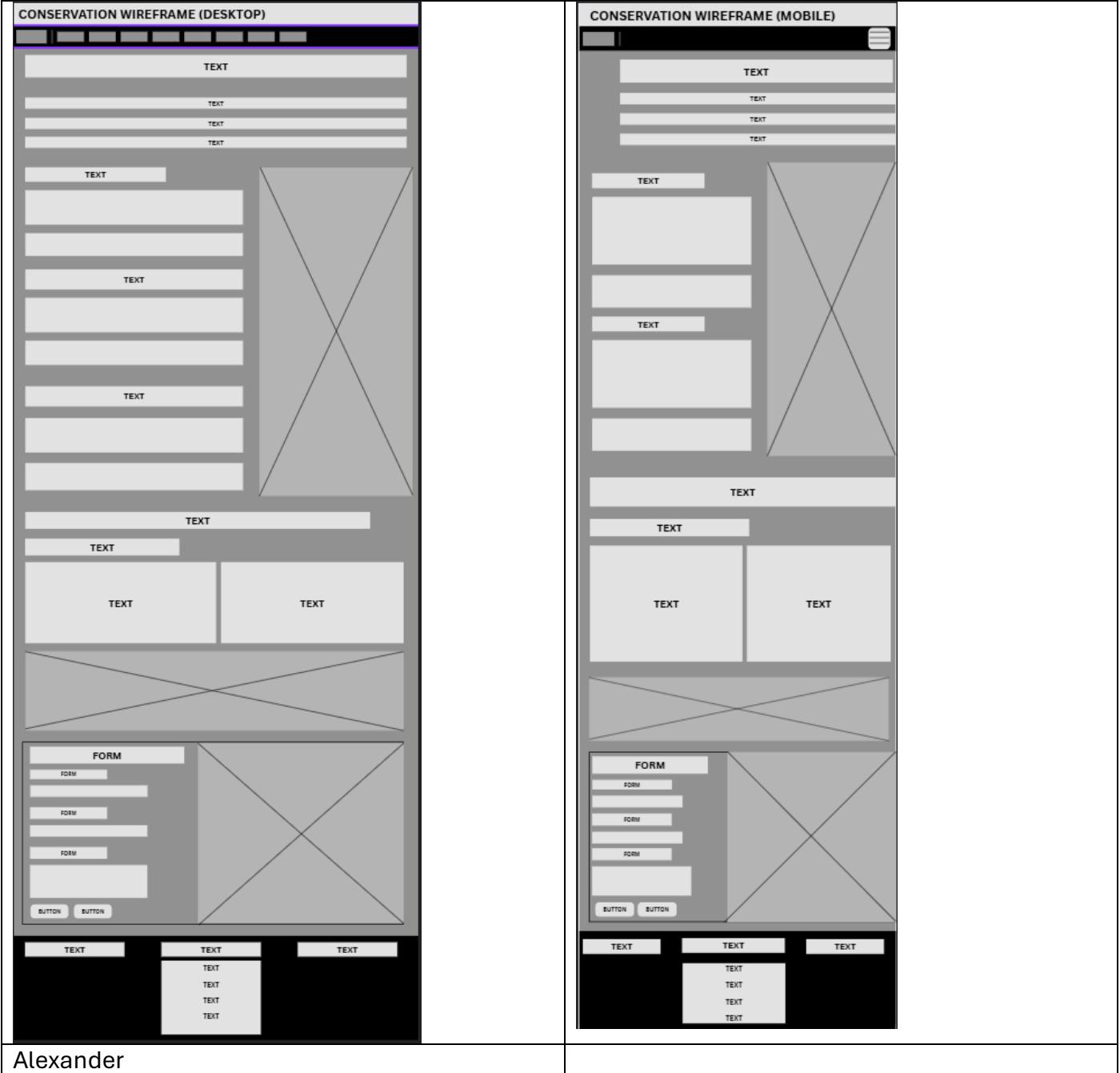
The main content area has a white background. At the top, it displays the 'Goal: Clean Water and Sanitation' and its subtitle 'Ensuring availability and sustainable management of water for all.' Below this is a 'Learn More' button.

A central box titled 'Why Clean Water Matters' contains three sections: 'Health' (with a water drop icon), 'Environment' (with a tree icon), and 'Education' (with a graduation cap icon). Each section includes a brief description and a small link at the bottom.

The footer is a dark grey bar containing the copyright notice '© 2025 Clean Water Project | NCI Web Design Project'.

Wireframes:

Tristan	
findus.html desktop	findus.html mobile
	
conservation.html desktop	conservation.html mobile



contact.html desktop
Alex Kirichenko - Contact page (Desktop version)

Logo | — — — — — — —

Search

Contact Form

—
 —
 —

— — — — —

contact.html mobile
A.Kirich - Contact page (Mobile)

Logo

Search

Contact Form

— — —

info.html desktop
Alex Kirichenko - Info page (Desktop version)

Logo | — — — — — —

Search

Info

Industry =
 Households =

Agriculture =
 Power Use =

— — —

info.html mobile
A.Kirich - Info page (Mobile)

Logo

Search

Info

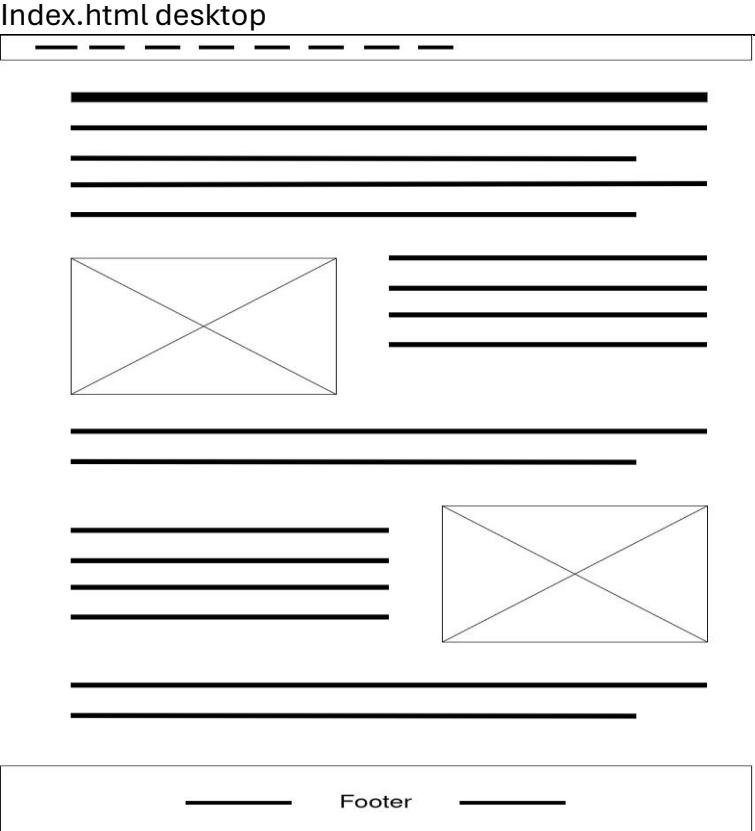
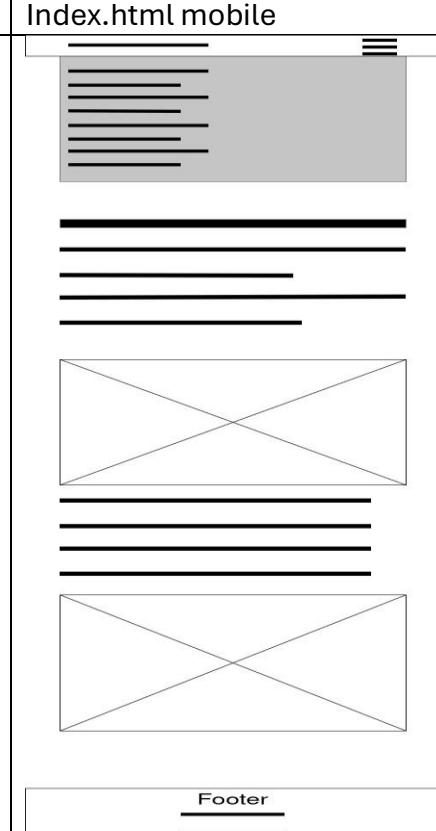
Industry

Households

Agriculture

Power use

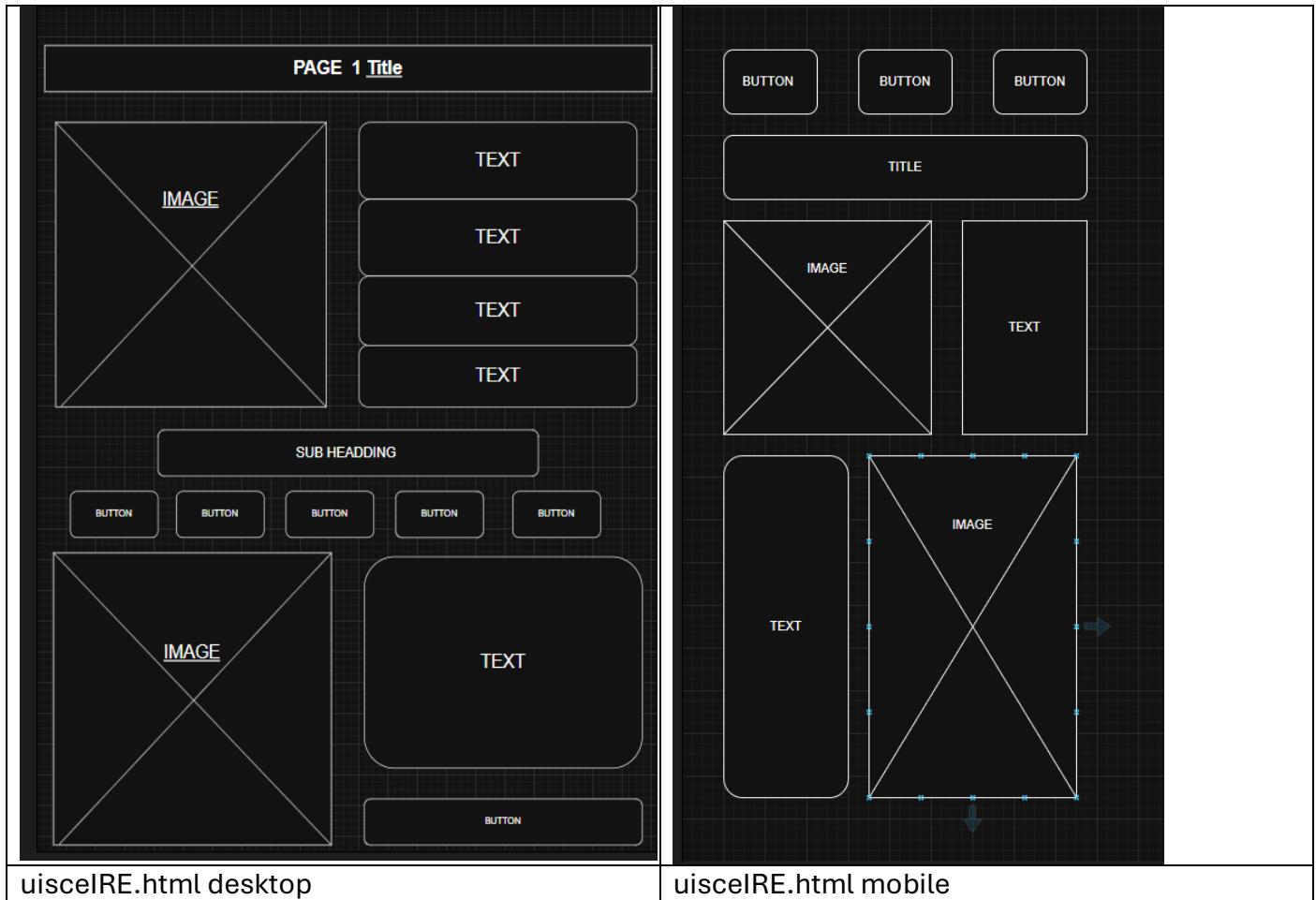
— — —

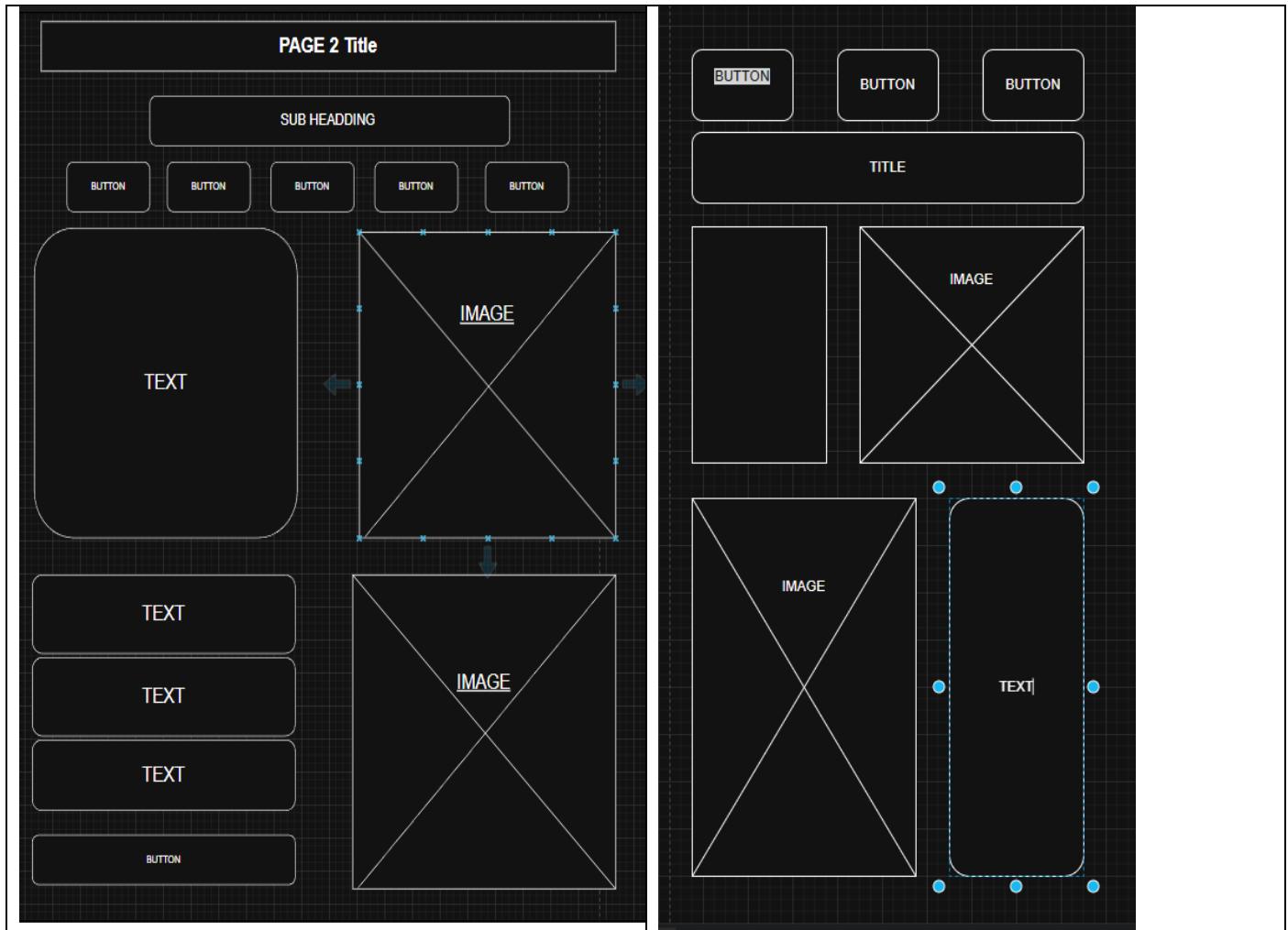
Andrei	
Index.html desktop	Index.html mobile
	
news.html desktop	news.html mobile

Derek

sources.html desktop

sources.html mobile





Testing:

Index.html before/after	News.html before/after
<p>Missing results for selected checkbox with vnu 25.11.30</p> <p>Checker Input</p> <p>Show by file path <input checked="" type="checkbox"/> Show by line number <input type="checkbox"/> Show by file name <input type="checkbox"/></p> <p>Check by file update <input checked="" type="checkbox"/> <input type="checkbox"/> No file selected</p> <p>Message Filtering</p> <p>Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.</p> <p>Message Filtering</p> <ul style="list-style-type: none"> Info: No space between attributes. Info: In attribute names, 'Probable cause' is missing immediately before. Info: Duplicate attribute 'content'. Warning: Attribute 'i' is not serializable on XML 1.0. Warning: Attribute 'placeholder' is only allowed when the input type is 'text', 'number', 'password', 'search', 'tel', 'text', or 'url'. Warning: Attribute 'type' is not serializable on XML 1.0. Error: Attribute 'type' is not allowed on element 'input' at this point. Attribute 'content' not allowed on element 'input' at this point. Attribute 'content' not allowed on element 'input' at this point. 	<p>Nu Html Checker</p> <p>This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change.</p> <p>Showing results for uploaded file news.html (checked with vnu 25.11.30)</p> <p>Checker Input</p> <p>Show <input checked="" type="checkbox"/> Update <input type="checkbox"/> Image report <input type="checkbox"/></p> <p>Check by file update <input checked="" type="checkbox"/> <input type="checkbox"/> No file selected</p> <p>Message Filtering</p> <p>Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.</p> <p>Message Filtering</p> <ol style="list-style-type: none"> Info: Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. Error: Attribute 'placeholder' is only allowed when the input type is 'text', 'number', 'password', 'search', 'tel', 'text', or 'url'. Warning: The type attribute is necessary for Javascript resources. <p>Document checking completed.</p> <p>Used 144 HTML tags.</p> <p>Total execution time 1 milliseconds.</p> <p>after</p>

The screenshot shows the Nu Html Checker extension running in a browser window. The title bar indicates the extension is active. The main content area displays validation results for 'index.html'. It shows a warning about a missing 'id' attribute for a 'div' element. The browser's address bar shows the URL 'http://localhost:4200/index.html'. The status bar at the bottom right shows battery level, signal strength, and other system information.

Uisceire.html

1 **Error** End tag `br`.
From line 39, column 5, to line 39, column 9
`/div>

</div>`

2 **Warning** Section lacks heading. Consider using `h2-h6` elements to add identifying headings to all sections, or else use a `a` element instead for any cases where no heading is needed.
From line 42, column 5, to line 42, column 66
`<div class="row justify-content-center flex-wrap mb-5"><section class="d-flex justify-content-center flex-wrap mb-5"></section>`

3 **Error** Stray end tag `img`.
From line 109, column 8, to line 109, column 13
`</p></div>`

4 **Warning** Section lacks heading. Consider using `h2-h6` elements to add identifying headings to all sections, or else use a `a` element instead for any cases where no heading is needed.
From line 69, column 6, to line 70, column 53
`-><div class="row justify-content-center g-4"><section class="d-flex justify-content-center flex-wrap mb-5"></section>`

5 **Error** End tag `div` seen, but there were open elements.
From line 144, column 5, to line 144, column 10
`/div><div class="row justify-content-center g-4"></div>`

6 **Error** Unclosed element `section`.
From line 121, column 5, to line 121, column 52
`<div class="row justify-content-center g-4"><section class="d-flex justify-content-center flex-wrap mb-5"></section>`

7 **Warning** Section lacks heading. Consider using `h2-h6` elements to add identifying headings to all sections, or else use a `a` element instead for any cases where no heading is needed.
From line 121, column 5, to line 121, column 52
`<div class="row justify-content-center g-4"><section class="d-flex justify-content-center flex-wrap mb-5"></section>`

8 **Error** Stray end tag `section`.
From line 145, column 5, to line 145, column 14
`<div></div></section>`

9 **Error** Stray end tag `img`.
From line 160, column 10, to line 160, column 15
`<div></div>`

10 **Warning** Section lacks heading. Consider using `h2-h6` elements to add identifying headings to all sections, or else use a `a` element instead for any cases where no heading is needed.
From line 147, column 5, to line 147, column 34
`y-><div class="row justify-content-center g-4"><section class="d-flex justify-content-center flex-wrap mb-5"></section>`

After

Findus.html

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change.

Show results for uploaded file `fndus.html` checked with vnu 2.8.12.8

Check input

Upload files with `allow` or `all` extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser
 File checker runs in command-line.

[About this checker](#) • [Submit an issue](#)

Sources.html

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. **Error** End tag `br`.
From line 59, column 6; to line 59, column 10
`>

`

2. **Error** Stray end tag `img`.
From line 65, column 21; to line 65, column 26
``

3. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections, or else use a `div` element instead for any cases where no heading is needed.
From line 60, column 9 to line 60, column 38
`>
 <section class="row g-4 mb-5">`

4. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections, or else use a `div` element instead for any cases where no heading is needed.
From line 60, column 3 to line 80, column 64
`</h2>`
`<section class="d-flex justify-content-center flex-wrap mb-5">`
`</div>`

5. **Warning** Section lacks heading. Consider using `h2 - h6` elements to add identifying headings to all sections, or else use a `div` element instead for any cases where no heading is needed.
From line 135, column 9, to line 135, column 33
`</div>`
`<section class="row g-4">`

6. **Error** Stray end tag `script`.
From line 167, column 1; to line 167, column 9
`</script>`
`</script>`
`</foot>`

7. **Warning** Consider using the `h1` element as a top-level heading only — or else use the `[headingOffset]` attribute (otherwise, all `h1` elements are treated as top-level headings by many screen readers and other tools).
From line 44, column 8; to line 44, column 11
`>`
`<h1>The Ma`

Document checking completed.

Used the HTML parser.
Total execution time 5 milliseconds.

[About this checker](#) • [Report an issue](#)

Arc

Conservation.html

After

Contact.html

Showing results for <https://sasha-clover.github.io/myfirstwebsitem1/contact.html> (checked with vnu 25.12.5)

Checker Input:

Show source notes image report Options

Check by address https://sasha-clover.github.io/myfirstwebsitem1/contact.html

Document checking completed. No errors or warnings to show.

Total execution time 12 milliseconds.

[About this checker](#) • [Report an issue](#)

after

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change.

Showing results for <https://sasha-clover.github.io/myfirstwebsitem1/contact.html> (checked with vnu 25.12.5)

Checker Input:

Show source notes image report Options

Check by address https://sasha-clover.github.io/myfirstwebsitem1/contact.html

Document checking completed. No errors or warnings to show.

Used the HTML parser. Eventually specified character encoding was UTF-8.
Total execution time 27 milliseconds.

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Speed test

Uncover full report details with a FREE GTmetrix account
Get full report details and more testing capacity with a FREE GTmetrix account.

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Latest Performance Report for:
<https://andrey-nci.byethost12.com/>

Report generated: Thu, Dec 4, 2025 8:16 AM -0800
Test Server Location: Seattle, WA, USA
Using: Chrome 142.0.0.0, Lighthouse 12.6.1

GTmetrix Grade		Web Vitals								
A	Performance	99%	Structure	91%	Largest Contentful Paint	1.1s	Total Blocking Time	0ms	Cumulative Layout Shift	0.06

[Summary](#) [Performance](#) [Structure](#) [CrUX](#) [Waterfall](#) [Video](#) [History](#) [Alerts](#)

Log in or Sign up to see the rest of the Report
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Tasks:

Andrei:

Page 1&2 :Landing page"s" (first 7 pages of pdf, broken between two pages)

Tristan:

Page 1: Info pages 8- 13 in pdf report on Irish water

Page 2: location, how to get to us address with google maps

Alexander:

Page 1: Contact us page (customer email/newsletter sign up, comment box) ,

Page 2: info (who uses our water and for what?)

Derek:

Page 1: Report European water usage and where its needed the most

Page 2: Sources page: where all the information was gathered from

Attendance Engagement

4

Attended

2h 21m 28s

Meeting duration

18:49 - 21:11

Start and end time

2h 3m 51s

Average attendance time

Participants

Name	First join	Last leave	In-meeting duration	Role	Engagement
 Derek O'Kelly x24336050@student.ncirl.ie	19:04	21:11	2h 7m 3s	Organiser	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -
 Andrei Grigorita x24314820@student.ncirl.ie	18:50	21:11	2h 21m 5s	Presenter	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -
 Alexander Kirichenko x25780011@student.ncirl.ie	18:50	21:11	2h 20m 58s	Presenter	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -
 Tristan Bradley Odhiambo x24236560@student.ncirl.ie	19:44	21:11	1h 26m 19s	Presenter	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -

Attendance Engagement

4

Attended

1h 22m 18s

Meeting duration

19:07 - 20:29

Start and end time

1h 17m 18s

Average attendance time

Participants

Name	First join	Last leave	In-meeting duration	Role	Engagement
 Derek O'Kelly x24336050@student.ncirl.ie	19:08	20:29	1h 20m 46s	Organiser	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -
 Tristan Bradley Odhiambo x24236560@student.ncirl.ie	19:07	20:29	1h 22m 15s	Presenter	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -
 Alexander Kirichenko x25780011@student.ncirl.ie	19:07	20:29	1h 21m 55s	Presenter	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -
 Andrei Grigorita x24314820@student.ncirl.ie	19:25	20:29	1h 4m 14s	Presenter	🕒 - 🌐 - 🎙 - 🌟 - ❤️ - 🍀 - 😊 - 😊 - 🌟 -

Attendance Engagement

4
Attended

1h 59m 30s
Meeting duration

18:54 - 20:54
Start and end time

1h 47m 38s
Average attendance time

Participants

Name	First join	Last leave	In-meeting duration	Role	Engagement
Derek O'Kelly x24336050@student.ncirl.ie	18:54	20:54	1h 59m 28s	Organiser	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -
Alexander Kirichenko x25780011@student.ncirl.ie	18:55	20:50	1h 55m 51s	Presenter	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -
Andrei Grigorita x24314820@student.ncirl.ie	19:02	20:49	1h 46m 43s	Presenter	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -
Tristan Bradley Odhiambo x24236560@student.ncirl.ie	19:20	20:49	1h 28m 31s	Presenter	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -

Attendance Engagement

4
Attended

1h 51m 21s
Meeting duration

19:30 - 21:21
Start and end time

1h 11m 42s
Average attendance time

Participants

Name	First join	Last leave	In-meeting duration	Role	Engagement
Derek O'Kelly x24336050@student.ncirl.ie	19:30	21:21	1h 51m 17s	Organiser	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -
Andrei Grigorita x24314820@student.ncirl.ie	19:30	21:21	1h 51m 8s	Presenter	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -
Tristan Bradley Odhiambo x24236560@student.ncirl.ie	20:39	21:21	23m 3s	Presenter	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -
Alexander Kirichenko x25780011@student.ncirl.ie	20:40	21:21	41m 20s	Presenter	💡 - 📺 - 🎙️ - 🌟 - ❤️ - 🌟 - 😊 - 😊 - 🌟 -

Notes:

- Everyone needs two pages no less
 - One CSS file only
 - Comment CSS to identify who made it
 - Two wireframes per page each: desktop and mobile
 - One sitemap per group
 - Colour palette:
 - GitHub commits have to be spread evenly

Grade Breakdown

Done

LEGEND ➔ Must do

Critical

80-100%

Excellent & above Excellent evidence of design process, consistent with final website. Very well documented.

Excellent project management demonstrated. Deliverables submitted on time.

Any feedback was clearly taken on board and incorporated to an excellent degree.

GitHub link showing ongoing regular commits over the project duration, has used gitbash or git Gui successfully.

Excellent implementation of HTML elements, implemented excellently, working perfectly.

Demonstrates excellent advanced functionality.

Excellent use of CSS in a single file.

Excellent use of JS in manipulation of the DOM & form validation.

Visually appealing and clear to users. With informative comments.

Website is responsive with no visual errors using a responsive framework with extensive customisation. With informative comments.

Navigation fully working. Website deployed. Images optimised correctly.

Validator showing an excellent result.

Optimisation demonstrated via Google Page Speed rankings – excellent result. All excellently documented.