Daniel Thornton

Design Documentation
Assignment 4
Tourism Website

Design Goal

My Portfolio Website for a Tourism Company is designed to explain and showcase my skills for a potential employer in the industry. My goal was to create clean and visually appealing layout that effectively highlights my expertise and capabilities in javascript, css and html. I focused on showcasing my programming skills and have tried to demonstrate my ability to create dynamic and interactive web experiences. I put a strong emphasis on presenting my skills, projects, and accomplishments.
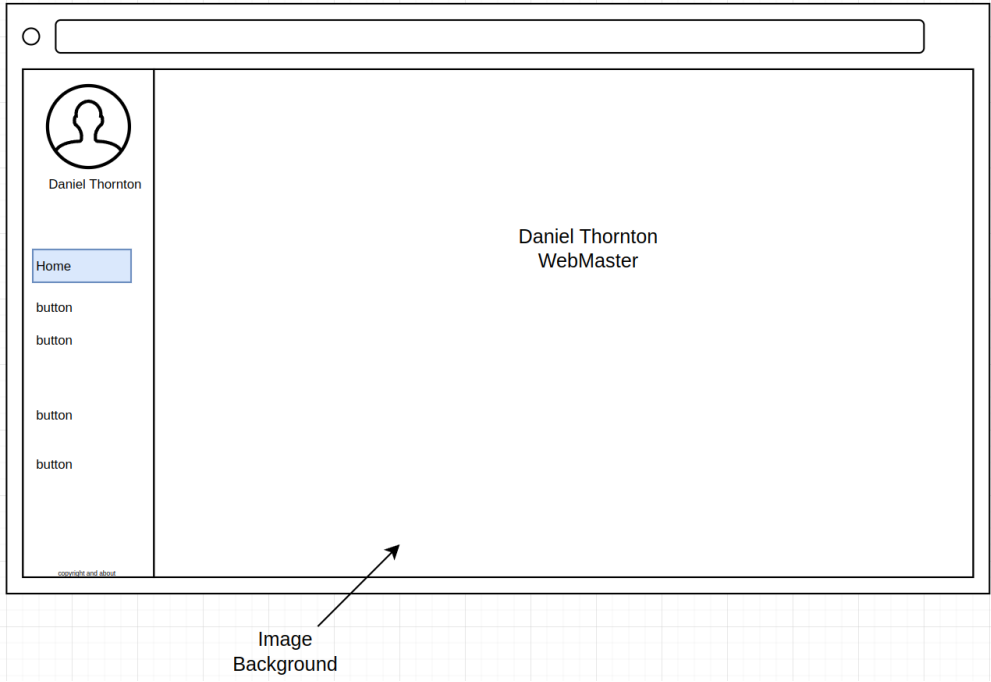
Deployment

Due to issues with the csu webserver the website is hosted on my github pages.

Linked here: https://daniel-r-thornton.github.io/uni_Ass4/

Due to limitations of the github hosting the sound effects will not play on the javascript page these will work if you are running the website locally (this is recommended)
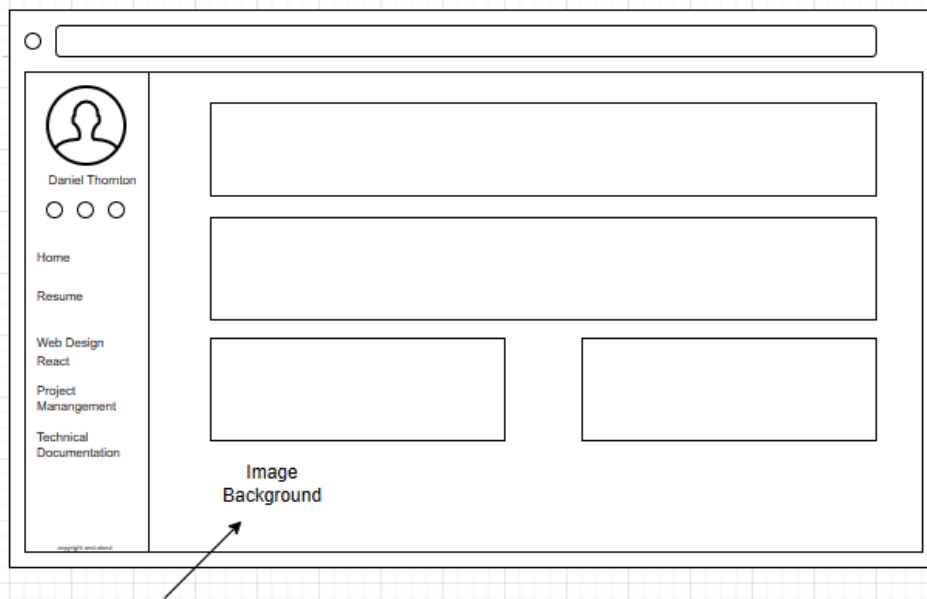
Storyboards

Home Page

Title: Homepage (index.html)	Screen ID: 1.0	Date: 29/5/23

Image
Background

Graphics:

The graphics used on this page are used to create a cohesive and clean layout, the users are greeted with a night sky and a picture of myself) in this case a royalty free image from pexels.com).

Text:
Text will be in the centre of the screen, detailing a little about me.

Multimedia:
There is no multimedia on this page

Notes: A subtle drop-shadow is used to highlight the text.

Description:	Homepage (index.html) – v1.0
Content:	This page contains a sidebar for navigation and a main section with some information.
Interactions:	Users can navigate to other pages using the navigation bar on the left. When users hover over the button they change colour to indicate they can be clicked. The button for the currently selected page is highlighted in the in a bright colour to ensure it was easy to users to see where they are in the site structure.
Media Creation:	All images are sourced from pexels.com a royalty free image provider.
Navigation:	Users navigate via the navbar on the left.

About Me

Title: Resume (resume.html)	Screen ID: 1.0	Date: 29/5/23

Graphics:
On this page is a large background image, there is a prominent image of me top left that helps the user put a face to the name of the person whose portfolio this is.

Text:
The text in this section is larger than the default to ensure readability it is contrasts well with the background image. Lists are used to easily differentiate between the skills I possess.
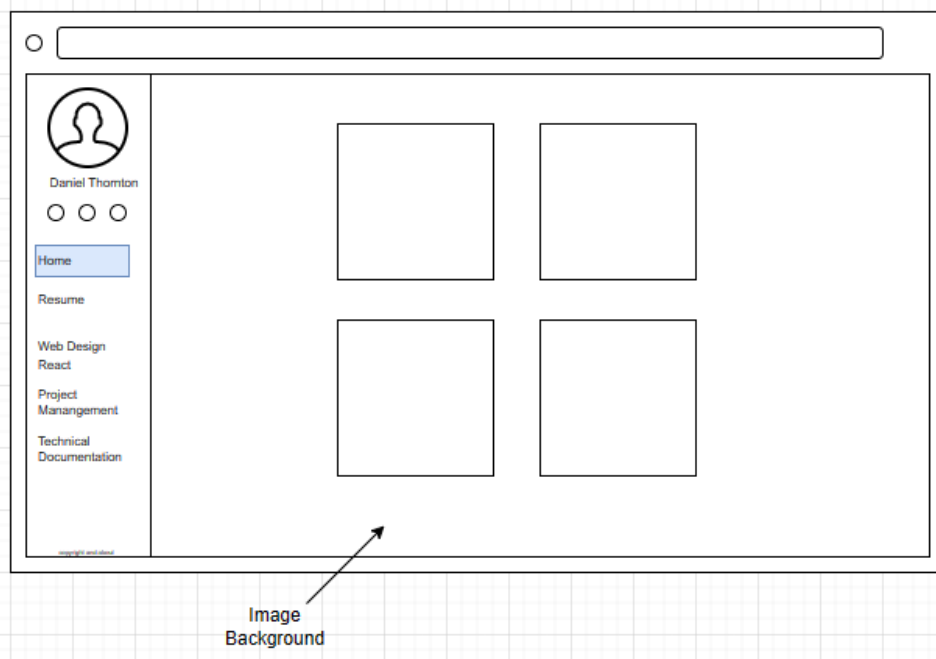
Multimedia:
there is no multimedia on this page

Notes: this file will import the common as well as having its own css file called about.css this will be compliant as well as provide any local changes required.

Description:	Homepage (resume.html) – v1.0
Content:	The page contains a detailed summary about me and has multiple sections explaining my experience and approach to programming.
Interactions:	Users can navigate to other pages using the navigation strip at the top. When users hover over the button they change colour to indicate they can be clicked. The button for the currently selected page is highlighted in the primary website colour. There is to be a link to csu, as well as an email and phone number link.
Media Creation:	All images are sourced from websites with permissive licenses and links are to be placed in the document when they are used
Navigation:	The top of the page will allow users to see what page they are on and to traverse the website page by page

My Skills

Title: My Web Skills (web_skills.html)	Screen ID: 1.0	Date: 1/4/2023

Image
Background

Graphics:
 this page has image icons for each skill, it uses the icon of the software.
The sections are made to appear floating in front of an image background to draw the visitors eye in's

Text: The text on this page is detailing my skills. It is placed into multiple groups each containing an example of the skills and a brief description of it.
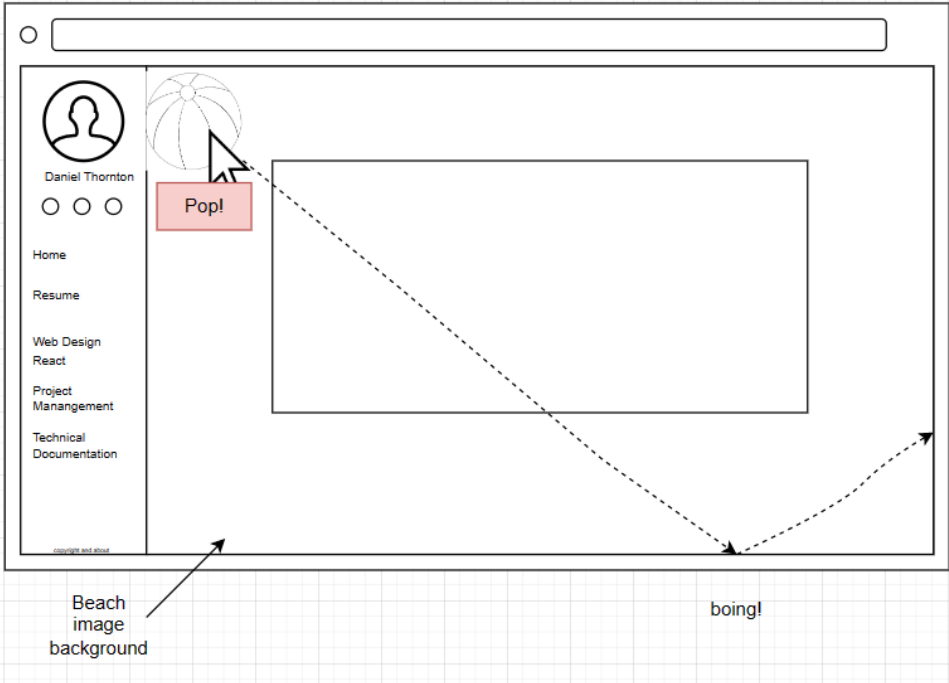
Multimedia:
To make the page interactive and feel more modern when hovering over each box the drop shadow is made more intense this also helps focus the user on the current box they are adding.

Notes: this file will import the common as well as having its own css file called mySkills.css this will be compliant as well as provide any local changes required.

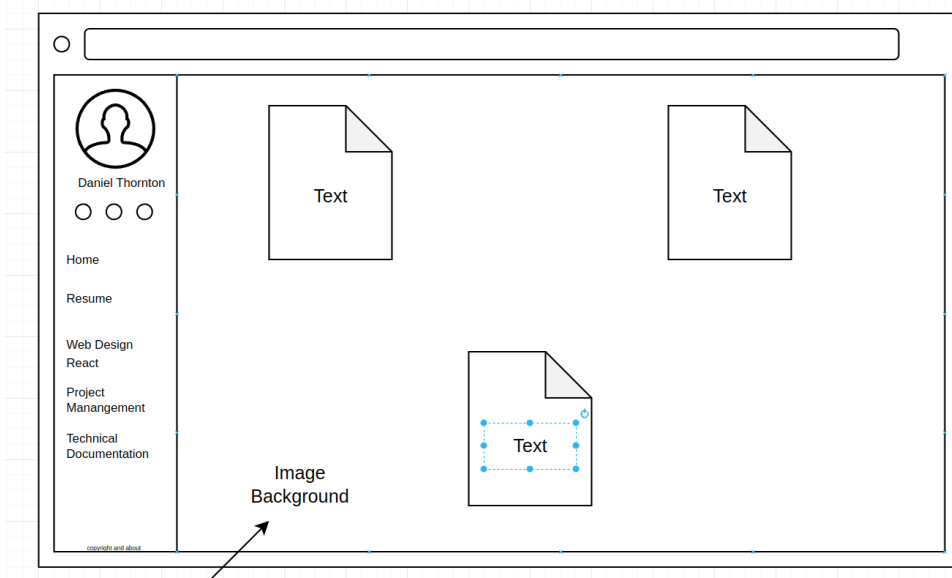| Description:	Homepage (dt_a2_web_skills.html) – v1.0
Content:	The page is split into quadrants with each containing a skill and the skills logo. This page contains a list of skills, each skill gets a heading and an icon the icon will be next to the heading and shows a nice and easy way to see which section is which.
Interactions:	Users can navigate to other pages using the navigation bar on left. When users hover over the button they change colour to indicate they can be clicked. The button for the currently selected page is highlighted in a bright colour.
Media Creation:	All images are sourced from websites with permissive licenses and links are to be placed in the css or html when they are used.
Navigation:	The nav bar allows users to easily navigate without removing too much vertical real-estate

JavaScript

Title: javascript (dt_a2_resume.html)	Screen ID: 1.0	Date: 1/4/2023

Graphics:
The Page has a moving beach ball, the ball is in front of a beach scene backdrop

Text:
   The text on this page is a floating window it outlines my programming abilities in JavaScript. The text also serves to explain the interactivity on the page.

Multimedia:
 There is a bouncing ball that can be clicked to "pop" a bounce sound effect and a pop sound effect can be played on the page.

Notes: this pages JavaScript is contained in the file javascript.js. It contains the required logic to keep the ball in the windows area and allows for the click to pop content.

Description:	JavaScript (JavaScript.html) – v1.0
Content:	The page contains a lovely beach background image t this is there to make the user think of tourism and travel. The beach ball that bounces around is a div that is animated using javascript, it moves using the setinverval callback this calculated the position every 10ms.
Interactions:	Users can click the bouncing ball to pop it. This plays a satisfying pop.
Media Creation:	All images are sourced from websites with permissive licenses and links are to be placed in the document when they are used

Navigation:	The nav bar allows users to easily navigate without removing too much vertical real-estate

Project Management

Title: Project Management(project_management.html)	Screen ID: 1.0	Date: 1/4/2023

Graphics:
This screen was designed to look like a whiteboard with post it notes. It contains a background image and several css styled divs.

Text:
   There are 3 sections on this page containing text, they have a bold sub title and content relating to my achievements in project management.
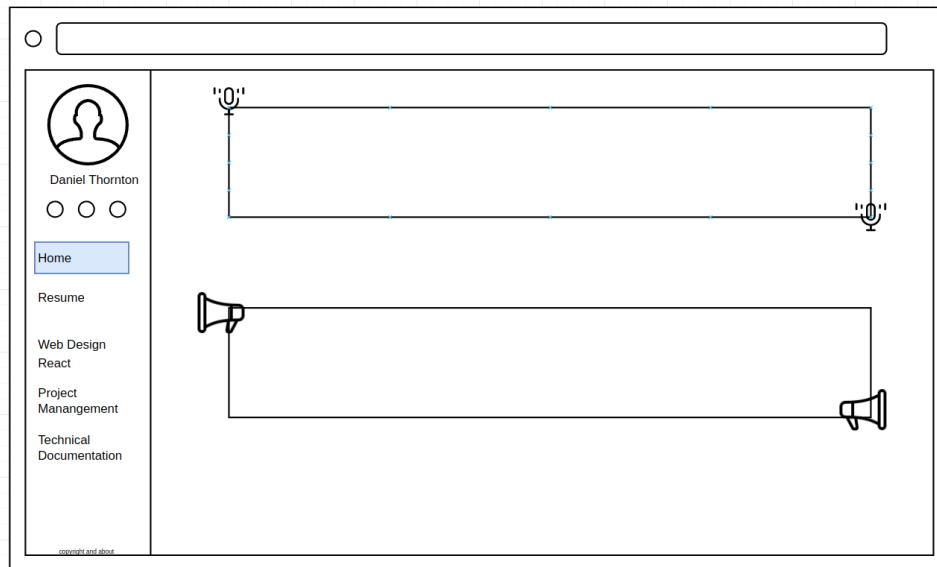
Multimedia:
 There is limited multimedia on this page there is a background image and the profile image top left.

Notes: This page is using flex and allow for some degree of resizing.

Description:	Project Management(project_management.html) – v1.0
Content:	This page contains 3 post it notes, these are prominently displayed on top of a picture of a whiteboard, the text on this section outlines my skills and achievements in project management.
Interactions:	There is limited interaction except for the navigation.
Media Creation:	All images are sourced from websites with permissive licenses and links are to be placed in the document when they are used
Navigation:	The nav bar allows users to easily navigate without removing too much vertical real-estate.

Communication Skills

Title: communication(communication.html)	Screen ID: 1.0	Date: 1/4/2023

Graphics:
This screen has emoji representing the skills of communication and discussion. They are accenting boxes with text.

Text:
The two sections contain text and are framed in red.

Multimedia:
There is limited multimedia on this page there is a background image and the profile image top left.

Notes: the emoji are placed using before and after pseudo classes

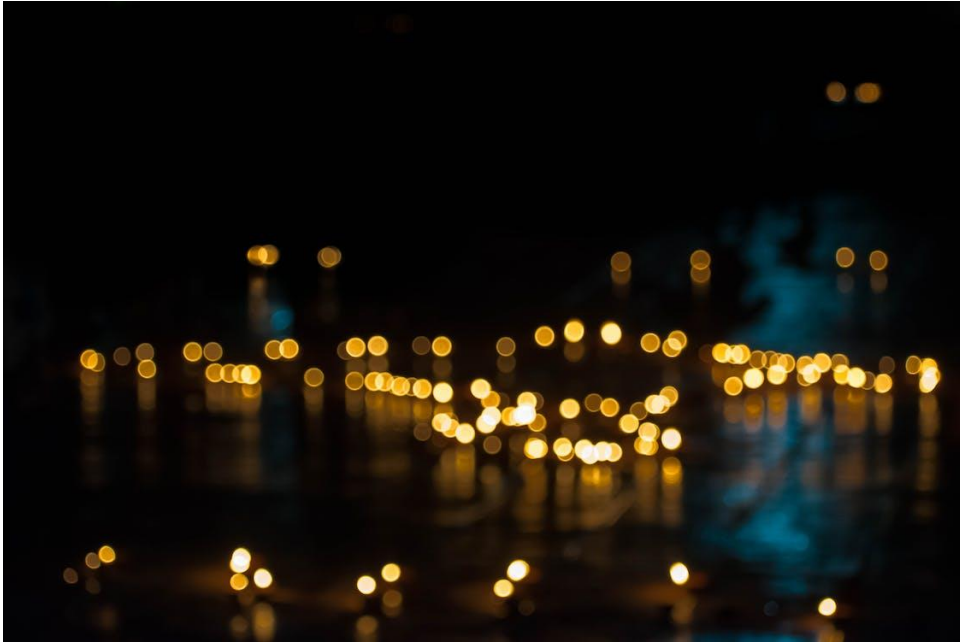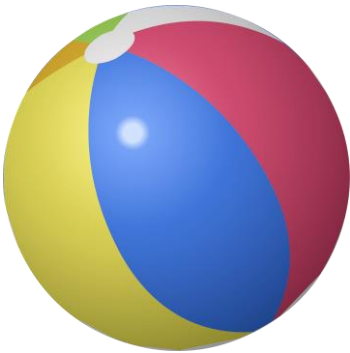| Description:	Communication (communication.html) – v1.0
Content:	This page has two sections that explain my skills at communications and ability to speak in multiple languages.
Interactions:	There is limited interaction except for the navigation.
Media Creation:	All images are sourced from websites with permissive licenses and links are to be placed in the document when they are used
Navigation:	The nav bar allows users to easily navigate without removing too much vertical real-estate.

CSS Design

Images Used

Common

(Pexel, 2015)

Index

(Pandey, 2018)

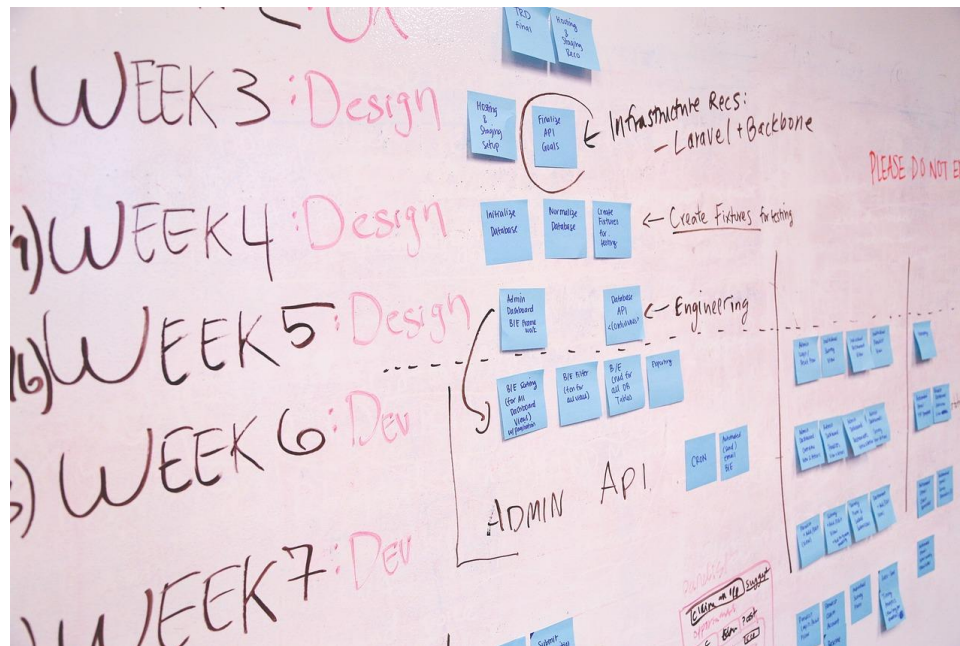# JavaScript

Ball

(OpenClipart-Vectors)

Background

(Onojeghuo, 2015)

Project Management

(StartupStockPhotos, 2015)

Resume

(Jesus, 2016)

Tourism Form

(Pidvalnyi, 2018)

Webskills

(Марчук, 2017)

Communications

(Negative Detail, 2016)

Tests

Testing methodology

To ensure that all pages are valid and have best practices followed all pages and CSS are run through the w3c validation service. This allows pages to be checked for design issues as well as any accessibility issues.

The testisn is run using the utility W3c Bulk validator that runs multiple URLs through the w3c validator at the same time.

CSS Results:

#	URL	# Error	# Warning	Total	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/common.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/index.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/resume.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/web_design.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/project_managment.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/javascript.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/tourism.css	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/css/communication.css	0	0	0	Review

Common.css

Index.css

Resume.css

Web_design.css

The W3C CSS Validation Service

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/web_design.css (CSS level 3)

Jump to: Validated CSS

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/web_design.css (CSS level 3)

Project_management

The W3C CSS Validation Service

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/project_managment.css (CSS level 3)

Jump to: Validated CSS

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/project_managment.css (CSS level 3)

Javascript.css

The W3C CSS Validation Service

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/javascript.css (CSS level 3)

Jump to: Validated CSS

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/javascript.css (CSS level 3)

Tourism.css

The W3C CSS Validation Service

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/tourism.css (CSS level 3)

Jump to: Validated CSS

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/tourism.css (CSS level 3)

Communications.css

The W3C CSS Validation Service

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/communication.css (CSS level 3)

Jump to: Validated CSS

W3C CSS Validator results for https://daniel-r-thornton.github.io/uni_Ass4/css/communication.css (CSS level 3)

Html Results:

#	URL	# Error	# Warning/Info	Total	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/index.html	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/resume.html	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/web_design.html	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/project_management.html	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/javascript.html	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/tourism.html	0	0	0	Review
6	https://daniel-r-thornton.github.io/uni_Ass4/communication.html	0	0	0	Review

Index.html

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/index.html

Checker Input

Show ☐ source ☐ outline ☐ image report | Options...

Check by [address ▾]

[https://daniel-r-thornton.github.io/uni_Ass4/index.html]

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.
Total execution time 65 milliseconds.

Resume.html

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/resume.html

Checker Input

Show ☐ source ☐ outline ☐ image report | Options...

Check by [address ▾]

[https://daniel-r-thornton.github.io/uni_Ass4/resume.html]

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.
Total execution time 67 milliseconds.

Web_design.html

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/web_design.html

Checker Input

Show ☐ source ☐ outline ☐ image report | Options...

Check by [address ▾]

[https://daniel-r-thornton.github.io/uni_Ass4/web_design.html]

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.
Total execution time 64 milliseconds.

Project_management.html

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/project_management.html

Checker Input

Show ☐ source ☐ outline ☐ image report | Options...

Check by [address ▾]

[https://daniel-r-thornton.github.io/uni_Ass4/project_management.html]

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.
Total execution time 64 milliseconds.

Javascript.html

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/javascript.html

Checker Input

Show ☐ source ☐ outline ☐ image report | Options...

Check by [address ▾]

[https://daniel-r-thornton.github.io/uni_Ass4/javascript.html]

Check

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.
Total execution time 70 milliseconds.

Tourism.html

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

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/tourism.html

┌─ Checker Input ───┐
│ Show ☐ source ☐ outline ☐ image report [Options...]   │
│   │
│ Check by [address ▾]   │
│ [https://daniel-r-thornton.github.io/uni_Ass4/tourism.html   ]   │
│ [Check]   │
└──┘

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.

Total execution time 66 milliseconds.

Communication.html

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

Showing results for https://daniel-r-thornton.github.io/uni_Ass4/communication.html

┌─ Checker Input ───┐
│ Show ☐ source ☐ outline ☐ image report [Options...]   │
│   │
│ Check by [address ▾]   │
│ [https://daniel-r-thornton.github.io/uni_Ass4/communication.html   ]   │
│ [Check]   │
└──┘

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.

Total execution time 66 milliseconds.

Concept Map

References

Jesus, J. (2016). Retrieved from https://www.pexels.com/photo/silhouette-of-grass-under-white-sky-925743/

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Марчук, Д. (2017). Retrieved from https://pixabay.com/vi/illustrations/lai-l%E1%BB%8Bch-tr%E1%BB%ABu-t%C6%B0%E1%BB%A3ng-h%C3%A0ng-h%C3%ACnh-h%E1%BB%8Dc-2462431/