

Coffee & Bean

Continuous Assessment 2 (CA-2)

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HDCSDEV_INT - Web Design and Client-Side Scripting

Higher Diploma in Science in Computing

29 November 2024

Eugene McLaughlin

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1. Project Summary

We chose the Coffee Shop theme because of our passion for coffee and its cultural significance, as well as its universal appeal. Coffee is more than a drink... It represents energy, comfort, and community, making it an ideal focus for our project.

The problem we aim to solve is the lack of a centralized, user-friendly platform where customers can know about the coffee making process, find detailed information about coffee services, and connect with the rich history of coffee. By offering a seamless online experience, we bridge the gap between curiosity and accessibility, enhancing the overall journey for coffee lovers.

The market for coffee is vast and ever-growing. According to *BrewSmartly*, Dublin is the second most coffee-obsessed capital in Europe, with 181 coffee shops per 100,000 people and an estimated 2 billion cups consumed daily. This demonstrates not only the love for coffee but also the immense potential for innovation in this space.

Link of our website: <https://vinichevalier.github.io/Coffee-Bean/index.html>

2. Collaborative effort

Our team collaboratively decided to base our project on the theme of coffee. To ensure an equitable workload, we divided the six pages of the project into two types for each team member: one simpler, informational page, and one more complex page requiring user interaction or the creation of advanced elements.

After defining the responsibilities for each page, we distributed additional tasks—such as reviewing and maintaining the general CSS, debugging JavaScript, and assembling the final report to ensure that everyone contributed to all aspects of the project. This balanced approach prevented an unequal division of effort while fostering teamwork.

Page Assignments and Deliverables:

- Daniele: Responsible for the About Us and Coffee Stores pages.
- Deysemare: Responsible for the Home Page (index.html) and Contact Us pages.
- Vinícius: Responsible for the Our Grains and Bean Boutique pages.

Each page must adhere to the established layout and style guidelines, which include using general and individual-specific CSS files. Deliverables for each page also incorporate requirements like the use of Bootstrap, jQuery, and JavaScript.

Tools and Workflow:

To manage the project efficiently, we utilized:

- **Trello** for activity mapping, task distribution, and progress tracking.
- **GitHub** for deployment and synchronization of individual contributions.
- **Visual Studio Code** for coding, leveraging its integration with GitHub to streamline collaboration

Milestones:

1. Page Design Completion: Layouts and wireframes finalized.
2. Coding Phase: HTML, CSS, and JavaScript implementation for each page.
3. Testing and Review: Collaborative testing of functionality and design consistency.
4. Final Submission: Assembling the report and deploying the final version.

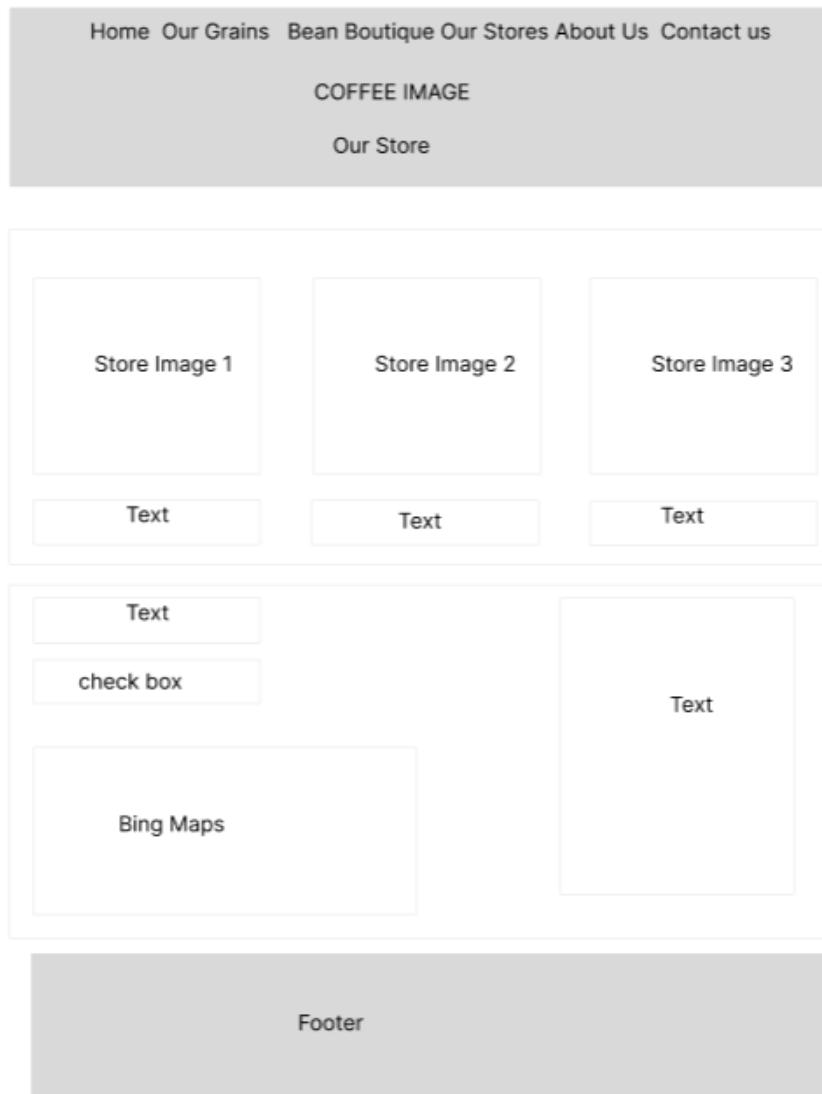
This approach ensured a structured workflow with clear deliverables and milestones, while fostering collaboration across all project stages.

3. Design Process

To design our site, we started by researching Irish coffee shop websites to understand the prevailing styles and identify elements that resonated with our project's theme. Additionally, we explored other websites with visually appealing designs to gather broader inspiration. Based on our findings, we created several drafts, refining them collaboratively until we reached a design that satisfied everyone in the group. After finalizing the concept, we developed detailed wireframes for each page. These wireframes served as a blueprint, ensuring consistency across the layout and streamlining the design process for all group members.

3.1. Wireframe

3.1.1. Index



3.1.2. Our Grains

[Link one](#) [Link two](#) [Link three](#) [Link four](#)

Title of the page



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Title

Information



3.1.3. Beans Boutique

[Link one](#) [Link two](#) [Link three](#) [Link four](#)

Title of the page

Short heading goes here

		
Blog title heading goes here Lorem ipsum dolor sit amet et delectus accommodare his consul copiosae. Price	Blog title heading goes here Lorem ipsum dolor sit amet et delectus accommodare his consul copiosae. Price	Blog title heading goes here Lorem ipsum dolor sit amet et delectus accommodare his consul copiosae. Price

		
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<p style="text-align: center;">Title Information</p> <p style="text-align: center;">@  </p> <p style="text-align: center;">© 2024 Your Website. All rights reserved.</p>

3.1.4. Our Stores

[Home](#) [Our Grains](#) [Bean Boutique](#) [Our Stores](#) [About Us](#) [Contact us](#)

COFFEE IMAGE

Our Store

Store Image 1

Store Image 2

Store Image 3

Text

Text

Text

Text

check box

Text

Bing Maps

Footer

3.1.5. About Us

Home Our Grains Bean Boutique Our Stores About Us Contact us

COFFEE IMAGE

About Us

Text

Video

Text

Platation image 1

RM Image

Our Time

Text

Text

Text

Footer

3.1.6. Contact Us

[Home](#) | [Our Grains](#) | [Bean Boutique](#) | [Our Stores](#) | [About](#) | [Us](#) | [Contact Us](#)
(highlighted)

Coffee & Bean

Contact Us

[Form Section]

Name: [_____]

Email: [_____]

(Error Message placeholder)

Subject: [Dropdown: Select Option v]

Message: [_____]

[_____]

[_____]

[_____]

[Submit Button]

Want to connect?

Get in touch with us through our social

| channels. |

[Facebook Icon] [Instagram Icon]

Want to connect?

Get in touch with us through our social

| channels. |

[Facebook Icon] [Instagram Icon]

4. Development

4.1. Bootstrap

Bootstrap provides a robust, responsive framework that accelerates the development process while ensuring a cohesive and consistent design across the website. By leveraging Bootstrap, the project benefits in several keyways:

- Increased productivity: Ready-made components reduce the need for custom coding.
- Guaranteed responsiveness: Ensures the website is mobile-friendly and adapts seamlessly to various screen sizes.
- Cross-browser compatibility: Addresses inconsistencies across different web browsers.

In this project, Bootstrap has been implemented to deliver responsive layouts and stylized components efficiently, enabling faster development and a polished, user-friendly design.

Example of code where we applied bootstrap:

```
<div class="col">
  <div class="card h-100">
    
    <div class="card-body">
      <h5 class="card-title">Colombian Coffee</h5>
      <p class="card-text">
        Colombia ranks among the top coffee producers worldwide,
        with beans known for their balanced flavours, medium body,
        and bright acidity. Colombian coffee offers diverse taste
        profiles, often featuring smooth notes of caramel, citrus,
        and chocolate.
      </p>
    </div>
  </div>
</div>
```



Colombian Coffee

Colombia ranks among the top coffee producers worldwide, with beans known for their balanced flavors, medium body, and bright acidity. Colombian coffee offers diverse taste profiles, often featuring smooth notes of caramel, citrus, and chocolate.

4.2. jQuery

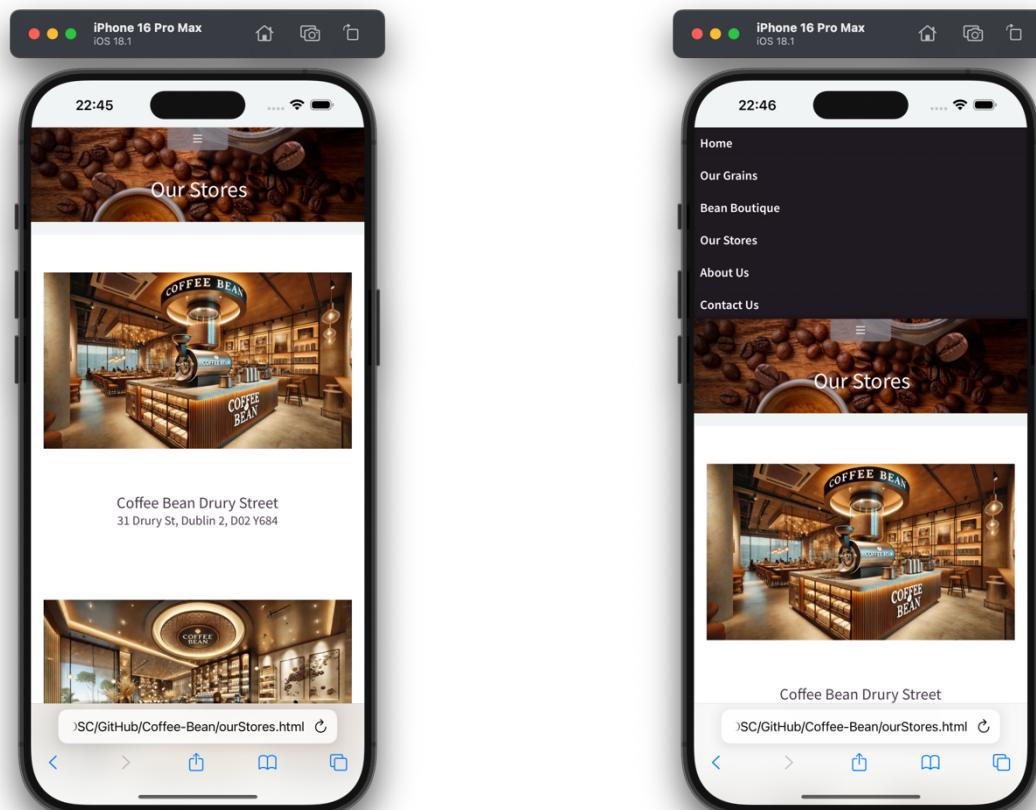
jQuery is a lightweight JavaScript library that simplifies HTML DOM manipulation, event handling, and animations, enhancing interactivity and user experience on a website. Its simplicity and cross-browser compatibility make it an excellent choice for web development, especially when implementing interactive features efficiently.

In our project, jQuery was utilized to enhance the responsiveness and usability of the website's navigation menu, particularly for mobile devices. To achieve this, we implemented the *jquery.scrolllex* plugin, which provides a powerful way to trigger animations and actions based on scrolling behaviour.

The use of *jquery.scrolllex* allowed us to create a dynamic menu that adapts seamlessly to the user's scrolling actions, ensuring the menu:

- Remains accessible: Improves navigation in the mobile view by dynamically showing or hiding menu elements as needed.
- Improves performance: Optimizes mobile interactivity by focusing only on active sections of the page.

This implementation ensures that the navigation menu delivers a clean and user-friendly experience, aligning with modern design standards and the responsive nature of the website.



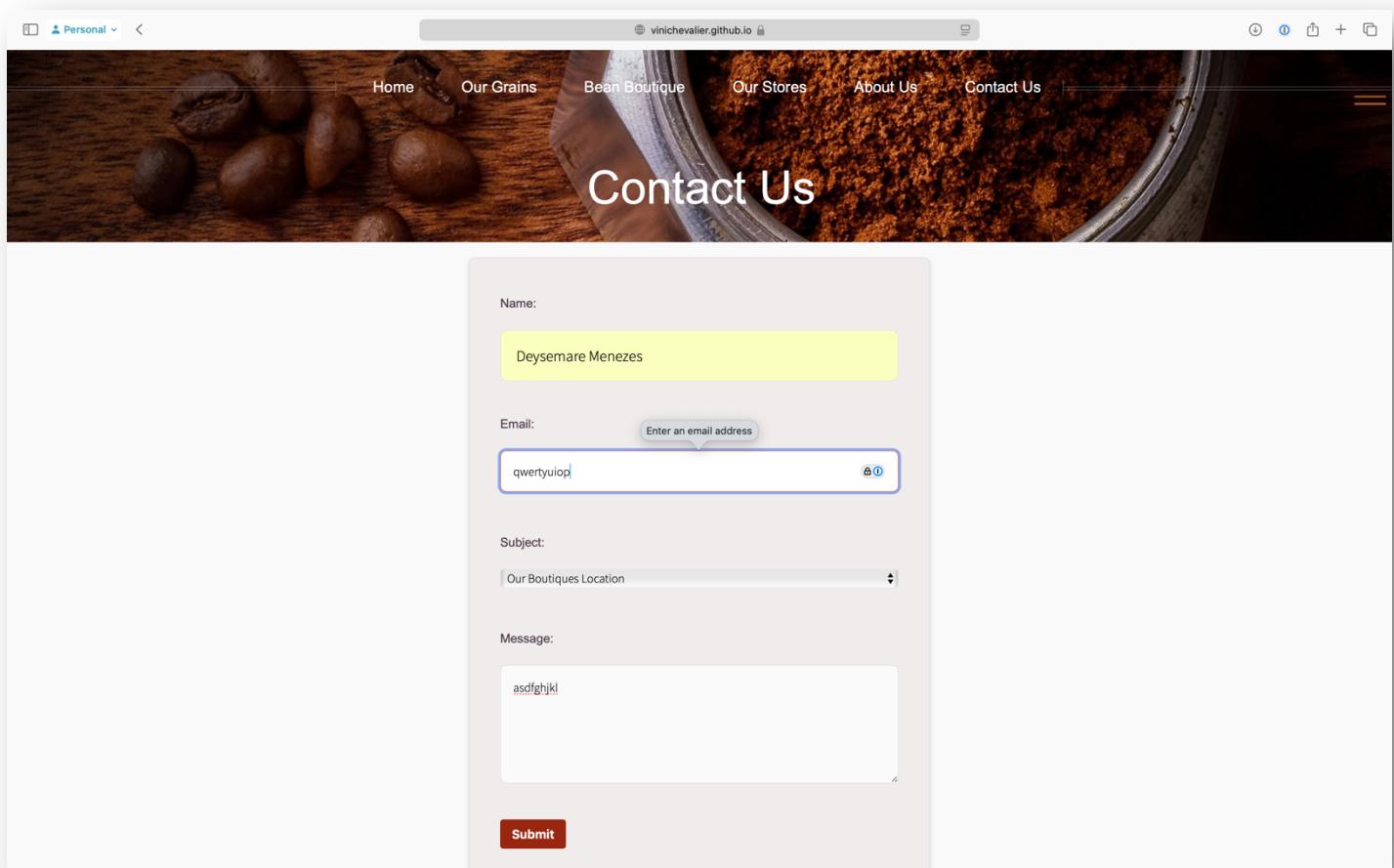
4.3. JavaScript

JavaScript enhances the website's interactivity, particularly through form **validation** on the “Contact Us” page. This ensures users provide accurate information by offering real-time feedback and highlighting errors, improving the overall user experience.

To help users locate the coffee shop, we **integrated Bing Maps**, featuring interactive navigation and a custom marker pinpointing the shop’s exact location. This addition improves the website’s utility and accessibility for visitors.

For product displays, we **leveraged Vue.js**, a progressive framework. Vue allowed us to efficiently build reusable, responsive product card components with minimal effort. Its reactivity ensures the cards update seamlessly when product data changes, streamlining the development process.

Together, these technologies optimized our website’s functionality, responsiveness, and user experience, aligning with modern web standards and ensuring a professional, engaging platform.



The screenshot shows a contact form overlaid on a background image of coffee beans and ground coffee. The form fields include Name, Email, Subject, and Message, each with validation messages. A red 'Submit' button is at the bottom.

Name: Deysemare Menezes

Email: Enter an email address
qwertyuiop

Subject: Our Boutiques Location

Message: asdfghjkl

Submit

4.4. Testing & Evidence

4.4.1. HTML

Index

Nu Html Checker

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

Showing results for <https://vinichevalier.github.io/Coffee-Bean/index.html>

Checker Input

Show source outline image report Options...

Check by address address URL file
<https://vinichevalier.github.io/Coffee-Bean/index.html>

Check

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

Message Filtering

Warnings (2) · Hide all warnings · Show all warnings

- 1 Consider avoiding viewport values that prevent users from resizing documents.
- 2 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.

Info messages (17) · Hide all info messages · Show all info messages

- 1 Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. (17)

Our Grains

Nu Html Checker

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

Showing results for <https://vinichevalier.github.io/Coffee-Bean/ourGrains.html>

Checker Input

Show source outline image report Options...

Check by address address URL file
<https://vinichevalier.github.io/Coffee-Bean/ourGrains.html>

Check

Use the Message Filtering button below to display options for hiding/showing particular messages, and to see total counts of errors and warnings.

Message Filtering: 16 messages hidden by filtering

1. **Warning** Article lacks heading. Consider using `h2 - h6` elements to add identifying headings to all articles.
 From line 134, column 7; to line 134, column 25
`t"><article id="main">`

2. **Error** Duplicate ID `main`.
 From line 175, column 7; to line 175, column 25
`/><article id="main">`

3. **Warning** The first occurrence of ID `main` was here.
 From line 134, column 7; to line 134, column 25
`t"><article id="main">`

4. **Warning** Article lacks heading. Consider using `h2 - h6` elements to add identifying headings to all articles.
 From line 175, column 7; to line 175, column 25

5. **Error** The element `header` must not appear as a descendant of the `footer` element.
 From line 328, column 6; to line 328, column 13
`<ct><header>`

6. **Error** Stray end tag `div`.
 From line 349, column 2; to line 349, column 7
`/footer></div><!-`

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

Showing results for https://vinichevalier.github.io/Coffee-Bean/ourGrains.html

Checker Input

Show source outline image report Options...

Check by address
 https://vinichevalier.github.io/Coffee-Bean/ourGrains.html

Use the Message Filtering button below to display options for hiding/showing particular messages, and to see total counts of errors and warnings.

Message Filtering | 16 messages hidden by filtering

Document checking completed. No errors or warnings to show.

Used the HTML parser. Externally specified character encoding was utf-8.
 Total execution time 25 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 24.11.29

Bean Boutique

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

Showing results for https://vinichevalier.github.io/Coffee-Bean/beanBoutique.html

Checker Input

Show source outline image report Options...

Check by address
 https://vinichevalier.github.io/Coffee-Bean/beanBoutique.html

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

Message Filtering | 7 messages hidden by filtering

- Warning** Attribute ':key' is not serializable as XML 1.0.
 From line 70, column 8; to line 70, column 97
`<article v-for="(product, index) in products" :key="index" class="col-lg-4 col-md-6 mb-4">`
- Error** Attribute 'v-for' not allowed on element `article` at this point.
 From line 70, column 8; to line 70, column 97
`<article v-for="(product, index) in products" :key="index" class="col-lg-4 col-md-6 mb-4">`
 Attributes for element `article`:
`Global attributes`
- Error** Attribute ':key' not allowed on element `article` at this point.
 From line 70, column 8; to line 70, column 97
`<article v-for="(product, index) in products" :key="index" class="col-lg-4 col-md-6 mb-4">`
 Attributes for element `article`:
`Global attributes`
- Warning** Attribute ':src' is not serializable as XML 1.0.
 From line 72, column 10; to line 72, column 76
``
- Warning** Attribute ':alt' is not serializable as XML 1.0.
 From line 72, column 10; to line 72, column 76
``
- Error** Attribute ':src' not allowed on element `img` at this point.
 From line 72, column 10; to line 72, column 76
``

validator.w3.org

8. Error Element `img` is missing required attribute `src`.
 From line 72, column 10; to line 72, column 76
``

Attributes for element `img`:
 Global attributes
`alt` — Replacement text for use when images are not available
`src` — Address of the resource
`sizes` — Images to use in different situations, e.g., high-resolution displays, small monitors, etc.
`crossorigin` — How the element handles crossorigin requests
`usemap` — Name of `image.map` to use
`ismap` — Whether the image is a server-side image map
`width` — Horizontal dimension
`height` — Vertical dimension
`referrerpolicy` — Referrer policy for fetches initiated by the element
`decoding` — Decoding hint to use when processing this image for presentation
`loading` — Used when determining loading deferral
`fetchpriority` — Sets the priority for fetches initiated by the element

9. Error An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).
 From line 72, column 10; to line 72, column 76
``

10. 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 67, column 6; to line 67, column 29
`<section id="coffeeApp">`

11. Warning Article lacks heading. Consider using `h2-h6` elements to add identifying headings to all articles.
 From line 60, column 5; to line 60, column 39
`<article id="main" class="special">`

12. Error The element `header` must not appear as a descendant of the `footer` element.
 From line 90, column 6; to line 90, column 13
`<ct><header>`

validator.w3.org

Nu Html Checker

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

Showing results for <https://vinichevalier.github.io/Coffee-Bean/beanBoutique.html>

Checker Input

Show source outline image report Options...

Check by: address
<https://vinichevalier.github.io/Coffee-Bean/beanBoutique.html>

Check

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

Message Filtering 7 messages hidden by filtering

1. Warning Attribute `:key` is not serializable as XML 1.0.
 From line 70, column 8; to line 70, column 97
`<article v-for="(product, index) in products" :key="index" class="col-lg-4 col-md-6 mb-4">`

2. Error Attribute `v-for` not allowed on element `article` at this point.
 From line 70, column 8; to line 70, column 97
`<article v-for="(product, index) in products" :key="index" class="col-lg-4 col-md-6 mb-4">`

Attributes for element `article`:
 Global attributes

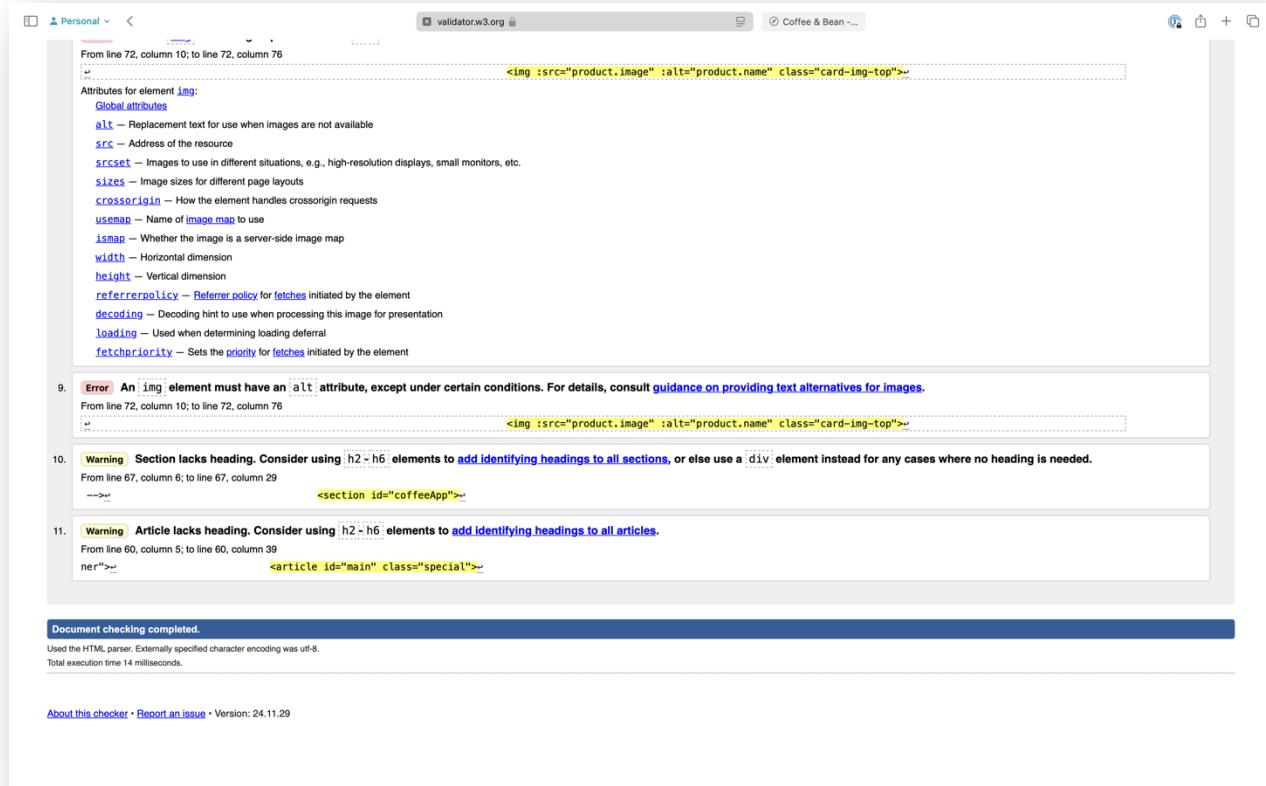
3. Error Attribute `:key` not allowed on element `article` at this point.
 From line 70, column 8; to line 70, column 97
`<article v-for="(product, index) in products" :key="index" class="col-lg-4 col-md-6 mb-4">`

Attributes for element `article`:
 Global attributes

4. Warning Attribute `:src` is not serializable as XML 1.0.
 From line 72, column 10; to line 72, column 76
``

5. Warning Attribute `:alt` is not serializable as XML 1.0.
 From line 72, column 10; to line 72, column 76
``

6. Error Attribute `:src` not allowed on element `img` at this point.
 From line 72, column 10; to line 72, column 76
``

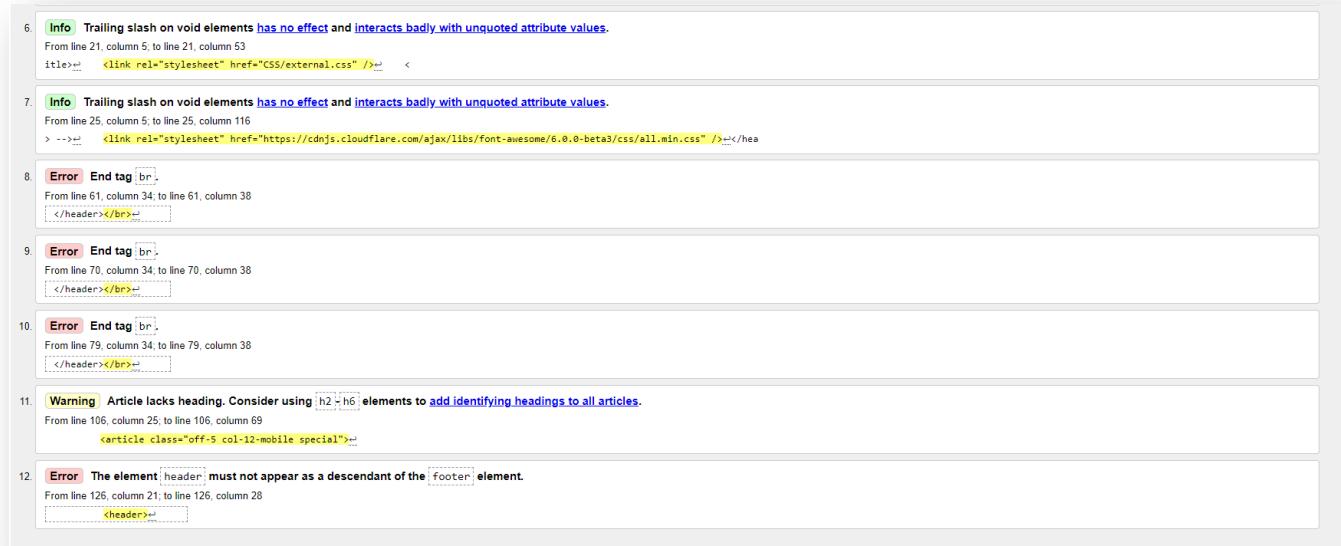


The screenshot shows the W3C HTML Validator interface with the following details:

- Validator.w3.org** is the URL.
- Coffee & Bean ~...** is the title of the page being checked.
- From line 72, column 10; to line 72, column 76**
- Attributes for element `img`:**
 - Global attributes**: `alt`, `src`, `srcset`, `sizes`, `crossorigin`, `usemap`, `ismap`, `width`, `height`, `referrerPolicy`, `decoding`, `loading`, `fetchPriority`.
 - Error**: An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).
- From line 67, column 6; to line 67, column 29**
- 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 5; to line 60, column 39**
- Warning**: Article lacks heading. Consider using `h2 - h6` elements to [add identifying headings to all articles](#).
- Document checking completed.**
- Used the HTML parser. Externally specified character encoding was utf-8.
Total execution time 14 milliseconds.
- [About this checker](#) • [Report an issue](#) • Version: 24.11.29

The error happens because validators only understand basic HTML. Vue.js adds special features to make the app dynamic, which browsers handle perfectly. We shouldn't change it because it's working as designed.

Our Stores



The screenshot shows the W3C HTML Validator interface with the following details:

- From line 21, column 5; to line 21, column 53**
- Info**: Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
- From line 25, column 5; to line 25, column 116**
- Info**: Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
- From line 61, column 34; to line 61, column 38**
- Error**: End tag `br`.
- From line 70, column 34; to line 70, column 38**
- Error**: End tag `br`.
- From line 79, column 34; to line 79, column 38**
- Error**: End tag `br`.
- From line 106, column 25; to line 106, column 69**
- Warning**: Article lacks heading. Consider using `h2 - h6` elements to [add identifying headings to all articles](#).
- From line 126, column 21; to line 126, column 28**
- Error**: The element `header` must not appear as a descendant of the `footer` element.

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 11, column 5, to line 11, column 28 <code>head> <meta ><="" charset="utf-8" code=""/></code>
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 12, column 5, to line 12, column 91 <code>&" /> <meta ><="" code="" content="coffee & Bean - Flavours of the world in your cup" name="description"/></code>
3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 13, column 5, to line 13, column 42 <code>p" /> <meta ><="" code="" content="index" name="robots"/></code>
4. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 14, column 5, to line 18, column 60 <code>x" /> <meta ><="" code="" content="coffee,coffee near me,star bucks,coffee shops near me,coffee shop, coffee cafe near me,flat white,takeaway near me,food near me,places to eat lunch near me,places to eat near me,food places near me,nespresso ireland, espresso,best restaurants near me,irish coffee,buy coffee,preparing your coffee,organic coffee,premium coffee,cappuccino,americano,coffee plantation,gym and coffee,gym plus coffee,coffee machine,delonghi coffee machine,coffee table,cosa coffee,discount coffee,baileys coffee,cosa coffee hot chocolate death, coffee grinder,tassimo coffee machine,the art of coffee" name="keywords"/></code>
5. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 19, column 5, to line 19, column 74 <code>e" /> <meta ><="" code="" content="width=device-width, initial-scale=1" name="viewport"/></code>
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 21, column 5, to line 21, column 53 <code>title> <link ><="" code="" href="CSS/external.css" rel="stylesheet"/></code>
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 25, column 5, to line 25, column 116 <code>> -> <link ><="" code="" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet"/></code>

About Us

7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 23, column 5, to line 23, column 02 <code>title> <link ><="" code="" href="CSS/external_Danielle.css" rel="stylesheet"/></code>
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 24, column 5, to line 24, column 19 <code>&" /> <link ><="" code="" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet"/></code>
9. Warning Section lacks heading. Consider using <code>h2</code> or <code>h3</code> elements to add identifying headings to all sections, or else use a <code>div</code> element instead for any cases where no heading is needed. From line 58, column 21, to line 58, column 53 <code>section class="videocontainer"></code>
10. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 91, column 12, to line 91, column 15 <code>h2> </code>
11. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 97, column 28, to line 97, column 93 <code>img alt="Coffee Plantation" /></code>
12. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 110, column 26, to line 110, column 60 <code>img alt="Roast Machine" /></code>
13. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 122, column 26, to line 122, column 75 <code>img alt="Our Team" /></code>
14. Error The element <code>header</code> must not appear as a descendant of the <code>footer</code> element. From line 140, column 21, to line 140, column 28 <code>header> ...</code>

Show <input type="checkbox"/> Source <input type="checkbox"/> Outline <input type="checkbox"/> Image report <input type="checkbox"/> Options
Check by <input type="button" value="File upload"/> <input type="button" value="Another analysis"/> Neither option selected Uploaded files with .xml or .xhtml extensions are parsed using the XML parser.
<input type="button" value="Check"/>
Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings. Message Filtering
1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 11, column 5, to line 11, column 28 <code>head> <meta ><="" charset="utf-8" code=""/></code>
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 12, column 5, to line 12, column 91 <code>&" /> <meta ><="" code="" content="coffee & Bean - Flavours of the world in your cup" name="description"/></code>
3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 13, column 5, to line 13, column 42 <code>p" /> <meta ><="" code="" content="index" name="robots"/></code>
4. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 14, column 5, to line 24, column 60 <code>x" /> <meta ><="" code="" content="coffee,coffee near me,star bucks,coffee shops near me,coffee shop, coffee cafe near me,flat white,takeaway near me,food near me,places to eat lunch near me,places to eat near me,food places near me,nespresso ireland, espresso,best restaurants near me,irish coffee,buy coffee,preparing your coffee,organic coffee,premium coffee,cappuccino,americano,coffee plantation,gym and coffee,gym plus coffee,coffee machine,delonghi coffee machine,coffee table,cosa coffee,discount coffee,baileys coffee,cosa coffee hot chocolate death, coffee grinder,tassimo coffee machine,the art of coffee" name="keywords"/></code>
5. Warning Consider avoiding viewport values that prevent users from resizing documents. From line 21, column 5, to line 21, column 02 <code>e" /> <meta ><="" code="" content="width=device-width, initial-scale=1, user-scalable=no" name="viewport"/></code>
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 21, column 5, to line 21, column 92 <code>e" /> <meta ><="" code="" content="width=device-width, initial-scale=1, user-scalable=no" name="viewport"/></code>
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 23, column 5, to line 23, column 02 <code>title> <link ><="" code="" href="CSS/external.css" rel="stylesheet"/></code>
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 24, column 5, to line 24, column 116 <code>&" /> <link ><="" code="" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet"/></code>
9. Warning Section lacks heading. Consider using <code>h2</code> or <code>h3</code> elements to add identifying headings to all sections, or else use a <code>div</code> element instead for any cases where no heading is needed. From line 58, column 21, to line 58, column 53 <code>section class="videocontainer"></code>
10. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. From line 91, column 12, to line 91, column 15 <code>h2> </code>

Contact Us

Nu Html Checker

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

Showing results for https://vinichevalier.github.io/Coffee-Bean/contactUs.html

Checker Input

Show source outline image report

Check by

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

1. **Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.**
 From line 10, column 3; to line 10, column 26
`<head><meta charset="utf-8" />`

2. **Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.**
 From line 12, column 3; to line 12, column 57

Nu Html Checker

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

Showing results for https://vinichevalier.github.io/Coffee-Bean/index.html

Checker Input

Show source outline image report

Check by

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

Warnings (2) · Hide all warnings · Show all warnings

1 Consider avoiding viewport values that prevent users from resizing documents.
 2 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.

Info messages (17) · Hide all info messages · Show all info messages

1 Trailing slash on void elements has no effect and interacts badly with unquoted attribute values. (17)

4.4.2. CSS

Danielle:

W3C CSS Validator results for external_Danielle.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG !](#)

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

```
<p> <a href="https://jigsaw.w3.org/css-validator/check/referer">
    
</a>
</p>
```



```
<p> <a href="https://jigsaw.w3.org/css-validator/check/referer">
    
</a>
</p>
```

(close the img tag with > instead of /> if using HTML <= 4.01)



Interested in "developing" your developer skills? In W3Cx's hands-on Professional Certificate Program, learn how to code the right way by creating Web sites and apps that use the latest Web standards. [Find out more!](#)

[Donate](#) and help us build better tools for a better web.

If you like, you can download a copy of this image to keep in your local web directory, and change the XHTML fragment above to reference your local image rather than the one on this server.

If you would like to create a link to this page (i.e., this validation result) to make it easier to re-validate this page in the future or to allow others to validate your page, the URI is:

Deysemare:

W3C® The W3C CSS Validation Service

W3C CSS Validator results for https://vinichevalier.github.io/Coffee-Bean/index.html (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG !](#)

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

```
<p> <a href="https://jigsaw.w3.org/css-validator/check/referer">
    
</a>
</p>
```



```
<p> <a href="https://jigsaw.w3.org/css-validator/check/referer">
    
</a>
</p>
```

Vinícius:

The W3C CSS Validation Service
 W3C CSS Validator results for external_Vinicius.css (CSS level 3 + SVG)

Jump to: [Warnings \(39\)](#) [Validated CSS](#)

W3C CSS Validator results for external_Vinicius.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
  </a>
</p>
```



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
  </a>
</p>
```

(close the img tag with > instead of /> if using HTML <= 4.01)



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[Donate](#) and help us build better tools for a better web.

If you like, you can download a copy of this image to keep in your local web directory, and change the XHTML fragment above to reference your local image rather than the one on this server.

If you would like to create a link to this page (i.e., this validation result) to make it easier to re-validate this page in the future or to allow others to validate your page, the URI is:

```
http://jigsaw.w3.org/css-validator/validator$link
or
http://jigsaw.w3.org/css-validator/check/referer (for HTML/XML document only)
```

(Or, you can just add the current page to your bookmarks or hotlist.)

+ TOP

[Warnings \(39\)](#)

External_css

The W3C CSS Validation Service
 W3C CSS Validator results for external.css (CSS level 3 + SVG)

Jump to: [Warnings \(57\)](#) [Validated CSS](#)

W3C CSS Validator results for external.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
  </a>
</p>
```



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
  </a>
</p>
```

(close the img tag with > instead of /> if using HTML <= 4.01)



Interested in "developing" your developer skills? In W3Cx's hands-on Professional Certificate Program, learn how to code the right way by creating Web sites and apps that use the latest Web standards. [Find out more!](#)

[Donate](#) and help us build better tools for a better web.

If you like, you can download a copy of this image to keep in your local web directory, and change the XHTML fragment above to reference your local image rather than the one on this server.

If you would like to create a link to this page (i.e., this validation result) to make it easier to re-validate this page in the future or to allow others to validate your page, the URI is:

```
http://jigsaw.w3.org/css-validator/validator$link
or
http://jigsaw.w3.org/css-validator/check/referer (for HTML/XML document only)
```

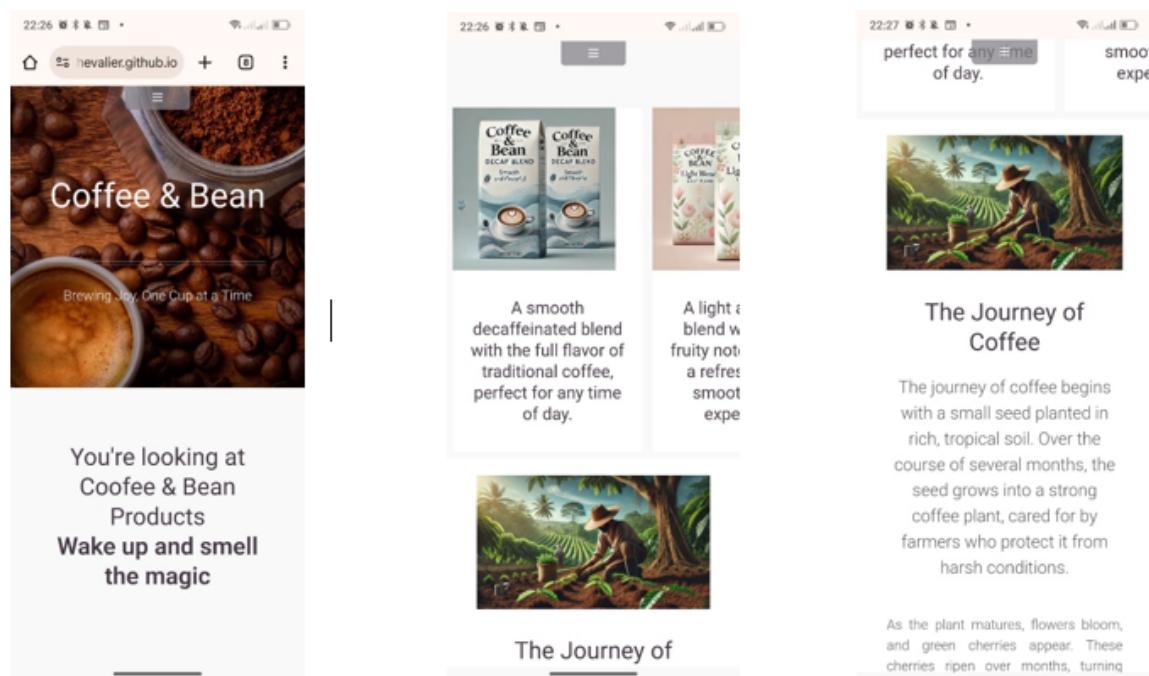
(Or, you can just add the current page to your bookmarks or hotlist.)

+ TOP

[Warnings \(57\)](#)

4.4.3. Responsive Validation

Index



Coffee & Bean

Brewing Joy, One Cup at a Time

You're looking at Coofee & Bean Products Wake up and smell the magic

A smooth decaffeinated blend with the full flavor of traditional coffee, perfect for any time of day.

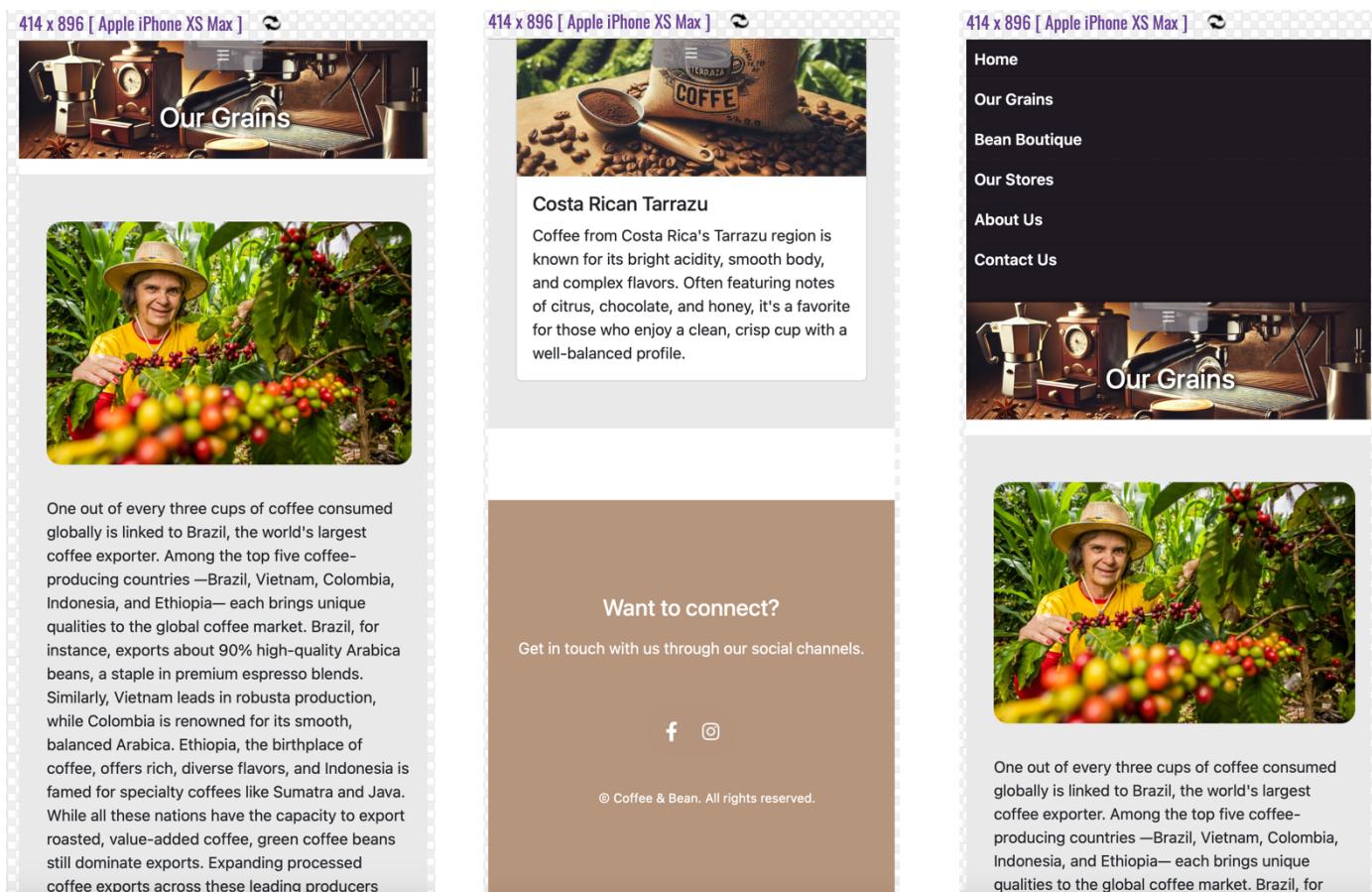
A light & blend w fruity not a refre smoot expe

The Journey of Coffee

The journey of coffee begins with a small seed planted in rich, tropical soil. Over the course of several months, the seed grows into a strong coffee plant, cared for by farmers who protect it from harsh conditions.

As the plant matures, flowers bloom, and green cherries appear. These cherries ripen over months, turning

Our Grains



414 x 896 [Apple iPhone XS Max]

Our Grains

Costa Rican Tarrazu

Coffee from Costa Rica's Tarrazu region is known for its bright acidity, smooth body, and complex flavors. Often featuring notes of citrus, chocolate, and honey, it's a favorite for those who enjoy a clean, crisp cup with a well-balanced profile.

Want to connect?

Get in touch with us through our social channels.

f @

© Coffee & Bean. All rights reserved.

Home

Our Grains

Bean Boutique

Our Stores

About Us

Contact Us

Our Grains

One out of every three cups of coffee consumed globally is linked to Brazil, the world's largest coffee exporter. Among the top five coffee-producing countries—Brazil, Vietnam, Colombia, Indonesia, and Ethiopia—each brings unique qualities to the global coffee market. Brazil, for instance, exports about 90% high-quality Arabica beans, a staple in premium espresso blends. Similarly, Vietnam leads in robusta production, while Colombia is renowned for its smooth, balanced Arabica. Ethiopia, the birthplace of coffee, offers rich, diverse flavors, and Indonesia is famed for specialty coffees like Sumatra and Java. While all these nations have the capacity to export roasted, value-added coffee, green coffee beans still dominate exports. Expanding processed coffee exports across these leading producers

Beans Boutique



Discover our extensive range of premium coffee products, available at our stores throughout Dublin.



Our Blend

A smooth and balanced blend of rich flavors, perfect for any time of day.

€19.99

Discover our extensive range of premium coffee products, available at our stores throughout Dublin.



Tarrazu Beans

From the Tarrazu region in Costa Rica, these beans offer a smooth cup with a balance of acidity and sweetness.

€18.99

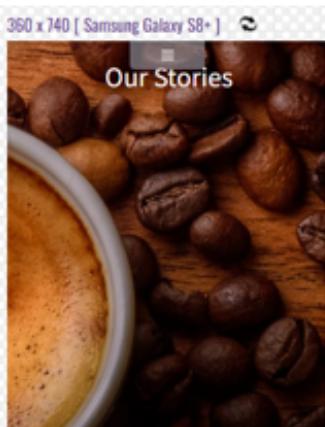
Want to connect?

Get in touch with us through our social channels.



© Coffee & Bean. All rights reserved.

Our Stores



Coffee Bean Grand Canal
32-34 Grand Canal Street Lower, Grand Canal Dock



Coffee Bean Drury Street

Find Our Stores

Select a store

Dublin



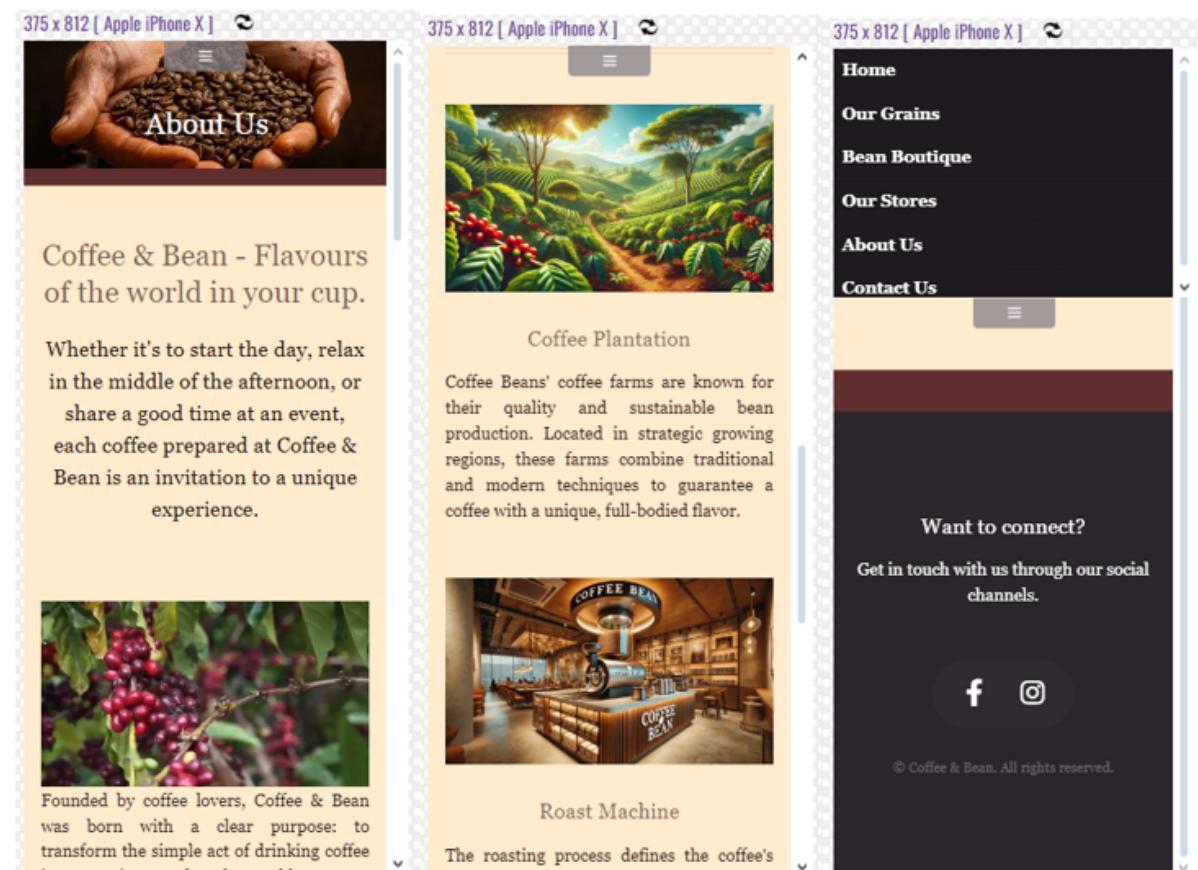
Coffee Bean William
50 William St, Dublin, D02 DE93

Open hours

- SUN: Closed
- MON: 09:00 - 18:00
- TUE: 09:00 - 18:00
- WED: 09:00 - 18:00
- THU: 09:00 - 18:00
- FRI: 09:00 - 20:00
- SAT: 10:00 - 16:00

Status: **Closed**

About Us



Screenshot 1: Home Page

The header features the NCI logo and a navigation bar with links: Home, Our Grains, Bean Boutique, Our Stores, About Us (which is underlined), and Contact Us.

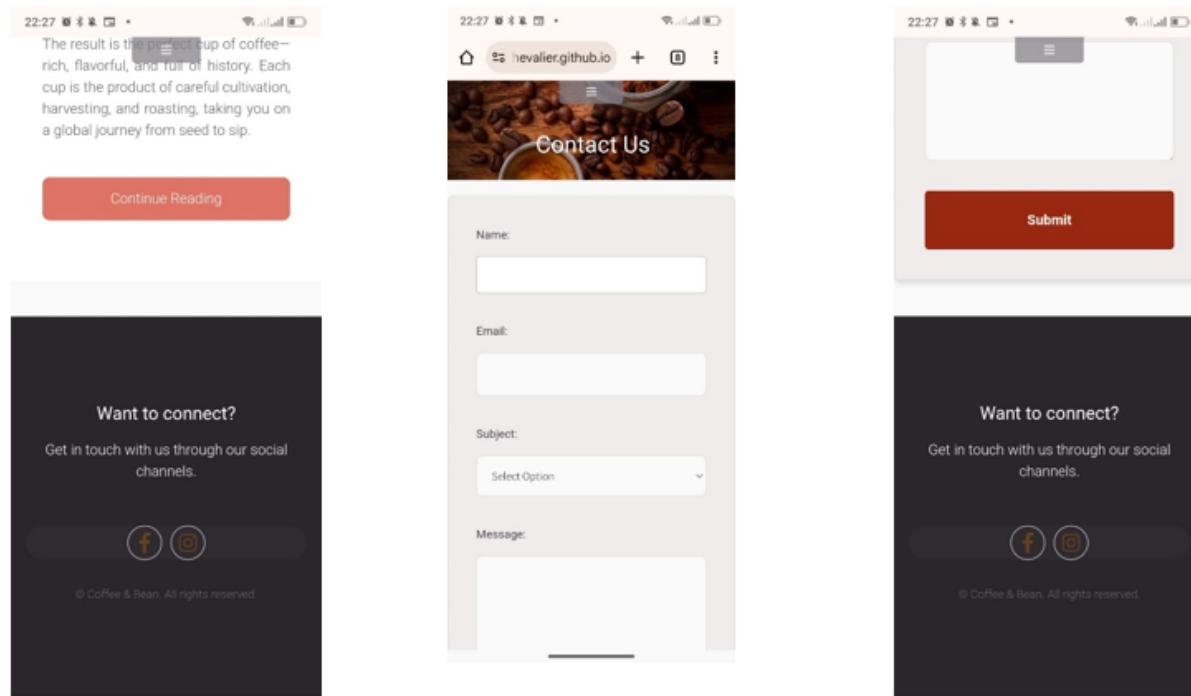
Screenshot 2: About Us Page

The page title is "About Us". It includes a large image of hands holding coffee beans and a detailed description of the coffee-making process.

Screenshot 3: Contact Us Page

The page title is "Want to connect?". It features a "Contact Us" section with fields for Name, Email, Subject, and Message, and a "Submit" button.

Contact Us



Screenshot 1: About Us Page (Continued)

The page continues with a section about the roasting process and a "Continue Reading" button.

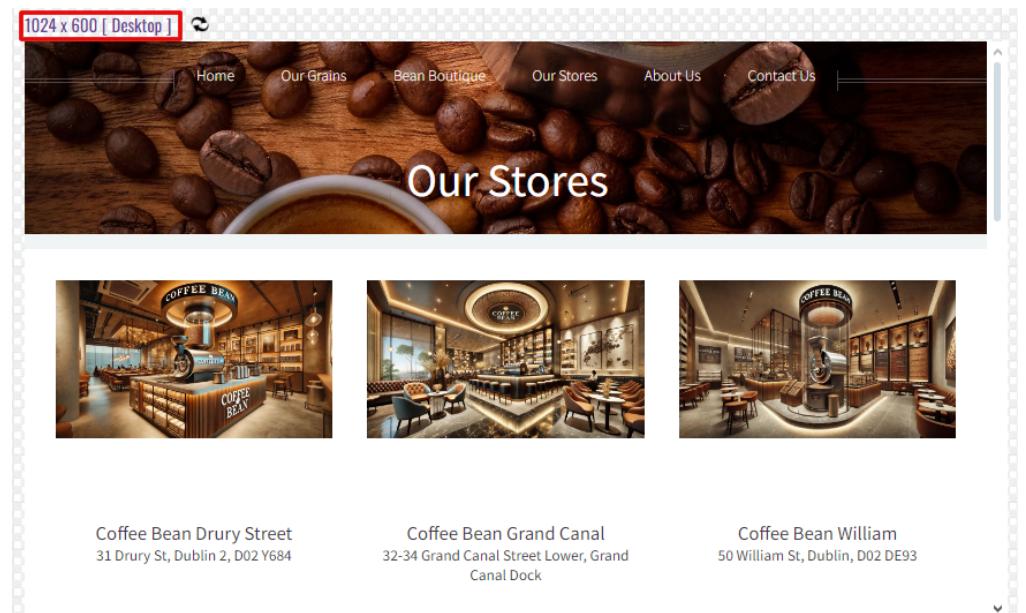
Screenshot 2: Contact Us Form

A screenshot of a browser showing a contact form with fields for Name, Email, Subject, and Message, and a "Submit" button.

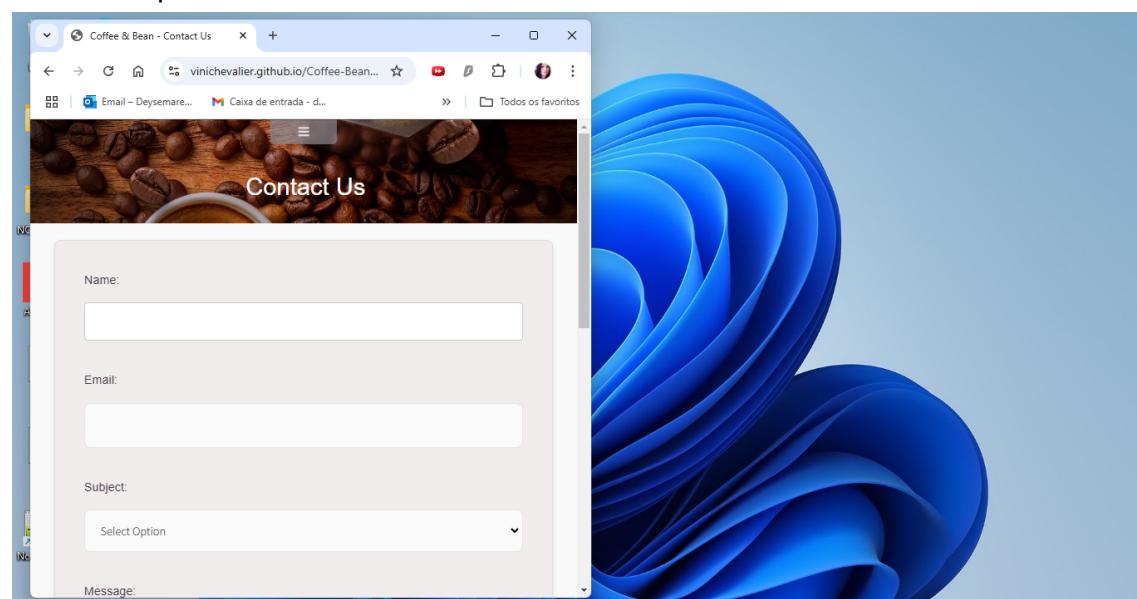
Screenshot 3: Footer and Social Media

The footer includes a "Want to connect?" section, social media icons for Facebook and Instagram, and copyright information: © Coffee & Bean. All rights reserved.

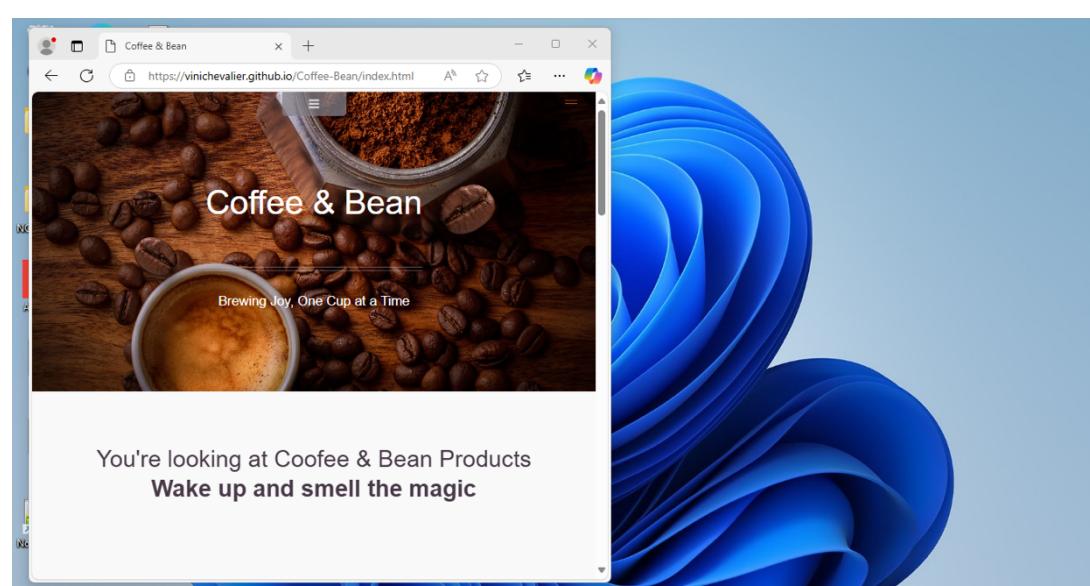
Validation performed on Desktop 1024x768.



Validation performed on Chrome Browser



Validation performed on Edge



4.4.4. Speed Validation

Screenshot of the GTmetrix website showing the latest performance report for <https://vinichevalier.github.io/Coffee-Bean/beanBoutique.html>.

GTmetrix Grade: B

Web Vitals:

Performance	Structure	Largest Contentful Paint	Total Blocking Time	Cumulative Layout Shift
94%	82%	360ms	0ms	0.15

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

Report generated: Thu, Dec 5, 2024 8:45 PM -0800
 Test Server Location: Vancouver, Canada
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

GTmetrix sidebar options: Re-Test, Compare, Page Settings, Monitor, Set Up Alerts, Tags, Share.

Screenshot of the PageSpeed Insights website showing the report from 5 Dec 2024, 22:51:50 for <https://vinichevalier.github.io/Coffee-Bean/>.

Report Summary:

- Mobile: 73
- Desktop: 73
- Best Practices: 96
- SEO: 100

Discover what your real users are experiencing: No data

Diagnose performance issues:

PageSpeed Insights

Report from 5 Dec 2024, 22:58:46

<https://vinichevalier.github.io/Coffee-Bean/contactUs.html>

Mobile Desktop

Discover what your real users are experiencing No data

Diagnose performance issues

 78	 74	 96	 98
Performance	Accessibility	Best Practices	SEO

Criação do relatório: 6 de dez. de 2024, 05:37:51

<https://vinichevalier.github.io/Coffee-Bean/ourStores.html>

Celular Computador

Entender a experiência dos seus usuários Nenhum dado

Diagnosticar problemas de desempenho

 53	 70	 100	 100
Desempenho	Acessibilidade	Práticas recomendadas	SEO



Desempenho

Os valores são estimados e podem variar. O índice de desempenho é calculado diretamente por essas métricas. [Ver calculadora.](#)

▲ 0-49 ■ 50-89 ● 90-100



Abrir visualização

MÉTRICAS

● First Contentful Paint 0,7 s	■ Largest Contentful Paint 2,4 s
▲ Total Blocking Time 1.300 ms	■ Cumulative Layout Shift 0,119
■ Speed Index 1,4 s	

Captured at 6 de dez. de 2024, 05:37 GMT
Carregamento inicial da página

Área de trabalho emulada com Lighthouse 12.2.3
Limitação personalizada

Sessão de uma única página
Using HeadlessChromium 131.0.6778.69 with Ir

[Ver Treemap](#)

Criação do relatório: 6 de dez. de 2024, 05:43:28

<https://vinichevalier.github.io/Coffee-Bean/aboutUs.html>

Celular Computador

Entender a experiência dos seus usuários Nenhum dado

Diagnosticar problemas de desempenho



Desempenho

Os valores são estimados e podem variar. O índice de desempenho é calculado diretamente por essas métricas. [Ver calculadora.](#)

▲ 0–49 ■ 50–89 ● 90–100



Acessibilidade



Práticas recomendadas



SEO

Desempenho

2,9 s

MÉTRICAS

- First Contentful Paint
- ▲ Largest Contentful Paint



[Abrir visualização](#)

GTmetrix

Latest Performance Report for:
<https://vinichevalier.github.io/Coffee-Bean/ourGrains.html>

Report generated: Fri, Dec 6, 2024 3:16 AM -0800
 Test Server Location: CA Vancouver, Canada
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

GTmetrix Grade A 94% 83%

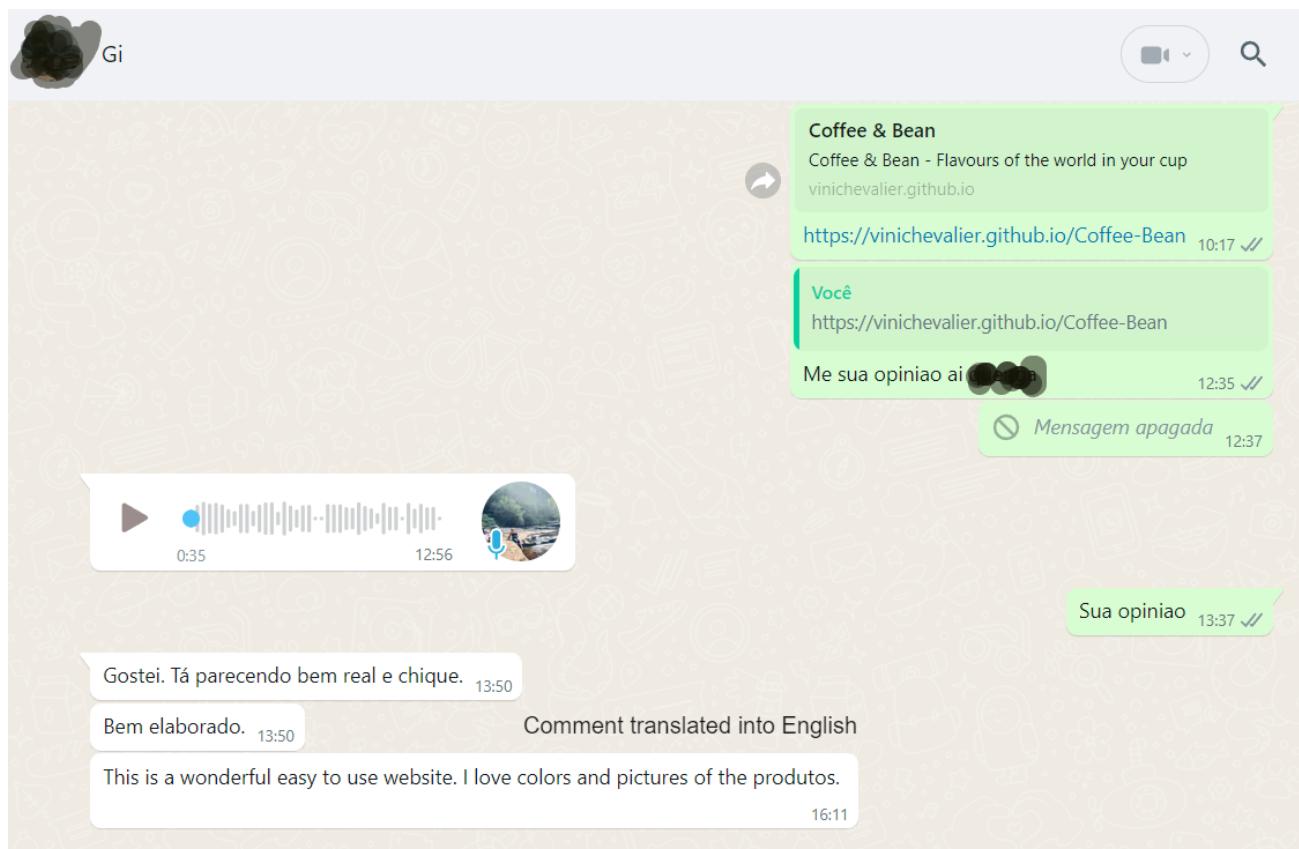
Web Vitals Largest Contentful Paint: 409ms Total Blocking Time: 8ms Cumulative Layout Shift: 0.15

Speed Visualization

Cookie Policy

By clicking "Allow All" you agree to the storing of cookies on your device to enhance site navigation, analyze site usage, and assist in our marketing efforts. [View cookie details](#)

5. Reviews



Gi

Coffee & Bean
Coffee & Bean - Flavours of the world in your cup
[vinichevalier.github.io](https://vinichevalier.github.io/Coffee-Bean)

<https://vinichevalier.github.io/Coffee-Bean> 10:17 ✓

Você
<https://vinichevalier.github.io/Coffee-Bean>

Me sua opiniao ai [REDACTED] 12:35 ✓

[REDACTED] Mensagem apagada 12:37

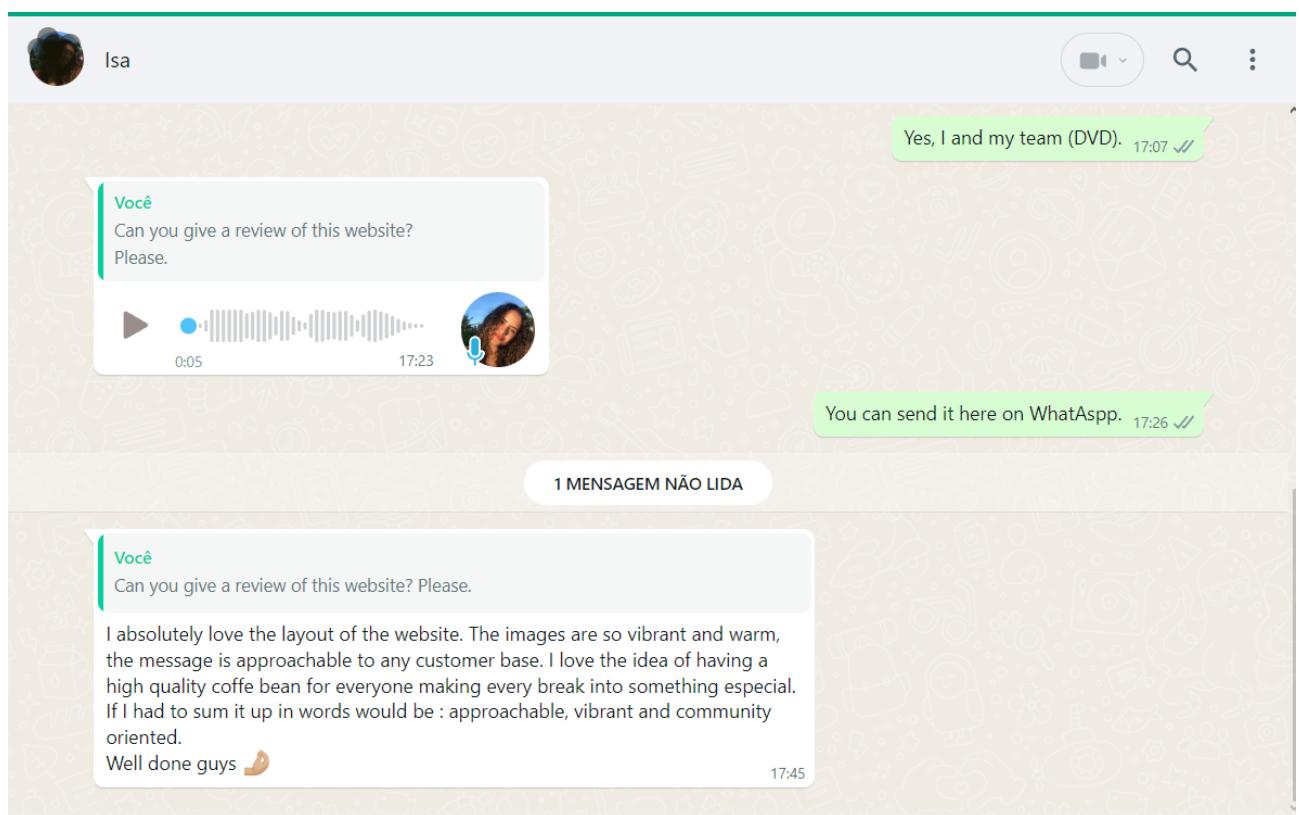
Sua opiniao 13:37 ✓

Gostei. Tá parecendo bem real e chique. 13:50

Bem elaborado. 13:50

Comment translated into English

This is a wonderful easy to use website. I love colors and pictures of the products. 16:11



Isa

Você
Can you give a review of this website?
Please.

[\[REDACTED\]](#) 0:05 17:23

Yes, I and my team (DVD). 17:07 ✓

You can send it here on WhatsApp. 17:26 ✓

1 MENSAGEM NÃO LIDA

Você
Can you give a review of this website? Please.

I absolutely love the layout of the website. The images are so vibrant and warm, the message is approachable to any customer base. I love the idea of having a high quality coffee bean for everyone making every break into something especial. If I had to sum it up in words would be : approachable, vibrant and community oriented.

Well done guys 🍀 17:45

6. Conclusion

The Coffee & Bean project exemplifies a successful collaboration between team members, blending creativity, technical expertise, and a shared passion for coffee culture. By identifying a gap in providing an engaging, user-friendly platform for coffee enthusiasts, we designed and implemented a website that bridges this gap while showcasing the rich history and significance of coffee.

Throughout the process, we applied industry-standard tools and methodologies, including Bootstrap for responsive design, jQuery for interactivity, and JavaScript for functionality enhancements. The integration of features like real-time form validation, dynamic navigation, and a visually cohesive design highlights our dedication to creating a seamless user experience.

Moreover, our teamwork was instrumental in overcoming challenges, ensuring consistent styling, debugging, and meeting deadlines through effective task distribution and communication. This project provided valuable insights into modern web development practices and reinforced the importance of user-centric design in creating impactful digital solutions.

The final website not only reflects our technical skills but also embodies our commitment to innovation and quality. We are proud to have created a platform that invites users into the world of coffee while meeting the project's objectives and adhering to the principles of effective web design.

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