

Technical Testing & Validation Report – Car Meet Website

1. Process Testing (Based on IPO Chart)

This section outlines each tested feature of the website, verifying that expected outputs are achieved and identifying issues where applicable.

Tested Action	GitHub Commit ID	Expected Output	Actual Output	Pass/Fail	Notes
Homepage navigation links	15668ed	All links redirect to the correct internal pages	All links are working as expected	Pass	—
Images load correctly in the gallery	15668ed	Gallery loads all images for each car meet	Images displayed correctly	Pass	—
Meet-ups listed with correct info	15668ed	Meet-up list displays date, time, location, and description	Content shown properly	Pass	—
Calendar visibility/responsiveness	15668ed	The calendar should resize correctly on mobile devices. It		Pass	—

		shall also display the meetups planned.			
Contact form	15668ed	Allows users to fill in the contact form	Form present and allows users to write in the contact form and press submit.	Pass	—
Navbar consistency (Meet-ups page)	15668ed	Navbar design and font match other pages	Font differs from the rest of the site	Fail	Use consistent CSS stylesheets across all pages to ensure design uniformity.
User comments on a post	15668ed	The user is allowed to comment on another user's post	The user can comment, but does not have a submit button	Fail	Requires a submit button to send the comment.
User registers an account	15668ed	The user can log in and interact	Feature implemented	Pass	—

2. Code Validation

To validate your code, find an online HTML or CSS validator. Paste your HTML or CSS into the validator's input field and click check. The tool will scan your file and display any errors or suggestions. Finally, review the list of issues it provides and correct them in Visual Studio Code.

The code was validated using the following tools:

- **HTML Validation:** [W3C HTML Validator](#)

- CSS Validation: [W3C CSS Validator](#)

HTML Validation:

All HTML files were uploaded to the W3C HTML Validator. Minor syntax issues like unclosed tags or improper attribute quotations were resolved.

About Us.html:

- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 4, column 3; to line 4, column 26
`<head><meta charset="UTF-8" /><me`
- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 5, column 3; to line 5, column 72
`F-8" /><meta name="viewport" content="width=device-width, initial-scale=1" /><ti`
- Error** No space between attributes.
At line 7, column 87
`strap.min.css"rel="stylesheet`
- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 7, column 3; to line 7, column 104
`/title><link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"rel="stylesheet"/><li`
- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 8, column 3; to line 8, column 46
`heet"/><link rel="stylesheet" href="Aboutus.css" /></hea`
- 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 41, column 9; to line 41, column 38
`>`

Meet Ups.html:

- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 4, column 3; to line 4, column 26
`<head><meta charset="UTF-8" /><me`
- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 5, column 3; to line 5, column 74
`F-8" /><meta name="viewport" content="width=device-width, initial-scale=1.0" /><ti`
- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 7, column 3; to line 7, column 47
`/title><link rel="stylesheet" href="meet-ups.css" /><li`
- Info** Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).
From line 8, column 3; to line 8, column 106
`css" /><link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/css/bootstrap.min.css" rel="stylesheet" /></hea`

CSS Validation:

CSS files were validated, and a few warnings were addressed, such as color contrast and deprecated units.

About Us.css:

Jump to: [Validated CSS](#)

W3C CSS Validator results for [Aboutus.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)

Meet up.css:

Jump to: [Validated CSS](#)

W3C CSS Validator results for meet-ups.css (CSS level 3 + SVG)

Congratulations! No Error Found.

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

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3. Current Issues and Enhancements

Known Issues:

- Navbar Font Mismatch on Meet-ups Page: The navigation bar font on the meet-ups page is inconsistent with the rest of the site.
- Comment form has no submit Button: Lacks the submit button.

Suggested Fixes:

- Standardize CSS styles for navigation elements across all pages.
- Add a submit button for the comments section.

Future Enhancements:

- Improved Visual Design: The overall site design could be refined to reflect a polished car enthusiast platform better.
- Add More Navigation Tabs: Include tabs such as “My Garage,” “Tuning Tips,” or “Merchandise” for more user engagement.
- User Profile Customization: Allow users to customize their profiles or upload vehicle info.
- Dark Mode Option: Integrate theme switching for accessibility and user preference.

