Validation Screenshots

HTML, CSS, JavaScript, Python

HTML Validation

Using W3C HTML Validator: https://validator.w3.org

Welcome Page

Link in validator:

https://validator.w3.org/nu/?doc=https%3A%2F%2Fbirdcount-cff31e785337.herokuapp.com%2F

Nu Html Checker

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

Showing results for https://birdcount-cff31e785337.herokuapp.com

Checker Input

Show ☑ source ☐ outline ☐ image report   Options…

Check by [address ▾]

https://birdcount-cff31e785337.herokuapp.com

Check

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

Message Filtering

Document checking completed. No errors or warnings to show.

About Page

Link in validator:

https://validator.w3.org/nu/?showsource=yes&doc=https%3A%2F%2Fbirdcount-cff31e785337.herokuapp.com%2Fabout%2F

Nu Html Checker

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

Showing results for https://birdcount-cff31e785337.herokuapp.com/about/

Checker Input

Show ☑ source ☐ outline ☐ image report   Options…

Check by [address ⌄]

https://birdcount-cff31e785337.herokuapp.com/about/

[Check]

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

[Message Filtering]

Document checking completed. No errors or warnings to show.

Community Observations Page

Link in validator:

https://validator.w3.org/nu/?showsource=yes&doc=https%3A%2F%2Fbirdcount-cff31e785337.herokuapp.com%2Fget_observations%2F

Nu Html Checker

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

Showing results for https://birdcount-cff31e785337.herokuapp.com/get_observations/

Checker Input

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

Check by address ⌄

https://birdcount-cff31e785337.herokuapp.com/get_observations/

Check

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

Message Filtering

Document checking completed. No errors or warnings to show.

Add Observation Page

Used page source to fill text input field in validator

Edit Observation Page

Used page source to fill text input field in validator

My Nest Page

Used page source to fill text input field in validator

Admin Nest Page

Used page source to fill text input field in validator

Login Page

Link in validator:

https://validator.w3.org/nu/?showsource=yes&doc=https%3A%2F%2Fbirdcount-cff31e785337.herokuapp.com%2Flogin%2F#l111c18

Nu Html Checker

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

Showing results for https://birdcount-cff31e785337.herokuapp.com/login/

Checker Input

Show ☑ source ☐ outline ☐ image report   Options…

Check by [address ▾]

https://birdcount-cff31e785337.herokuapp.com/login/

Check

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

Message Filtering

Document checking completed. No errors or warnings to show.

Register Page

Link in validator:

https://validator.w3.org/nu/?showsource=yes&doc=https%3A%2F%2Fbirdcount-cff31e785337.herokuapp.com%2Fregister%2F#l111c18

Nu Html Checker

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

Showing results for https://birdcount-cff31e785337.herokuapp.com/register/

Checker Input

Show ☑ source ☐ outline ☐ image report [Options…]

Check by [address ▾]

[https://birdcount-cff31e785337.herokuapp.com/register/]

[Check]

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

[Message Filtering]

Document checking completed. No errors or warnings to show.

404 Page

Used page source to fill text input field in validator

Python Validation

Using PEP8 Python Linter: https://pep8ci.herokuapp.com

App.py

CI Python Linter

```python
737  @app.route("/edit_user_visibility", strict_slashes=False)
738  @app.route("/edit_user_visibility/<user_id>", methods=["GET", "POST"])
739  def edit_user_visibility(user_id):
740      """
741      User 'visible' field is updated in the document that has an '_id' that
742      matches the user_id passed into the function.
743
744      All observations whose 'seen_by' field matches the username of the user_id
745      will be updated with the new visibility data.
746
747      Parameters:
748          user_id (str): a unique string.
749      """
750      if request.method == "POST":
751          # Set user data.
752          user = user_id
753          username = session["user"]
754
755          # Get visibility settings from form.
756          visible = request.form.get("visibility-switch")
757          # Edit values of 'visible' depending on form data.
758          if visible == "on":
759              visible = True
760          else:
761              visible = False
762          # Update the user with the new visbility setting.
763          db.users.update_one(
764              {'_id': ObjectId(user)},
765              {'$set': {'visible': visible}}
766          )
767          # Update all observations by this user with new visibility setting.
768          db.observations.update_many(
769              {'seen_by': username},
770              {'$set': {'visible': visible}}
```

Settings:

Results:

All clear, no errors found

JavaScript Validation

Using JS Hint: https://jshint.com/

Script.js

```javascript
1   /* jshint esversion: 11 */
2   /* global $ */
3   /* global M */
4
5   let date = new Date();
6   let year = date.getFullYear();
7   let month = date.getMonth();
8   let day = date.getDate();
9   let minOne = new Date(year, month, day);
10
11  // -------------- Execute when page is ready --------------
12  $(document).ready(function () {
13    // Automatically initialise materialize
14    M.AutoInit();
15
16    // Activate sidebar navigation for mobile view
17    $(".sidenav").sidenav({ edge: "right" });
18
19    // Activate dropdown for navbar
20    $(".dropdown-trigger").dropdown();
21
22    // Activate the dropdown select input for experience field
23    $("select").formSelect();
24
25    // Activate the collapsible messages board
26    $(".collapsible").collapsible();
27
28    // Activate tooltips
29    $(".tooltipped").tooltip();
30
31    // Activate the date picker for adding observations
```

CONFIGURE

Metrics

There are 14 functions in this file.

Function with the largest signature take 1 arguments, while the median is 1.

Largest function has 16 statements in it, while the median is 3.

The most complex function has a cyclomatic complexity value of 4 while the median is 1.

JSHint
version 2.13.6

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CSS Validation

Using CSS Jigsaw Validator: https://jigsaw.w3.org/css-validator

Style.css

Link in validator:

https://jigsaw.w3.org/css-validator/validator?uri=https%3A%2F%2Fbirdcount-cff31e785337.herokuapp.com%2F&profile=css3svg&usermedium=all&warning=1&vextwarning=&lang=en