

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

Check by

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

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>

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

Checker Input

Show ☒ source ☐ outline ☐ image report

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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

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

Checker Input

Show ☒ source ☐ outline ☐ image report

Check by address ▾

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Add Observation Page

Used page source to fill text input field in validator

Nu Html Checker

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Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by ☐ css

```
<!-- Only allow users who are logged in and not the admin to view this content-->

<div class="background-img">
  <!-- Add observation form -->
  <div class="add-observation-container row">
    <form class="col s12 m8 l8 margin-auto" method="POST" action="/add_observation/"
    enctype="multipart/form-data">
      <div class="card-panel">
        <!-- Page heading -->
        <h3 class="center-align">New Observation</h3>
        <!-- Input field for bird species -->
        <div id="bird-species-add" class="row autocompleteBird">
          <div class="input-field col s12 autocompleteBird">
            <i class="fa-solid fa-crow prefix"></i>
```

[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.

Edit Observation Page

Used page source to fill text input field in validator

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Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report

Check by ☐ css

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description"
    content="Bird Count is a helpful tool to help you keep track of your bird sightings and to get inspired by what others are spotting nearby.">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css"
    integrity="sha512-DTOQ09RWCH3ppGqcWaEA1BIZOC6xxalwEsw9c2QQeAIf1l+Vegovlnee1c9QX4TctnWm13TZe+giMm8e2LwA=="
    crossorigin="anonymous" type="text/css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css"
    type="text/css">
  <link rel="stylesheet" href="/static/css/style.css">
```

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Document checking completed. No errors or warnings to show.

My Nest Page

Used page source to fill text input field in validator

Nu Html Checker

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Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by ☐ css

```
<h6 class="username-drop">
  Hi, pinkballoon!
</h6>
</li>
<li><a aria-label="Look in 'My Nest' for details about your recorded observations"
  href="/my_nest/">My Nest</a></li>
<li><a aria-label="Log out of your account" href="/logout/">Log Out</a></li>

</ul>
<!-- Top navbar -->
<nav>
  <div class="nav-wrapper">
    <a aria-label="Return to 'welcome' page" href="/" class="brand-logo"
      id="logo-container">
      
```

[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.

Admin Nest Page

Used page source to fill text input field in validator

Nu Html Checker

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Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by ☐ css

```
</head>
<body>
  <header>
    <!-- Dropdown section of navbar -->
    <ul id="full-nav-dropdown" class="dropdown-content">
      <li class="no-link">
        <div class="avatar-drop-container">
          
        </div>
        <h6 class="username-drop">
          Hi, admin!
        </h6>
```

[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.

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

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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

Check by

<https://birdcount-cff31e785337.herokuapp.com/register/>

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

Document checking completed. No errors or warnings to show.

404 Page

Used page source to fill text input field in validator

Nu Html Checker

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

Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by ☐ css

```
<div id="error-page-conatainer">
  <div class="card-panel" id="error-card">
    <h2>Did you get lost?</h2>
    <p>You shouldn't be here... let's get you back to the flock.</p>
    <a aria-label="Go Home to return to the welcome page." class="btn-small" href="/">
      Go Home
    <i class="fa-solid fa-house"></i>
    </a>
    <p> 404 Error </p>
  </div>
</div>

</main>
<footer>
```

[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.

Python Validation

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

App.py



CI Python Linter

```
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 visibility 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}}
771         )
```

Settings:



Results:

All clear, no errors found

JavaScript Validation

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

Script.js

```
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.

JS Hint

version 2.13.6

[About](#)

[Documentation](#)

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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>

**The W3C CSS Validation Service**
W3C CSS Validator results for <https://birdcount-cff31e785337.herokuapp.com/> (CSS level 3 + SVG)

[Jump to:](#) [Errors \(2\)](#) [Warnings \(553\)](#) [Validated CSS](#)

W3C CSS Validator results for <https://birdcount-cff31e785337.herokuapp.com/> (CSS level 3 + SVG)


Sorry! We found the following errors (2)

URI : <https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css>

6 .fa-rotate-by `var(--fa-rotate-angle, none)` is not a `transform` value: `rotate(var(--fa-rotate-angle, none))`

URI : <https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css>

13 .table-of-contents a Value Error : letter-spacing only `e` can be a `unit`. You must put a unit after your number : `e.4`



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Warnings (553)

URI : <https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css>