SAVE THE MONARCHS

DAE Module 8 Final Project

TEAM

- Diane Halligan: FE Web Developer

- Desiree Girotto: FE Web Developer

SAVE THE MONARCHS

The purpose of our (informational) website is to bring awareness to the plight of the monarch butterfly and to educate and inform about the life cycle and habitats of the monarchs.

It includes solutions how you can do your part to help.

Introduction

Our website is a collaborative project based on a shared interest.   We used our cumulative skills to create a website that is informational, colorful, and brings attention to the detrimental demise of the monarch butterfly.

More than beautiful, monarch butterflies contribute to the health of our planet.

Startling Statistics

In July 2022, the International Union for Conservation of Nature (IUCN) re-classified the migratory monarch butterfly as endangered on its "red list." It had previously been classified as declining.

From 1996 to 2020, the **eastern monarch population** dropped 88 percent, from an estimated 383 million to just under 45 million.

Since the 1980s, the **western overwintering population** has dropped more than 99 percent, from 4.5 million to 1,914 monarchs.

Team Roles & Responsibilities

Diane Halligan

- Researched, designed & coded the **Home Page**, including the navigation bars & footers.
- Designed & coded the **Blog Page**
- Researched, designed & coded **Plants Page**
- Set-up the Trello page

Desiree Girotto

- Researched, designed & coded the **Migration Page**
- Researched, designed & coded **Lifecycle Page**. Created Lifecycle Page in JavaScript
- Created placeholder page for the **Resource Page**
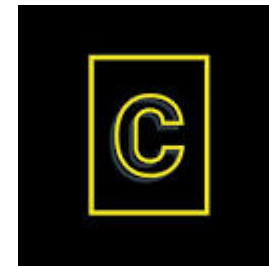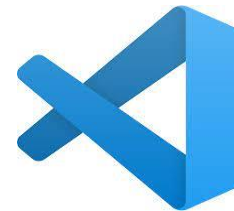- Wrote a piece for the Blog Page

DESIGN PROCESS

- Decided on our topic

- Discussed color scheme

- Settled on a layout

- Split duties by webpages

- Learned how to use Trello

- Continuation of learning coding

- Created design features not done in previous modules

  Examples: video background page and a carousel page

Design Tools Used

Front-End

Tools

Trello Workspace Board

Example of Homepage HTML Code

```html
<div class="video-text-container">
      <video width="100%" height="" muted="" preload="&quot;yes&quot;" autoplay="autoplay" loop="loop">
        <source src="videos/190408_08_MonarchButterfly_1_09.lnk" type="video/mp4" >
      </video>
  </div>

  <div id="overlay-text">
      <div id="opaque-box">
          <h1>Save The Monarchs</h1>
          <p>In July 2022, the International Union for Conservation of Nature (IUCN) re-classified the
migratory monarch butterfly as endangered on its "red list." It had previously been classified as
declining.
          The monarch butterfly, probably the world's best-known butterfly, has become the symbol
for a whole class of imperiled pollinators.
          A monarch butterfly can travel up to 3,000 miles during fall migration. But the
spectacular fall flight of millions of monarchs is threatened by loss of habitat in overwintering areas
and throughout breeding and migration areas.
          In recent decades, numbers of North American monarchs have plummeted. Both the eastern
population (which overwinters in Mexico) and the western population (which overwinters in California) are
down. Status reports are based on annual counts at overwintering sites. From 1996 to 2020, the eastern
monarch population dropped 88 percent, from an estimated 383 million to just under 45 million.
          Since the 1980s, the western overwintering population has dropped more than 99 percent,
from 4.5 million to 1,914 monarchs.
          The Service is working with federal and state agencies, tribes and non-government groups
to conserve monarchs. These efforts involve engaging the public in creating and restoring habitat for
monarchs and other pollinators.</p>
      </div>
  </div>
}
```

Example of Homepage CSS Code

```css
#video-text-container {
    position: relative;
}
  #overlay-text {
    position: absolute;
    font-size: 20px;
    top: 150px;
    left: 10%;
    width: 80%;
    line-height: 1.5;
    display: block;
    z-index: 1;
}
  #opaque-box {
    background-color: white; /* This will set the background color to opaque white */
    opacity: 80%;
    padding: 20px; /* This will add some padding to the text */
    text-align: center;
    position: absolute; /* This sets the position of the element to absolute */

}
```

DEMO

https://github.com/CygnusX123/MonarchProjectFinal

Summary

If time permitted, we would have liked to add more substantial data, fixed some layout issues, and created links to other websites. We did not include some of our creative ideas due to time constraints. We are going to try to continue this project together after graduation provided life does not get in the way.

THANK YOU

Diane Halligan

& Desiree Girotto