Explore the Universe

Version <5.0>

Join Us	Version <3.0>
	Date : 5/13/16

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Time Log

		Estimated time to complete assignment =>	20 Hours	

Date	Time Spent (in hours)	Description	Author	Role
4/11/16	1	Initial files set up	Jack Roach	Project Manager
4/12/16	.5	Sitemap created	"	Project Manager
4/15/16	2	Brainstorming Ideas	"	Content Developer
4/15/16	1	Beginning CSS	"	Web Designer
4/23/16	.5	Adjusting files and meta data	"	Project Manager & Lead Developer
4/26/16	4	CSS for Basic Website Layout (Nav, header, body, etc)	"	Web Designer
4/26/16	2	CSS for specific pages	"	Web Designer
4/27/16	1	Initial code for Form	"	Lead Developer
4/28/16	.5	CSV code In place	"	Lead Developer
5/1/16	3	Additional CSS	"	Web Designer
5/2/16	2	CSS editing and adjustments	"	Web Designer
5/3/16	1	Html for explore and pictures pages	"	Content Developer
5/3/16	5	Php for explore and pictures pages	"	Lead Developer
5/3/16	4	CSS for explore and pictures pages	"	Web Designer
5/3/16	3	Images and content for data pages	"	Content Developer
5/4/16	1	CSS	"	Web Designer
5/7/16	2	CSS	"	Web Designer
5/10/16	1	Html for Index and other pages	"	Content Developer
5/10/16	3	CSS for index and other pages (php submission page)	"	Web Designer
5/11/16	.5	Sitemap adjustments	"	Lead Developer

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5/11/16	.5	Files adjustments + Meta tags	"	Project Manager & Lead Developer
5/12/16	4	Content for explore page	"	Content Developer
5/12/16	1	Content for Learn More page	"	Content Developer
5/12/16	2	Content for Facts page	"	Content Developer
5/12/16	2	CSS for facts and learn more page	"	Web Designer
5/12/16	1	Form Content	"	Content Developer
5/12/16	.5	Making sure code is W3 Valid	"	Quality Assurance
	49 hours	<=Total Time Spent	"	Lead Developer

Introduction

Purpose

The purpose of this website is to allow people to gain a basic understanding and knowledge of some of the aspects of our universe. It will display multiple descriptions explaining different types of things that exist in the universe beyond our earth. It will also include a few miscellaneous facts relating to the universe in the hopes of sparking curiosity within site viewers. Pictures will be displayed for the purpose of showing how interesting the universe can be beyond our earth, and how beautiful it can be. It will also provide resources to other websites whose focus is on astronomy and the universe to allow people to seek out more information if they gain the desire to learn more.

Scope

This project will mainly consist of basic facts about the universe. It will be simplistic enough for almost anyone to be able to understand, and can have any amount of information. It will begin by displaying 10 main key concepts and a few facts. It will also contain several pictures, multiple facts, and multiple resources for further research. It will also contain a form designed to collect information on website visitors.

Definitions, acronyms, and abbreviations

HTML – Hypertext markup language – used to define your content.
PHP – Personal Home Page – language that helps to customize html.
CSS – Cascading Style Sheets – used to define the look of a web site.
W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:
http://validator.w3.org/
with the CSS validator located at:
http://jigsaw.w3.org/css-validator/

Overall Description

Overall, this website will be an astronomy based website. It will contain facts allowing people to learn a little bit about the universe, and facts which will allow people to learn some of the more interesting things that occur. It will contain outside resources for people who wish to learn more about astronomy related concepts and will also display photos showing some of the more beautiful depictions of the universe.

Story Board

- Exploring the Universe
  - Header
  - Navigation
  - Home
    - Intro caption
    - First article
      - Quote
    - Salt flat picture
    - Second article
  - Explore
    - Intro caption
    - Intro paragraph
    - Captions
    - Pictures
      - Hyperlinks to image sources
    - Descriptions
  - Pictures
    - Intro caption
    - Pictures
      - Display pages
        - Back – Nav
        - Picture
        - Caption
        - Description
        - Link to image source
    - Captions
  - Facts
    - Intro captions
    - Fact captions
    - Fact descriptions

- - Additional fact content
  - o Learn More
    - Intro caption
    - Link caption
    - Links to other websites
  - o Form
    - Intro caption
    - Intro paragraph
    - Main fieldset
      - Contact Information fieldset
        - o Text Boxes
          - First Name
          - Last Name
          - Email Address
      - Gender fieldset
        - o Radio buttons
      - Favorite aspect of the universe fieldset
        - o Check Boxes
      - Reason for visiting fieldset
        - o List Box
    - Submit button
    - Error indicators
    - Successful submission page
  - o Footer

Assignment requirements

1. style sheet
2. form
   1. one text box for a users email address.
   2. two additional text boxes.
   3. one list box.
   4. three check boxes.
   5. three radio buttons.
   6. submit button.
   7. field sets and legends as needed
   8. data should be validated for not missing, valid format etc as needed with both html and php
   9. form should email the person who filled it out
   10. form data should be saved to a file. Provide a link to this file on your main index.

3. One page should open a data file and display the information in some way. (it could be a file of image names or it could be data related to your research or it could be the file created by your form, etc.
4. Minimum of six pages.
5. As always be sure to:

   1. validate your html and CSS (w3c.org).
   2. have the following Meta tags: author, content, description.

   3. have a link on your sitemap to this assignment.

Specific requirements

1. At least 6 pages
2. HTML 5 style
3. Includes a function form that emails the user upon completion and saves data onto a CSV file
   a. At least 3 text boxes
   b. At least 3 radio buttons
   c. At least 3 check boxes
   d. At least 1 list box.
   e. 1 submit button
4. At least one page should involve data being loaded onto it.
5. Has adequate CSS
6. Has information linking to personal display pages
7. Contain at least 10 pieces of information total
8. Contain at least 10 photos total
9. Contain at least 2 facts
10. Contain at least 2 links to outside resources