ITA: Travel Australia

Jonathan is an experienced backpacker and photographer who has travelled widely and writes very well. His friends have urged him to manage a website with his favourite photos and information about places he has visited. They also have encouraged him to start a blog page which would have special information about his travel adventures. Additionally it would allow comments from those who follow his blog.

At the moment Jonathan has not been able to keep up with his correspondence. People write to him for advice on travel. He finds that much of his email is duplicated.

Your assignment is to create a prototype website about Travel Australia. It will feature a home page, two special interest pages (say, Tasmania), a second special interest page and a blog page.

**Scope** The website and its blog will make the processes of answering questions and providing information more efficient for Jonathan. Essentially the blogs will save time in answering individual emails. The quality of the information will improve because Jonathan can update his website with specific information and photos; he can also finetune some responses based on questions to the blog.

**Requirements**

|  |  |
| --- | --- |
| FR01 | A banner is required and the same banner is used on all pages |
| FR02 | Navigation is vertical. |
| FR03 | Navigation in the footer is horizontal. |
| FR04 | Structure: home page, forum page, state 1 page and state 2 page |
| FR05 | The home page must have the menu on the left and an article on the right |
| FR06 | The special interest pages must have a minimum of three images. |
| FR07 | The special interest images must have a caption. |
| FR08 | CSS style sheet must be linked to the webpages |

|  |  |
| --- | --- |
| NFR01 | Relevance: Each page relates to the theme travel in Australia |
| NFR02 | Accessibility: ALT tags for each image required |
| NFR03 | Contrast: The colour palette must include reds/oranges/brick/brown colours with font colors for contrast |
| NFR04 | Consistency: Each page is structured similarly with banner, footer and navigation |
| NFR05 | The two special interest pages must have the same structure. |

**Constraints**

* The blog can be viewed by anyone but the comments are allowed only when the writer is subscribed.
* Copyright must be shown in the footer.
* An actual blog does not need to be shown but a menu item to its page must be.
* The work must be completed on time.

**Design**

|  |
| --- |
| Draw a layout design for the home page.  Draw a storyboard for the special interest pages.  Draw a structure chart for the website. |

**Development**

Using the files below, build the website. Add images of your choice. One more page is required. You will need to find images and resize them.

travel.html

<!DOCTYPE html>

<html>

<head>

<!-- travel.html

uses travel.css

vertical menu system

-->

<meta charset="utf-8">

<title> Travel Australia</title>

<link rel="stylesheet" type = "text/css" media="screen" href="travel.css" >

</head>

<body>

<div id="banner">

<img src="banner.jpg">

</div>

<header>

travel australia

</header>

<nav id="navbar">

<ul>

<li> <a href="travel.html">Home</a> </li>

<li> <a href="tasmania.html">Tasmania </a> </li>

<li> <a href="#">Your choice </a> </li>

<li> <a href="#">Blog </a> </li>

</ul>

</nav>

<article>

<p>Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.</p>

<p>Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.</p>

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</article>

<footer>

<nav id="footnav">

<ul>

<<li> <a href="travel.html">Home</a> </li>

<li> <a href="tasmania.html">Tasmania </a> </li>

<li> <a href="#">Your choice </a> </li>

<li> <a href="#">Blog </a> </li>

</ul>

<p> &copy; VK3CFI 2014 </p>

</nav>

</footer>

</body>

</html>

tasmania.html

<!DOCTYPE html>

<html>

<head>

<!-- travel.html

uses travel.css

vertical menu system

banner is background image

-->

<meta charset="utf-8">

<title> Tasmania</title>

<link rel="stylesheet" type = "text/css" media="screen" href="travel.css" >

</head>

<body>

<div id="banner">

<img src="banner.jpg">

</div>

<header>

travel australia

</header>

<nav id="navbar">

<ul>

<li> <a href="travel.html">Home</a> </li>

<li> <a href="tasmania.html">Tasmania </a> </li>

<li> <a href="#">Victoria </a> </li>

<li> <a href="#">Blog </a> </li>

</ul>

</nav>

<article>

<p>Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.</p>

<figure>

<img src="cataract gorge.jpg" >

<figcaption>Cataract gorge in flood

</figcaption>

</figure>

<p>Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.</p>

<figure>

<img src="tasmanian devil.jpg" >

<figcaption>Tasmanian devil

</figcaption>

</figure>

<p>Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.</p>

<figure>

<img src="tasmanian wilderness.jpg" >

<figcaption>Tasmanian rainforest

</figcaption>

</figure>

</article>

<footer>

<nav id="footnav">

<ul>

<li> <a href="travel">Home </a> </li>

<li> <a href="tasmania.html">Tasmania </a> </li>

<li> <a href="#">Victoria </a> </li>

<li> <a href="#">Blog </a> </li>

</ul>

<p> &copy; VK3CFI 2014 </p>

</nav>

</footer>

</body>

</html>

travel.css

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

file: travel.css used with travel.html

features vertical menu system

navbar in the main section is vertical

navbar in the footer is horizontal

colour palette all are websafe colours

#FF0000 red

#CC3333 like firebrick

#990000 brown

#FF3333 red shade

#FF6666 red shade

#FFF white

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* reduce browser conflicts

make the margin and padding 0

\*/

html

{

}

/\* for older browsers

display these as block

\*/

header, footer, article, section, nav, aside

{

}

/\* add font-family of your choice and font-size of your choice

add background colour

\*/

body

{

}

/\* display this div as block

add margins to suit

\*/

#banner

{

overflow: hidden;

//outline: thick black dotted;

}

/\*

make the width about 60%

double the font size

change the font color to suit

align the text to center

transform the text to uppercase if you like

add left margin to suit

\*/

header

{

//outline: thick white dotted;

}

/\*

display this nav as block

change the width

add top and left margins to suit

float it to the left

make the position relative

\*/

#navbar

{

}

/\*

remove the bullets

set the margin and padding to zero

\*/

#navbar ul

{

}

/\*

display the list items as block

add bottom padding to suit

\*/

#navbar ul li

{

display: block;

padding-bottom: 3px;

}

/\*

display the anchor as block

remove the underline

\*/

a

{

}

a:link

{

}

a:visited

{

}

a:hover

{

}

/\*

float the article to the left

make its position relative

make its width about 70%

add top margin to suit

\*/

article

{

//outline: thin white dotted;

}

/\*

make the font size half

make the font style italic

align the text to center

make its width 505

\*/

figcaption

{

//outline: thin white dotted;

}

/\*

add top margin and left margin to suit

change the width to 90%

make the font size slightly smaller about 0.7em

add left padding to suit

\*/

#footnav

{

clear: both;

//outline: thin white dotted;

}

/\*

remove the bullets

set the margin and padding to zero

\*/

#footnav ul

{

}

/\*

display the list item as inline-block

add right padding to separate the list items

\*/

#footnav ul li

{

}

/\*

display the anchor as block

\*/

#footnav a

{

}

/\*

align the paragraph text to the right

add right padding if you need

\*/

#footnav p

{

}