

CNIT-132 – Homework Project

Files to be used: all files inside the folder **hwproject** among the files you have downloaded for this class.

Requirements Checklist:

- 1) You should create an external CSS file to be used by all pages of your project. The name of the CSS file should be `pacific.css`
- 2) The body should have a style with background color as white and text color as dark gray. The background image should be the `background.jpg`. The font should be Arial, Helvetica, sans-serif.
- 3) You will add a div called `wrapper` around the whole page (any of the pages created in this project) with a width of 80%, white background color and a minimum width of 960 pixels.
- 4) The `h1` elements should have background color of `#000033` and text color white. The font type should be Georgia, Times New Roman, serif.
- 5) Use a sky blue color to configure the background color of the `nav` div. Remember to give some padding space between the border and the text. Have the `strong` tag substituted by a CSS style.
- 6) The `h2` elements should be configured with medium blue (`#3399CC`) color. The font type should be Georgia, Times New Roman, serif.
- 7) Create a class called `resort` with a dark blue text color (`#000033`) and bold. Apply this `resort` class to the words `Pacific Trails Resort` in the paragraph below the `h2` of the `index.html` page (only to these words). Also apply this class to the name `Pacific Trails Resort` found above the address line (only to these words).
- 8) Make sure that you use the trick `margin-bottom:0;` for the `h1` element to avoid the gap between the `h1` and the `nav` div!
- 9) Configure the `h1` element to have the background image `sunset.jpg` shown only on the right side (do not repeat).
- 10) Configure the unordered lists in the `content` div to display list markers INSIDE the element – tip: `list-style-position` should be used
- 11) The address should have text size being 90% of the font-size of the page.
- 12) The footer content should be configured to use 75% of the font size, italic, using fonts Georgia, Times New Roman, Times, serif
- 13) In the `index.html`, include the `coast.jpg` image below the `h2` element. This image should be positioned at the left side so the text will be written on the right side.
- 14) In the `yurts.html` page, include an `img` tag, below the `h2` to add the `yurt.jpg` image – configure this image with the same width and height you configured the `coast.jpg` in the `index.html` page. This image should also be positioned at the left side (the same way you did in the `index.html` page).
- 15) Create a new page called `activities.html` based on the `yurts.html` page. The `h2` of this page should have `Activities at Pacific Trails` and the image below this `h2` element should be the `trail.jpg`, configured the same way you configured the image for the `yurts` and `index` pages. Don't use definition list, use `h3` instead for the terms and normal paragraphs for the definitions. Type the following:

Hiking

Pacific Trails Resort has 5 miles of hiking trails and is close to a state park.

Kayaking

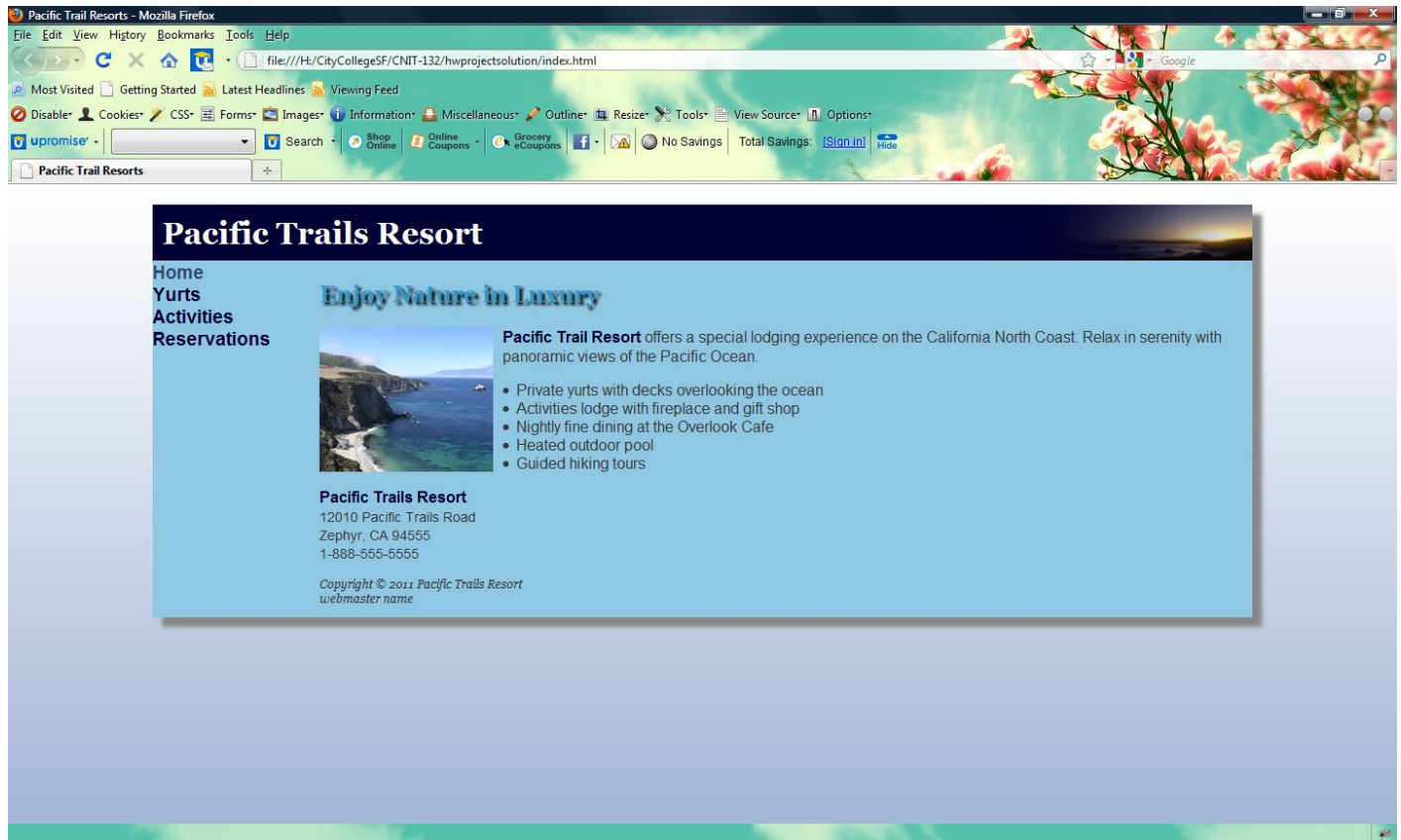
Ocean kayaks are available for guest use.

Bird Watching

We offer guided bird watching trips at sunrise several times a week.

Configure the h3 elements to have text color #000033. The font type should be Georgia, Times New Roman, serif.

- 16) The activities page should have an animation, after the Bird Watching paragraph, showing the image of the little bird.gif moving from the left side to the right side of the page and stopping at the right side (no infinite movement).
- 17) Modify the yurts.html page to substitute the definition list by the structure shown in item 15 (above) with h3 elements to be the questions and paragraphs to be the answers.
- 18) Apply a shadow effect to the wrapper div and change the background color from white to blue (#90C7E3)
- 19) Apply a text-shadow effect to the h2 elements
- 20) You want to modify the content of the div nav to be in an unordered list but no bullet or picture should be presented in front of each item (Home, Yurts etc.), the font-size should be around 1.2 em; the margin should be 0 (zero) and padding-left should also be 0 (zero) for this unordered list configuration. You also would need to configure the anchor tag in order to have no underlined link and the unvisited color should be #000033, the visited link color should be #344873 and when the user passes the mouse over the link, the color should be white.
- 21) Remember to include the favicon.ico to show on the browser on all pages.
- 22) Remember to include tags that will help in Search Engine Optimization (SEO) and to make sure that existing tags are used appropriately for SEO purposes.
- 23) Your final pages should look like the picture shown in the next page when opened in a browser.
- 24) The reservations.html page should be created based on any of the previous pages. You do not need to include a picture for this page as you did for yurts, activities and index pages. The right side (content part) of the page will have a simple form for the user to input the First Name, Last Name, Email Address, Telephone number, Number of Guests, and a Message with a Submit and a Reset buttons. You should use the most appropriate HTML5 input tags. The action (program) for the form should be called contact.php but you will not code that php program, you just need to code the form tag correctly. The idea, in the future is that this contact.php program would send an email to somebody in the Pacific Trails Resort office.
- 25) Read the item after the picture below about extra credit



This picture shows how the pages should be shown – notice that the page is centralized within the width of the browser

Extra credit – 2 points:

Using @media query in your pacific.css file and the meta tag viewport in the HTML file, create a different layout that would be presented on a mobile device (consider the device-width of 480px maximum as being mobile device). This new layout would present the Pacific Trails Resort heading 1 without the background image, only the background color. The navigation would come right below the heading 1 and the content would come right below the navigation without the image (for the yurts, index, and activities). This means that the site would have a one-column layout instead of two-column layout. The animation of the little bird can be or not present (it is up to you).

To get the full 2 points, the site must open in a mobile device (smartphone) in a one-column layout without the images, without the background image on the header part, etc.

Criteria for grading

- a. Total – **20 points**
 - i. Tags are appropriately nested and closed **(2 points)**
 - ii. All basic requirements have been followed and are present in your project **(5 points)**
 - iii. The animation of the bird is correct and as required **(2 points)**
 - iv. Search Engine optimization techniques were used **(2 points)**
 - v. Links in the navigation are working appropriately **(2 points)**
 - vi. Correct use of CSS properties to layout and format pages (pages presented in the browser with no major modifications in relation to the picture shown in the previous page of this document – ok, for example, to have the picture a little bit bigger or smaller than the one shown in the picture here) **(4 points)**
 - vii. Both HTML and CSS are valid **(3 points)**