**CS 120 Web Programming  
Project 1: Cover Band Website**

## Tasks

Create a small website for a cover band (for example, a wedding or party band)

## Objectives

Understand the elements to pull together a simple website- and get it online.

## Requirements

The site must be for a cover band/wedding band etc

* You should adhere to the usability guidelines PPT
* You must have at least 4 pages: a home page, a contact page, and two other pages.   
  Some suggestions for other pages are
  + List of band members with a bio/image
  + Song list with artists
  + Schedule of events
* Content must be "real" and realistic. Lorum Ipsum text is not acceptable.
* At least 12CSS style rules
* A form
* A table
* A list
* An external stylesheet
* An internal stylesheet on at least one page
* An inline style
* Two images – one must be a background image.   
  The file size of the images must be less than 60k unless it is for a banner – then it can be up to 110k.
* At least two fixed page elements to make the site look consistent - for example: header, navigation, sidebar or footer. Note that Navigation and Header cannot both count if the nav is in the header.
* The site must be responsive ***and*** look good on a phone.
* Read this article (https://blog.hubspot.com/marketing/mobile-friendly-test) and choose one tool to check that your site is mobile friendly – be sure to note which one you used and screenshot the results.

## Ground Rules

You may meet multiple requirements with one item on the site.

You may adapt content from an existing website or use Generative AI to create content – if you do, please cite your source(s) in the design document.

You may not use Generative AI for any code including HTML/CSS.

You may choose to use GitHub hosting or cPanel hosting (SiteGround) – you do not need both.

It is ok if images have watermarks on them.

This is not a design class, but you are expected to use reasonable aesthetics, and the site should adhere to usability principles. See the posted usability document for best practices.

## Rubric

Site runs online and meets all requirements - 60 points

Quality of HTML/CSS code, Adherence to usability best practices - 30 points

Deliverables: 10 points

**Deliverable Worksheet** (Must be submitted on Canvas)

* Home page design document (from assignment 1) uploaded
* All html/css files (combine into a compressed/zip file)
* portfolio.html updated if needed with the correct URL for project1.html
* URL for portfolio.html

URL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project requirements- check off those you completed. Add detail   
 where requested.

* At least 4 pages: there are 5 pages
* Content must be "real" and realistic. Lorum Ipsum text is not acceptable.
* At least 12 CSS style rules
* A form   
  which page? contact.html
* A table   
  which page? songs.html
* A list  
  which page? project1.html
* An external stylesheet
* An internal stylesheet on at least one page  
  which page? songs.html
* An inline style  
  which page and element? <a> in “desktop nav” of all pages
* File sizes checked for all images
* Two images – one must be a background image.   
  which page for background img? project1.html

which page for other image? shows.html

At least two fixed page elements to make the site look consistent  
what are they? header, footer, mobile menu and etc.

* The site was tested on a phone. Yes
* Site passes mobile friendly test  
  Which test did you use? Copy screen shot of the results below.

I used both Google Lighthouse and Pingdom

A screenshot of a website speed test

AI-generated content may be incorrect.A screenshot of a website

AI-generated content may be incorrect.

Are there any extra features you added that are not listed above?  
  
Yes, there are several other features. For example, I added a hamburger menu with mobile navigation. When the screen width is 600px or less, the desktop navigation switches to a hamburger menu. I also used a CSS grid layout to organize the images on shows.html.

What site(s) did you look at for design inspiration?

I used https://sixfigures.com as reference.

<https://patio03907.com> is also very helpful.

What would you add to this project if you had an extra week?  
1. When I tested the site on a phone, I noticed that the hover effect does not work on the hamburger menu. After looking it up, I learned that this happens because phones don’t have a mouse, so hover states aren’t supported. To make the hamburger menu work on mobile devices, I’ll need to use JavaScript, but I haven’t learned how to do it yet.

2. Most elements work smoothly by current responsive design. But I think the site can be further improved for mobile devices.