BCDV1006 - Full Stack I
Music Sharing Interface

Due **Sunday, Oct 4th** – 25% of Final Grade

System Requirements

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Date: **Sept, 19th 2020**

Version #: 1.2

1 Objective

This document contains a specification of the course assignment. It is a task where students practice skills to build a static web interface using the HTML and CSS.

This task will also include, working together in a group developing the project, plan, manage and coordinate development activities, to be done effectively to a deadline.

2 Teams

Teams will consist of one to two students (with two being the target number).

3 User Interface

The UI design will be HTML5/CSS3

4 Specification

The project will be based on a Music Download Application such as iTunes or Napster.

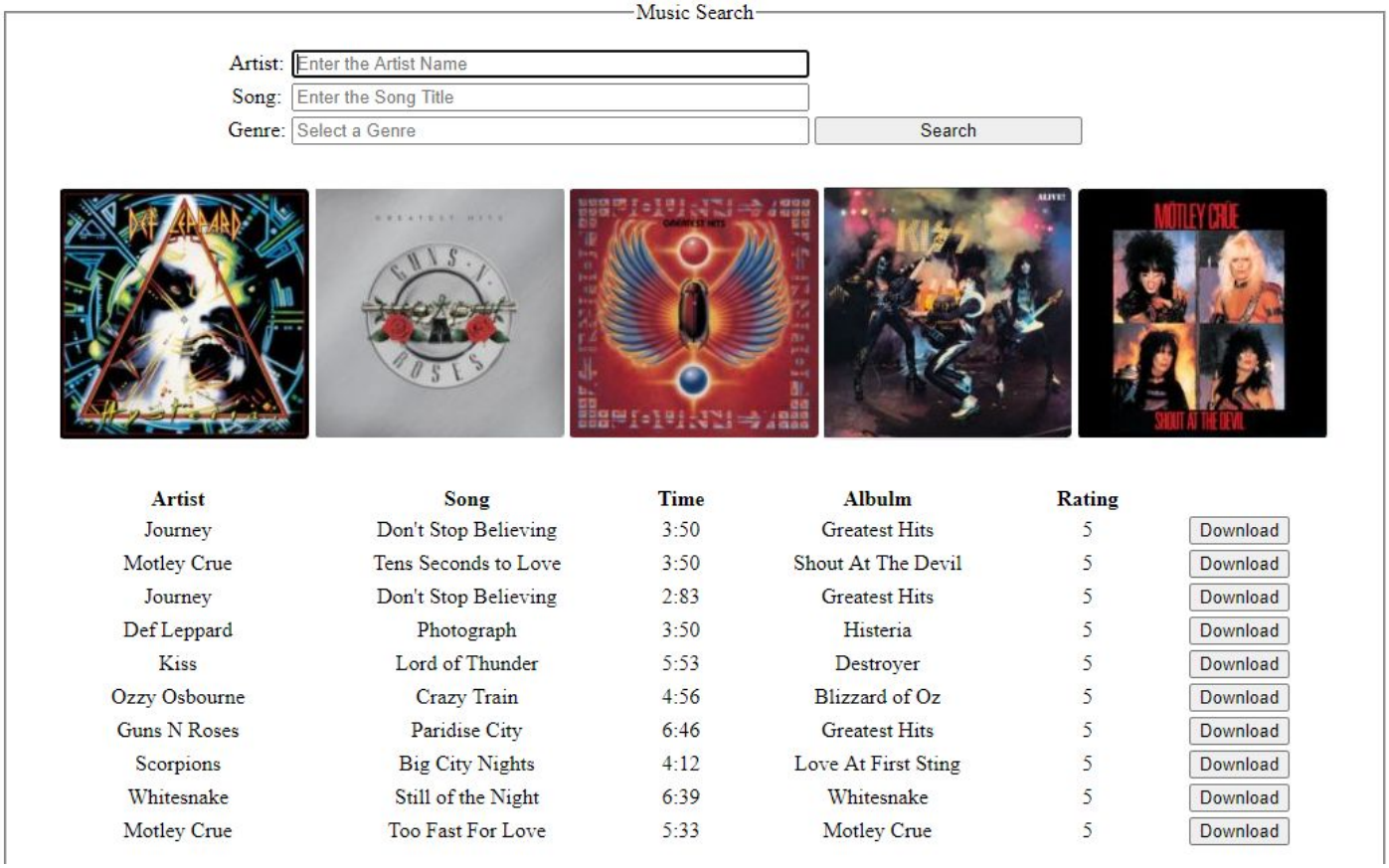
5 Requirements

The minimum viable product MVP for our interface is we need to have the following:

- A form with inputs to search for an Artist, Song Title and Genre
- A table/container of a list of Album Cover images
- A table/container of Songs with information Name,Time, Artist, Album, Genre, Rating

HTML Requirements

1. Create an HTML document with a valid HTML structure
2. Create a simple FORM with a the following inputs
    a. Input text box for Artist
    b. Input text box for Song
    c. Select control for Genre (drop down list)
3. Create a BUTTON control to Search the Form
4. **Create a container with a list of at least 5 images for Album covers**
5. Create a container with a list of songs in rows with columns with at least 10 rows
    a. This can be accomplished with the <table> and <tr> HTML tags
    b. This can also be accomplished with and tags, but require additional css.
    c. Hint a generator can be used to help with this task https://divtable.com/generator/

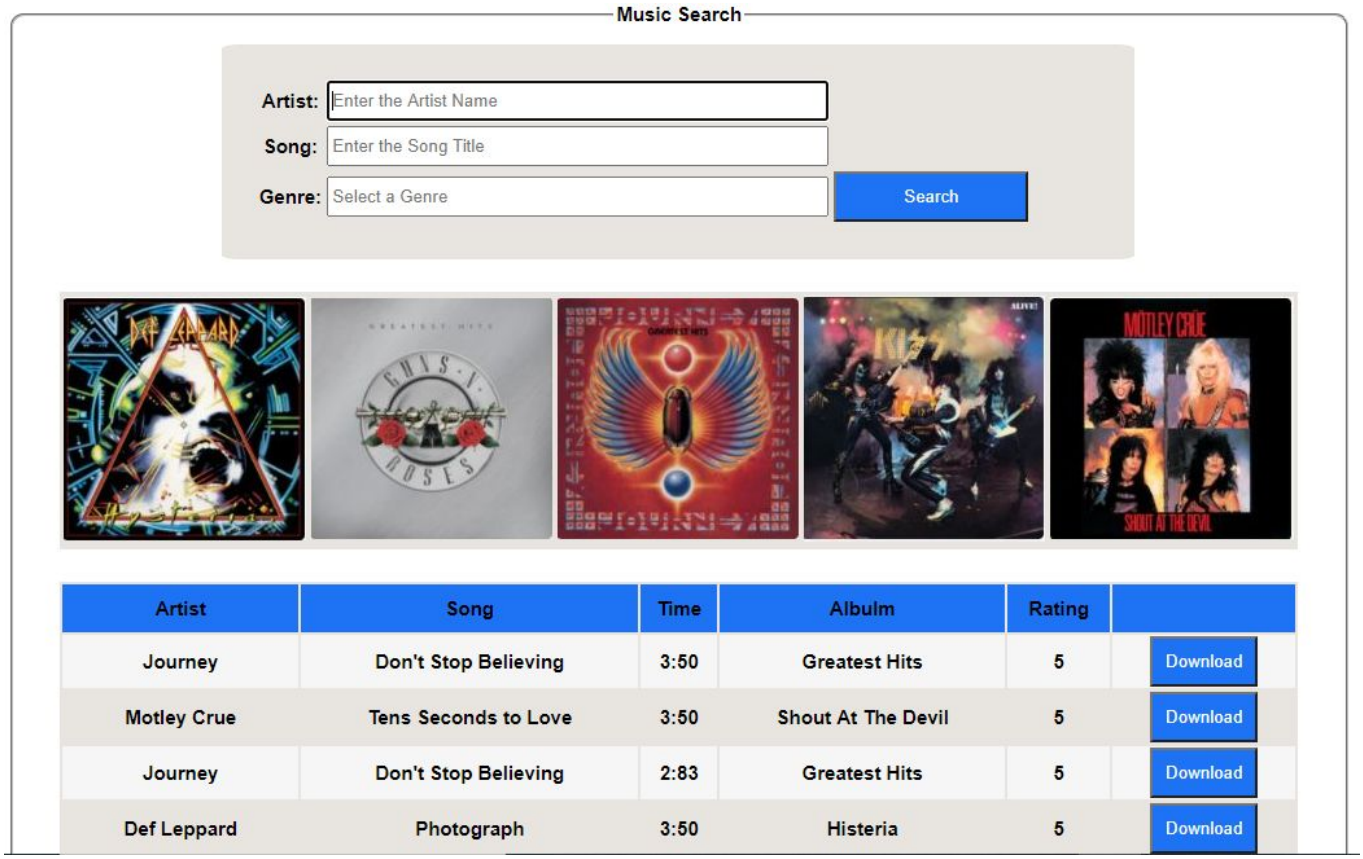


Artist	Song	Time	Albulm	Rating	
Journey	Don't Stop Believing	3:50	Greatest Hits	5	Download
Motley Crue	Tens Seconds to Love	3:50	Shout At The Devil	5	Download
Journey	Don't Stop Believing	2:83	Greatest Hits	5	Download
Def Leppard	Photograph	3:50	Histeria	5	Download
Kiss	Lord of Thunder	5:53	Destroyer	5	Download
Ozzy Osbourne	Crazy Train	4:56	Blizzard of Oz	5	Download
Guns N Roses	Paridise City	6:46	Greatest Hits	5	Download
Scorpions	Big City Nights	4:12	Love At First Sting	5	Download
Whitesnake	Still of the Night	6:39	Whitesnake	5	Download
Motley Crue	Too Fast For Love	5:33	Motley Crue	5	Download

CSS Requirements

1. Create a style sheet and link it in the head tag of the HTML document
2. Add a style to give the FORM background a color other than white (ie. grey)
3. Add a style to give the table/container that a color other than white (ie. grey)
4. Add a style to highlight table header and columns (ie. blue)
5. Add a style to change the button(s) to have a different color scheme, height/width and padding.

Note: you can use a color picker for background colors
https://htmlcolorcodes.com/color-picker/



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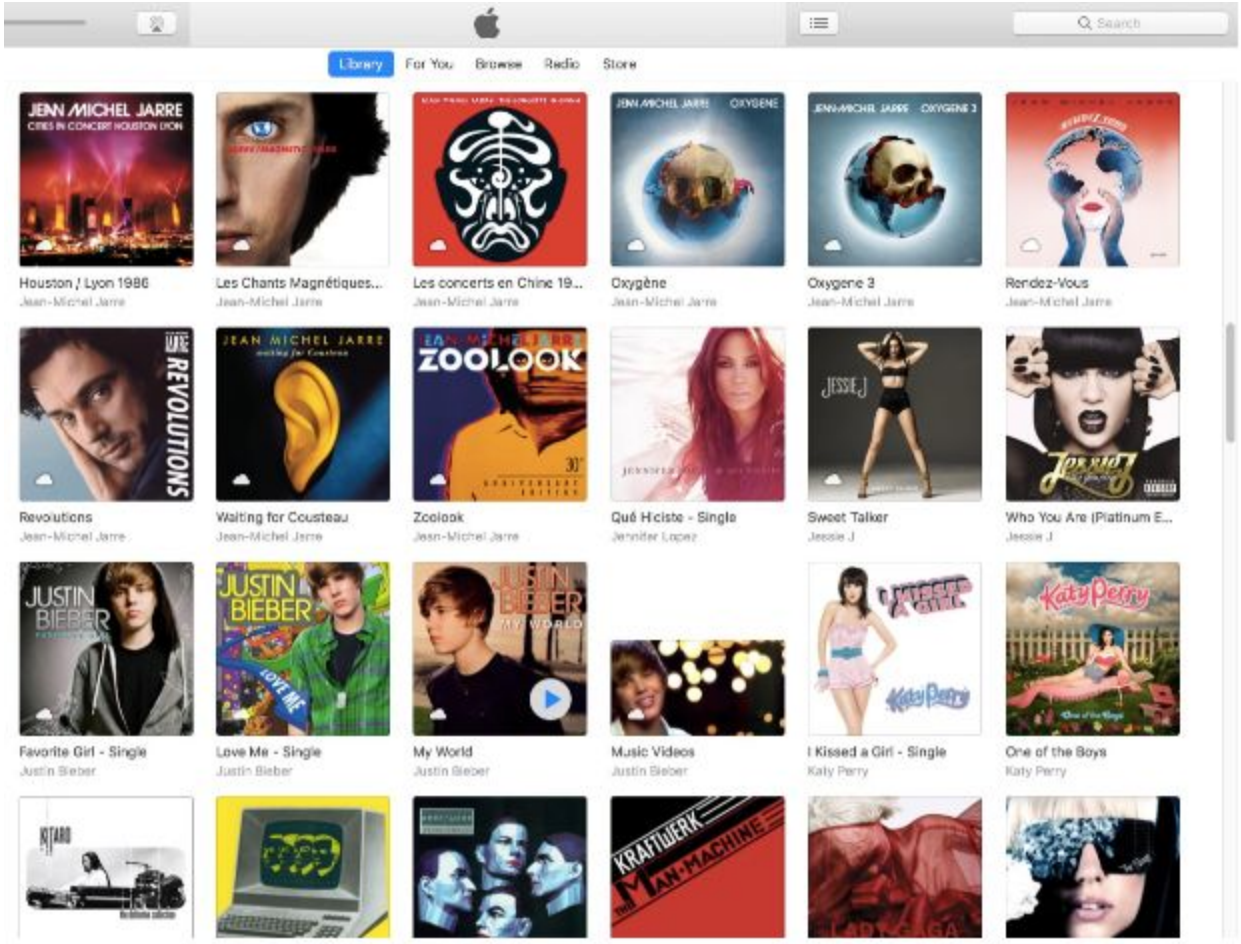
Alternative, for bonus marks you can add Album covers to the music table lists. *(The HTML rows and columns will need to be sized differently to handle the width/height of images).*



Submission

1. The project will uploaded and submitted to Black Board
2. Include a **README** file with the project that includes the following:
    - The names and student number of all the members of the tea
    - Instructions for installing or running the project.

Specification	Percentage
Implementing HTML	40%
Implementing CSS	40%
UX Styling	15%

Clean Code and Clarity	5%

11 Bonus

Bonus marks will be awarded for the following completed items. Note: this is only applicable where the project mark is less than 100%

Specification	Percentage
UX Design (including image tiles/albulm covers)	5%
Using CSS Framework such as Bootstrap	5%
Deployed to Web Server/Hosting - Live Web Site	5%