VEST – Front End Evaluation Task: My Music

This task involves creating a simple page to show a music collection.

Guidelines

The task is made up of 6 steps, please do them in order. It is preferable to have a complete solution with nice code for some of the steps then an incomplete/messy solution for all of them.

If targeting production quality and nice design, doing all the steps could easily take weeks. So, we suggest you aim for a simple but correct implementation with basic design and styling first and then only if there is time left over do any advanced tweaks, cool design.

Technology

- Prefer use Vue.JS, CSS / UI framework of your choice
- Target HTML 5, modern browsers, for this don’t worry about IE 8, or 9, 10 etc. As long as it works in latest Chrome it’s ok.
- Even though this is a limited task, aim for proper structure in the code if not perfection.
- Push code to a git repo, every hour or two, comment as you would normally do
- When done send us a link to the repo and to a deployed version where we can test the app. (GitHub page / Heroku / whatever is easiest)

If anything at all is unclear or you get stuck for some reason just get in touch, *questions are welcome*.

My Music - Task Steps

1. Start

   Create a basic page that shows the users music collection.

   a. Give the page some basic styling:

      i. Light overall color scheme

      ii. CSS gradient for background

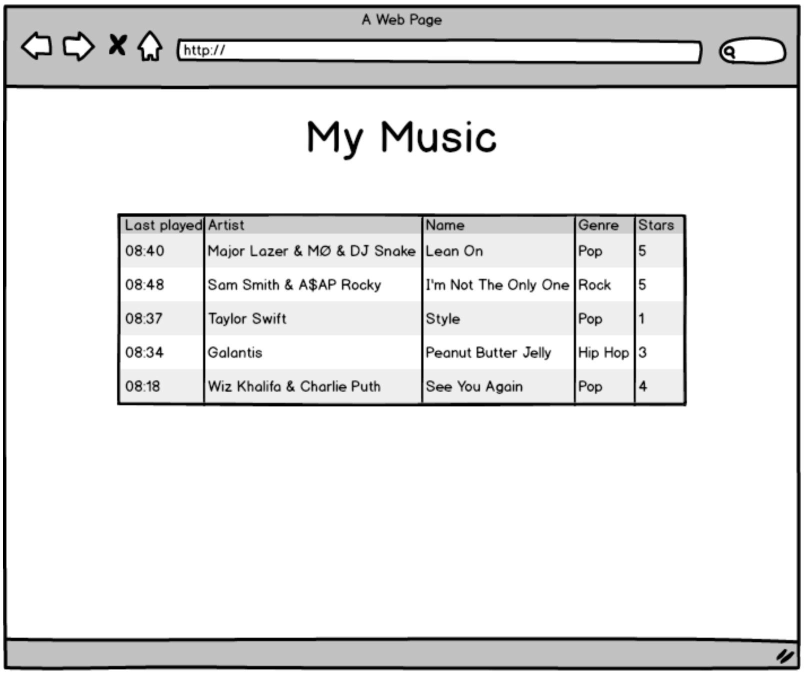
      iii. Some nice-looking font from Google Web Fonts

   b. Let the user sort by any of the columns

   c. Technology: For the grid, your choice: use any existing component or do it from scratch.

   d. Retrieve data from: https://vest-test-task.herokuapp.com/playlist

      Note: Backend will fail about 20% of the time with a nasty error screen (lazy backend developers;), handle this appropriately.



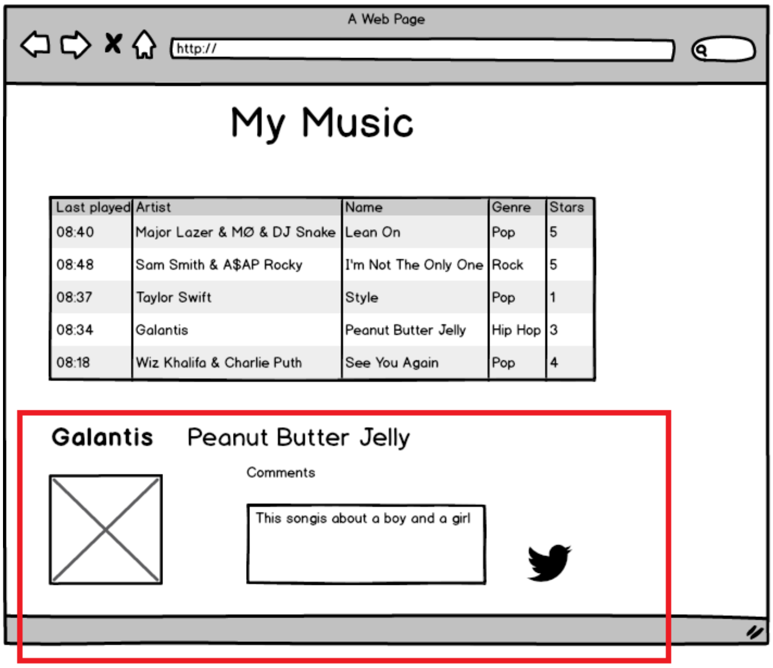
My Music

Last played	Artist	Name	Genre	Stars
08:40	Major Lazer & MØ & DJ Snake	Lean On	Pop	5
08:48	Sam Smith & A$AP Rocky	I'm Not The Only One	Rock	5
08:37	Taylor Swift	Style	Pop	1
08:34	Galantis	Peanut Butter Jelly	Hip Hop	3
08:18	Wiz Khalifa & Charlie Puth	See You Again	Pop	4

2. Details

   When clicking on a row, show a detail section below

   a. Show name and title as header
   b. Show album cover on the left (for now just use one or two images and pick at random)
   c. Allow the user to write/edit a comment for the track.
      i. The comment should auto save – so no save button
      ii. The back-end development is behind schedule, so there is no server storage for the comments. Instead store locally using web storage.
   d. Allow the user to send a tweet with their comment



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Galantis Peanut Butter Jelly

Comments

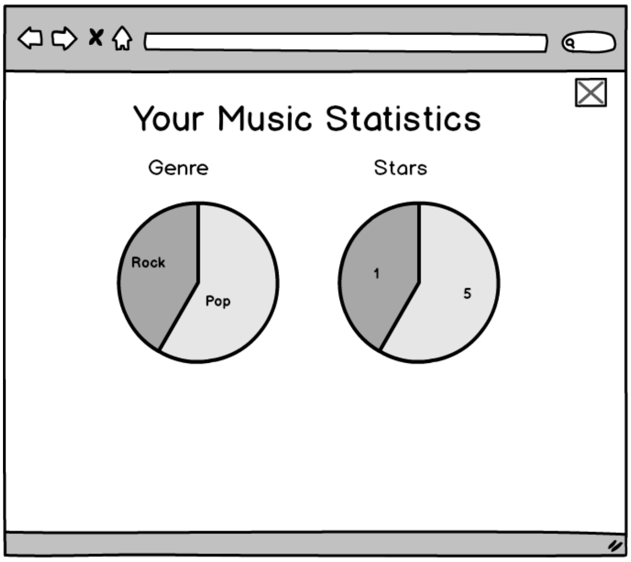
This songis about a boy and a girl

3. Animation

   The static page is boring, so we want to make it more interesting.

   a. When the page is loaded, there should be some animation or effect to bring in the header and the table
   b. When switching songs, the details section shouldn't just update, it should also have some effect like a fade in out when changing data (but quite fast less than 0.5 second to complete)

4. Statistics
   We want a simple statistics page that shows us what we have been listening to
   a. Add a button to access the statistics page
   b. It should load pretty much instantly, so avoid having it be a different page, prefer some SPA routing approach.
   c. For the statistics show two pie charts, one of the types of music and the other of the star ratings
   d. For the chart use the c3.js library



5. Mobile
   a. Ensure the site works well on an iPhone 6 or similar style device
   b. Layout should collapse to be single column style with all text large enough to be readable
6. Bonus. If and only if there is time left over use D3, to create a nice looking timeline of when songs were played.