


Lab 4
COMP 4711
FALL 2019

Our artist directory is looking good so far, we can add and remove artists to our list, great!


Artist Directory

Add artist




Kevin Sigma
Best in town

Delete



Katie Holmes
Gotta listen to me

Delete



Jimmy Dawson
Artist to watch 2019

Delete

But wait, if I refresh my page all, the artists seem to go away.... Umm, that's not good ...

Artist Directory

Add artist

There's a thing I heard known as local Storage, I remember that it can hold values ...


<https://developer.mozilla.org/en-US/docs/Web/API/Window/localStorage>

Our aim in this lab is utilize local Storage to help us hang on to the artists that we add to our directory. So even when I close my browser and come back all my artists should be there and even when I refresh the page.

Another thing that we need to do is add a new functionality, search, which will help our end users to find matching artists in our application (In the picture below, I typed 'k' in the search bar and hit the 'Search' button)

Artist Directory


AddSearch



Kevin Sigma

Best in town

Delete



Katie Holmes

Gotta listen to me

Delete

Marking scheme

Hosting Lab online (i.e providing a link)	1 Mark
Making correct use of localStorage to preserve artists	6 Marks
Showing matching artists after a search is performed	3 Marks

Note (If some of the below are not followed marks will be deducted)

- Cannot use databases (SQL/No-SQL/WebSQL)
- All JS code should reside in a separate file and use best practices