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Sticky Notes Application

Javascript Final Project

Functionalities

This application is a helpful tool that allows the user to write sticky notes that can either be reminders, notes, or a way to jot down ideas for future reference. The user can keep track of as many sticky notes as the user wishes.
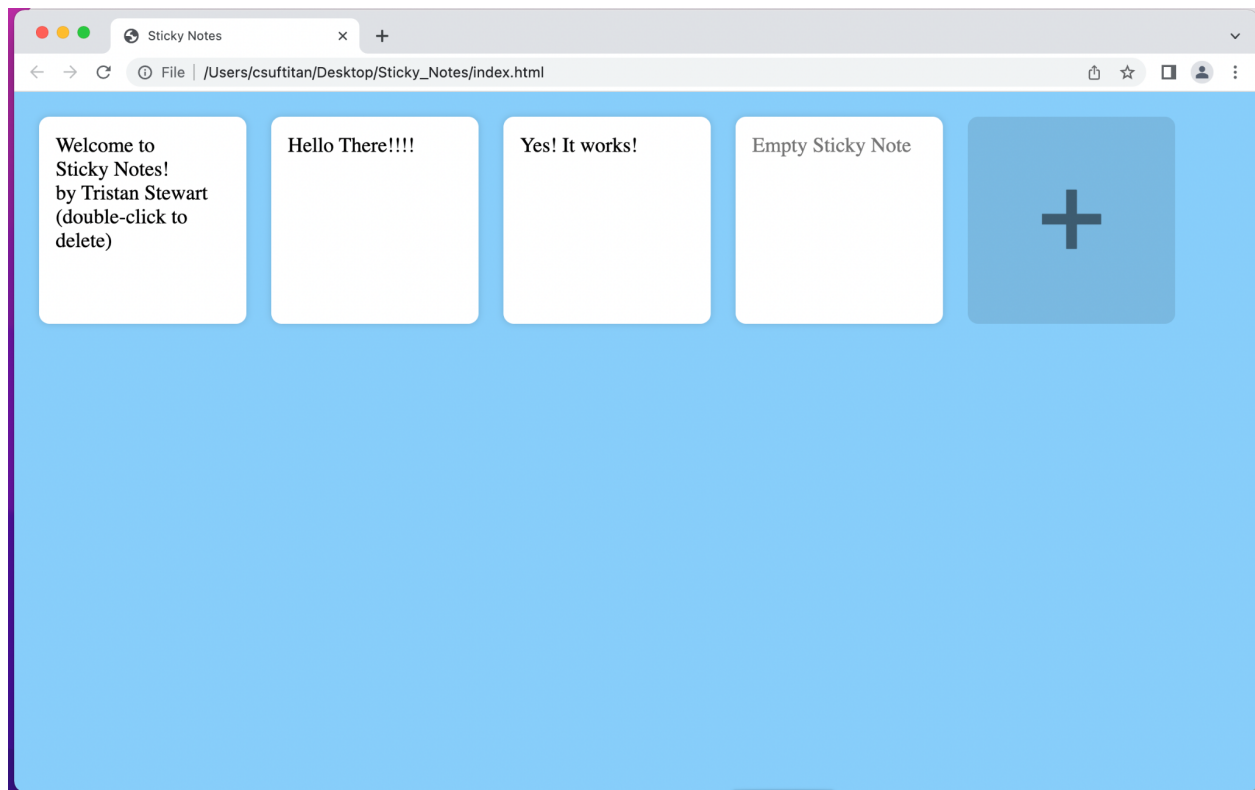
Features

- Creating a New Note Button:
    - Using the plus sign button in the main view, the user will be able to create a new sticky note upon click.
    - The user's notes are displayed in the main view in the order of their creation.

- Double Clicking to Delete Notes:
    - By double clicking on the note the user desires to delete, there will be a prompt asking for confirmation.

- After clicking okay, confirming the user wants to permanently delete the note, then the note will be deleted.

- Locally Stored Notes:
  - The sticky notes are stored in the User's browser's local storage so that whenever the user opens the app, they will have their personal notes saved and displayed for them.
  - Upon deletion, the notes are deleted from the local storage and no longer become visible in the main view.

Architecture and Design

- The code consists of three files, two of which are within a folder labeled: "src".
- The three files are an HTML file called index.html, a CSS file called main.css (in src), and finally a javascript file called main.js (in src).
- The app is of a simple design, where the code is dealing with the note objects and elements and the following functions:
  - save_Notes(notes)
  - get_Notes()
  - create_Note_Element(id, content)
  - add_Note()
  - delete_Note(id, element)
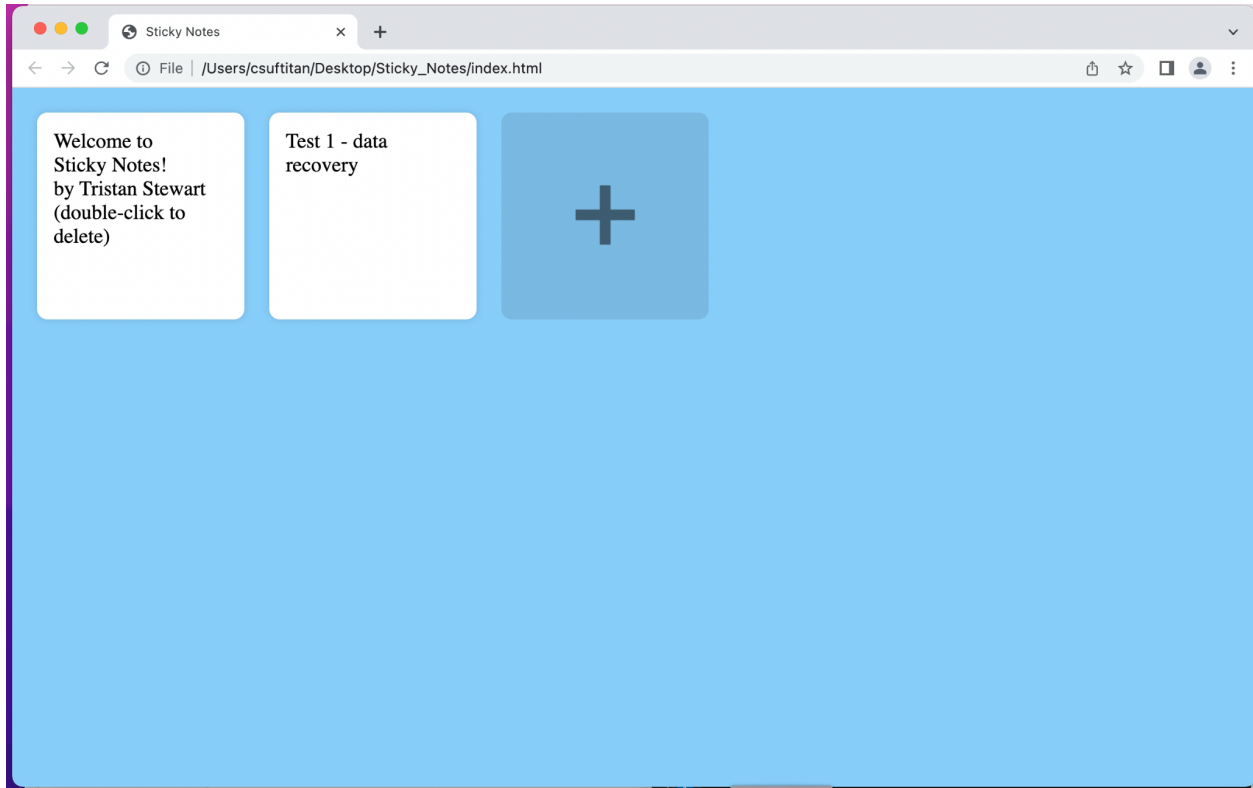 - update_Notes(id, newContent)

- The entire program consists of two views, the main view where the User's sticky notes, instructions, and the "add new" button are displayed. The second being the prompt that shows up whenever the User goes to delete a Note.

- The use of css made it possible for achieving a quaint and simple design, in terms and of the layout and aesthetic, including the feature of the color of the "add new" button changing as the User's cursor hovers over it.
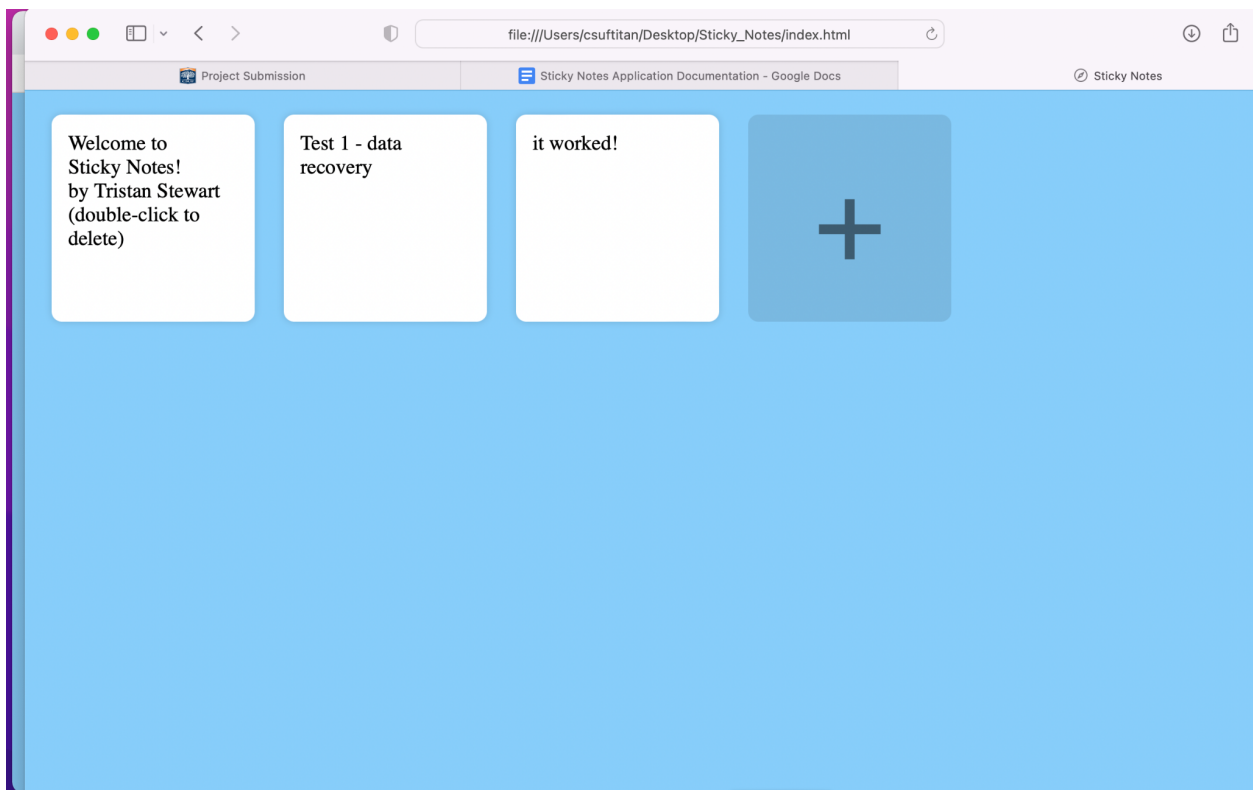

Test Results

- Testing the programs ability to retain notes from local storage:

  - Goal: to see if the sticky notes will be reloaded upon exiting the webpage and then reentering it.
  - Testing Data: The Save_Notes and update_Notes functions

  Before:

File | /Users/csuftitan/Desktop/Sticky_Notes/index.html

Welcome to Sticky Notes! by Tristan Stewart (double-click to delete)

Test 1 - data recovery

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After:

file:///Users/csuftitan/Desktop/Sticky_Notes/index.html

Project Submission | Sticky Notes Application Documentation - Google Docs | Sticky Notes

Welcome to Sticky Notes! by Tristan Stewart (double-click to delete)

Test 1 - data recovery

it worked!

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Github Link to Project

https://github.com/stewarttristan844/Sticky-Notes-App.git

References used for this project

https://youtu.be/Efo7nIUF2JY

https://youtu.be/_B-54mvPup4

https://youtu.be/01YKQmia2Jw

Future Work

- The addition of another mode which would allow the user to customize the layout properties such as background color and color of each individual note.
- The addition of another mode or view that changes the layout into a more academic version of note taking.
  - Placing the existing note on the side rather than taking up the entire screen.
  - Allow the option to switch back and forth between modes.
  - Have the current Note be of greater size and take up the center of the screen