



Color your Mood

Project 2 Proposal
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Mood Tracker Calendar

Overview

Choose a color and a mood to describe how you feel about the day selected. Fill in the rest of the form to determine other variables that will affect how your mood will be displayed on the calendar.

Project 2 will be a prototype for a mood calendar type app that keeps track of daily moods based on a few user inputs, mainly: date, color and feeling. I will also use a radio button to determine alignment and a slider to determine width.

Other ideas I would like to see incorporated is the possibility of adding some inputs that would change the hue, saturation or lightness of the chosen color. I would also prefer the calendar to be more free flowing in that the first day is placed at the top left corner and any day selected after is added to the left or right of the initial block dependant on chronological date but not necessarily calendar date.

For the purpose of this project, I am simplifying my concept by creating a 28 day calendar using css grid. Dates will be assigned to specific sections on the grid. I do not plan to alter hue, saturation or lightness at this point but would like to try use HSL color format to make this possible in the future.

This idea was inspired in part by tracking my own moods over the past year. I found that tracking my feelings purely with words was difficult and that color was a better way to express my current emotion.

I was also inspired by *The Philosopher on the Computer* by Hiroshi Kawano and aim to create a similar visual experience using blocks of data representing the user's mood over a period of extended time.

Hiroshi Kawano, *The Philosopher on the Computer*
<https://blog.adafruit.com/2013/10/22/hiroshi-kawano-the-beginnings-of-computer-generated-art/>

I have found downloadable mood tracking calendar samples online, as well as mood tracking apps but nothing that is similar visually as what I am aim to create.

Ideally, I would like to have everything in one canvas, I would like the form to appear on top of the calendar with the option to close and open as needed. I am experimenting with jquery ui at the moment but may consider using two states. There are 2 main elements/states for this project.

State 1 : Form

Would like to build form using html input options and keep with browser default styling. However for functionality will consider using JQuery UI with a base theme to incorporate some of the features of the layout, ie. floating menu above background.

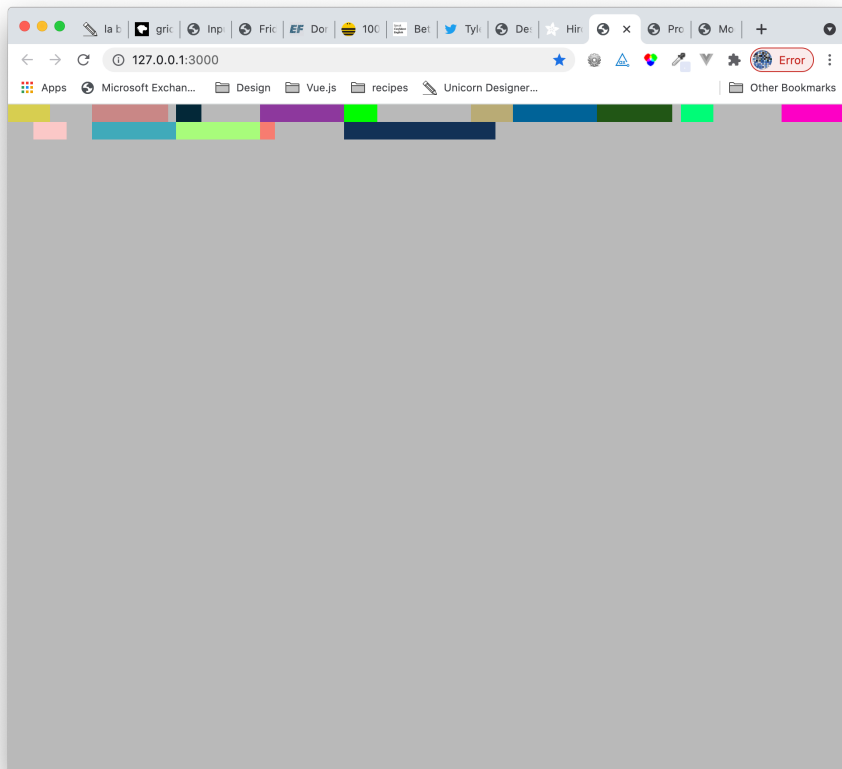
Example: <https://bluejenny.github.io/cart263/examples/datepicker/>

Form Elements:

- Date Picker
 - Pick the day, for Project 2 min date will be today, max date will be 28 days later
- Mood Selector
 - Word will be allocated to the day
- Radio Buttons
 - Options: 3 dots representing left, center, or right alignment
- Range Selector
 - Min 0 Max 100%. This will determine the width of block, the left and right margins will be calculated based on the Radio Buttons selection above

State 2 : Calendar

Ultimately, I envision the screen to represent one year. In the example below I have divided the screen into 10 columns by 38 rows (380 blocks = 365 days+ 15 for menu tab).



For Project 2 I have decided to represent 4 weeks (28 days). I will attempt to use local storage for this smaller sample size. Here is an example of how it will look:

<https://bluejenny.github.io/cart263/projects/project2/>

I also would like to incorporate this moods data set by Darius Kazemi.

<https://github.com/dariusk/corpora/blob/master/data/humans/moods.json>

I am not sure how I plan to incorporate it at the moment but I would be content if i can

- a. Populate the select dropdown list using the json file.
- b. Store the mood with the color, even if only viewable via console.log

Technical:

- how to fill a select option list using a json file (I found this online to do in either jquery or javascript, <https://www.codebyamir.com/blog/populate-a-select-dropdown-list-with-json>)
- date min and date max to control user input for this project, how to allocate date to sections
- how to save info onto local storage so user can use daily
- should I consider other options than css grid to display the daily color blocks
- working in 3 dimension on web page, z-index for form input box
- Creative ways to incorporate mood selection into simulation, ie: fridge poetry?

Variables:

- day = date/place on grid
- block color = background color
- mood = feeling
- block width = range selector (0 to 100%)
- alignment = radio buttons (left centre right)
 - left align = blockWidth = width
 - centre align = $(100 - \text{blockWidth})/2 = \text{margin-left}$
 $(100 - \text{blockWidth})/2 = \text{margin-right}$
 - right align = $(100 - \text{blockWidth}) = \text{margin-left}$