



JS CALENDAR

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DAILY LOG:



DAY 1:

- Requirements analysis
- Structure and potential issues
- Style definition
- Design and task assignment with Trello

DAY 2:

- HTML and CSS basics
- Basics functionalities
- Month and Year rendering
- Events structure
- Modals creation

DAY 3:

- LocalStorage structure
- Save events
- Reminders structure creation
- Month, year and today navigation with rendering



DAILY LOG:



DAY 4:

- form events validations
- Events details
- Warning box creation
- New events on day's click

DAY 5:

- All requirements finished
- Responsive implementation
- Form validations on focus out
- Errors and bug found and fixed

DAY 6:

- Extras:
 - Browser compatibilities
 - accessibility by tab index
- Wishlist:
 - Warning Box for past reminders
 - UX improvements
 - Alarm sound



DAILY LOG:



DAY 7:

- Checking functionalities
- Trying to find and fix bugs
- Save button shaking on input validations
- Documentation and finals merging



LESSONS LEARNED:

- LocalStorage set and get Item usage
- Date format to save events and show to users
- HTML templates usage
- page construction based on new Date()
- Dynamic HTML creation with JavaScript



ISSUES FOUND

- Date formatting to assign IDs to containers so we can use them combined with localStorage
- JSON structure design to storage the events and reminders
- setTimeout and clearTimeout to make reminders checking as much efficient as possible



ROLES CHANGING

We all started creating together the HTML structure, style and user experience checking the project requirements, the templates and the data saving and loading.

We divided the whole project into little task so we can write them down on a Trello. That way we set a day objective and everyone was able to pick up a task knowing exactly what phase of the project we were on.

Separation of the localStorage into events and reminders

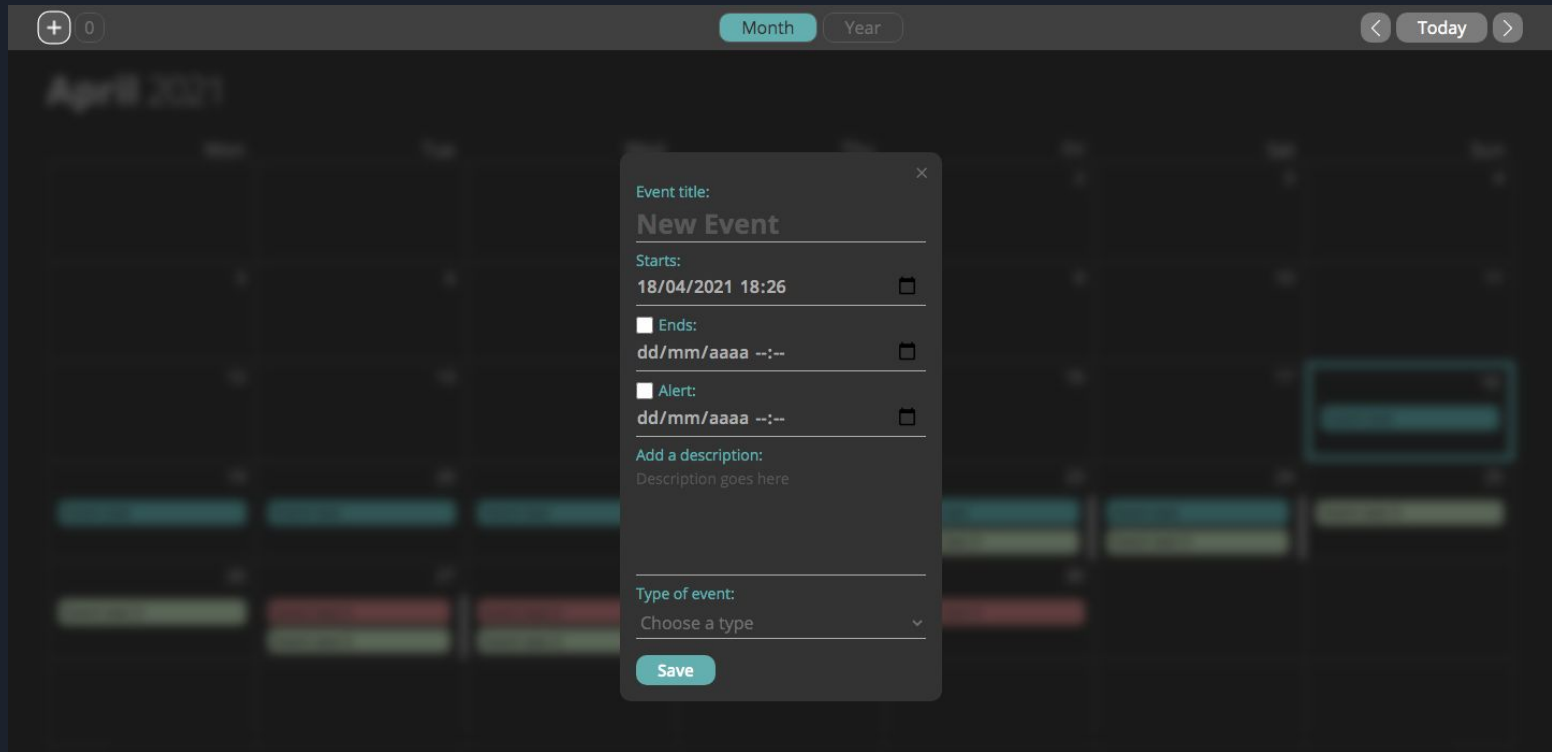
Dynamic creation of the month and year calendar depending on the exact amount of days and checking when the month started and ended.

General styles of modals and templates

Responsive implementation and final style retouching. We started designing the calendar based on desktop first

Event listeners functionalities, show reminders list and events on calendar pages.

SCREENSHOT: NEW EVENT



The screenshot shows a calendar application interface. At the top, there is a header bar with a '+ 0' button on the left, a 'Month' button (highlighted in teal) and a 'Year' button on the right, and navigation buttons '<' 'Today' '>'. The main area is a calendar grid for April 2021. A modal form titled 'New Event' is open in the center. The form has a close button 'X' in the top right corner. It contains the following fields: 'Event title:' with the value 'New Event'; 'Starts:' with the value '18/04/2021 18:26' and a calendar icon; 'Ends:' with a teal square icon, the value 'dd/mm/aaaa --:--', and a calendar icon; 'Alert:' with a teal square icon, the value 'dd/mm/aaaa --:--', and a calendar icon; 'Add a description:' with the placeholder text 'Description goes here'; and 'Type of event:' with the value 'Choose a type' and a dropdown arrow. At the bottom of the form is a teal 'Save' button.

+ 0

Month Year

< Today >

April 2021

Event title: X

New Event

Starts: 18/04/2021 18:26 📅

■ Ends: dd/mm/aaaa --:-- 📅

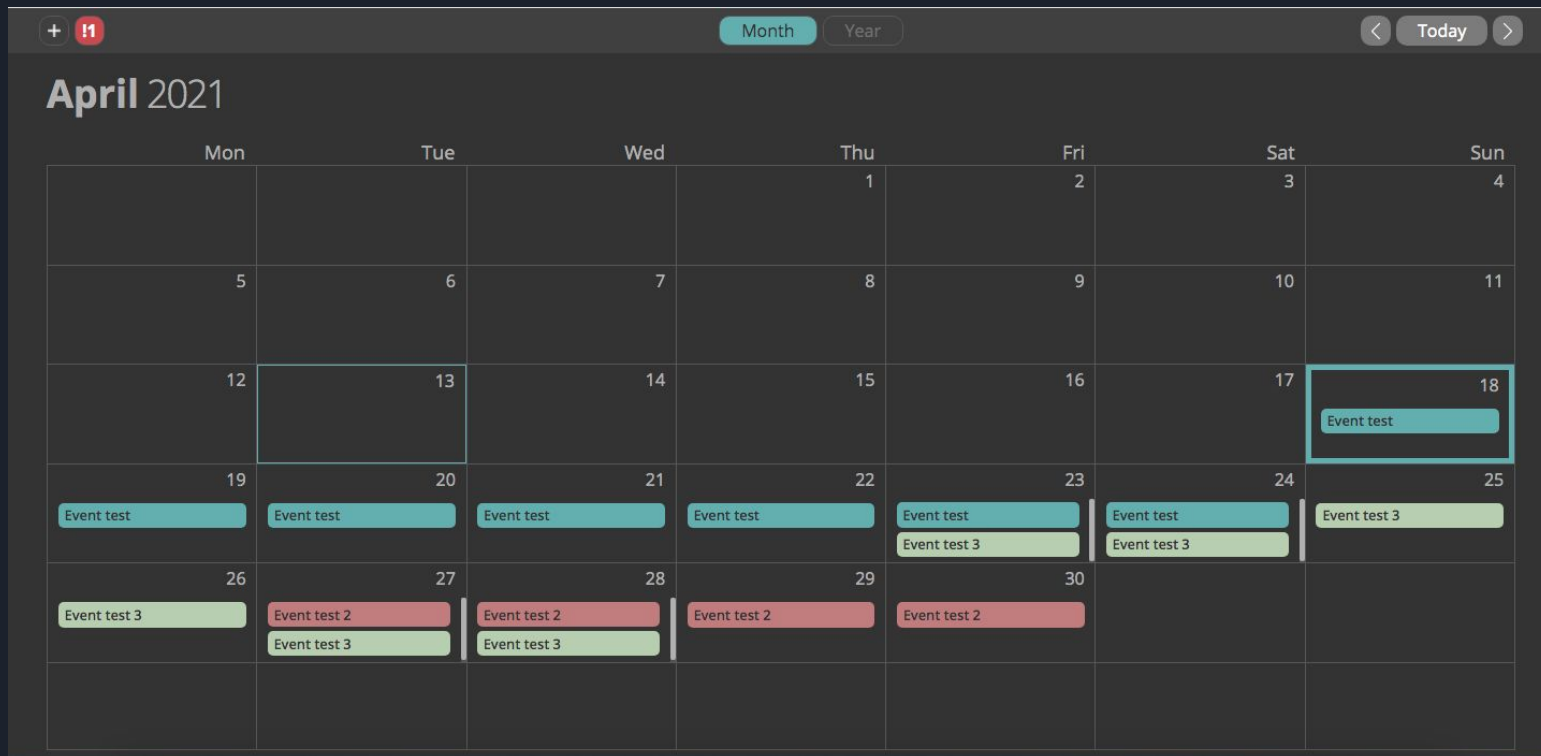
■ Alert: dd/mm/aaaa --:-- 📅

Add a description:
Description goes here

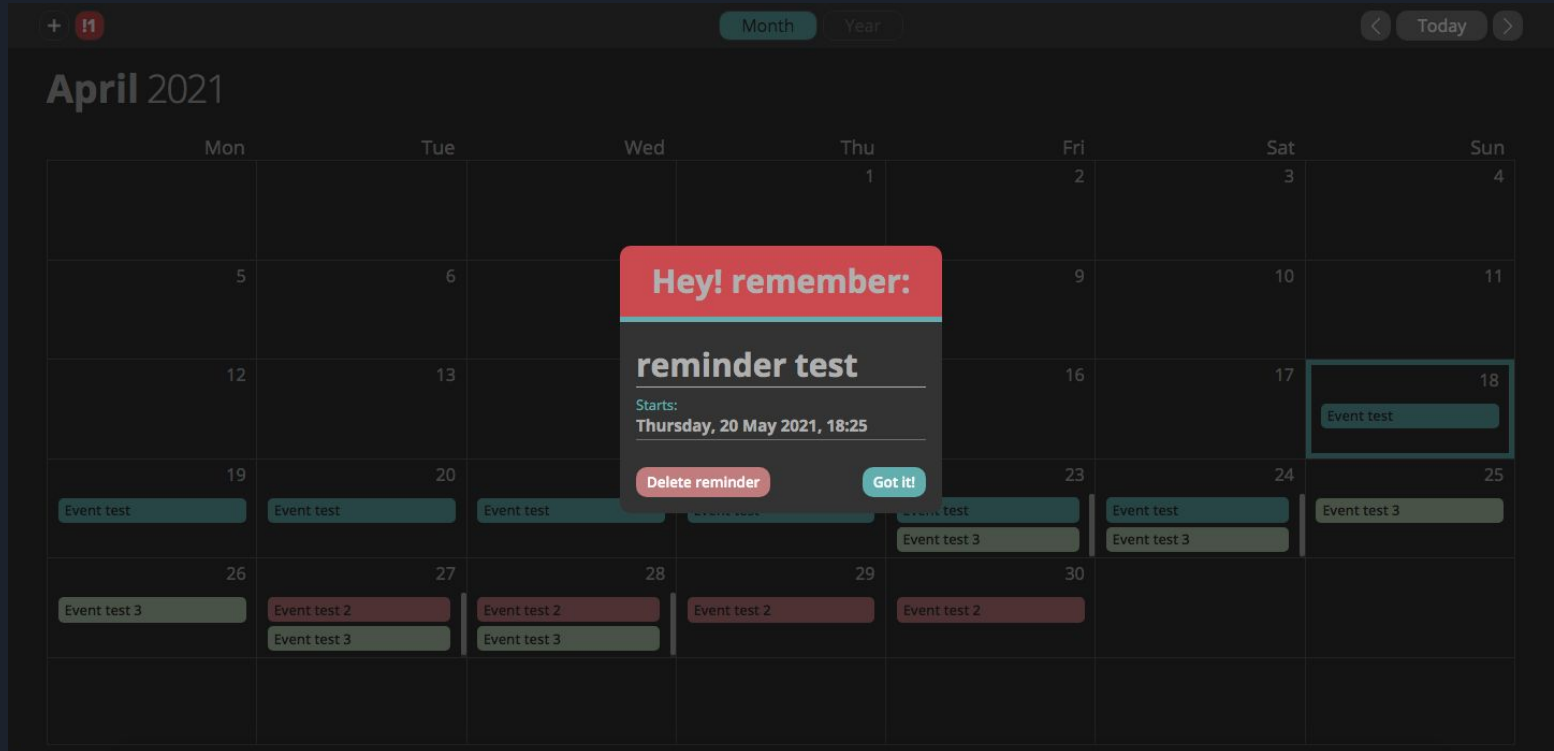
Type of event: Choose a type ▼

Save

SCREENSHOT: MONTHLY VIEW



SCREENSHOT: REMINDER ALARM

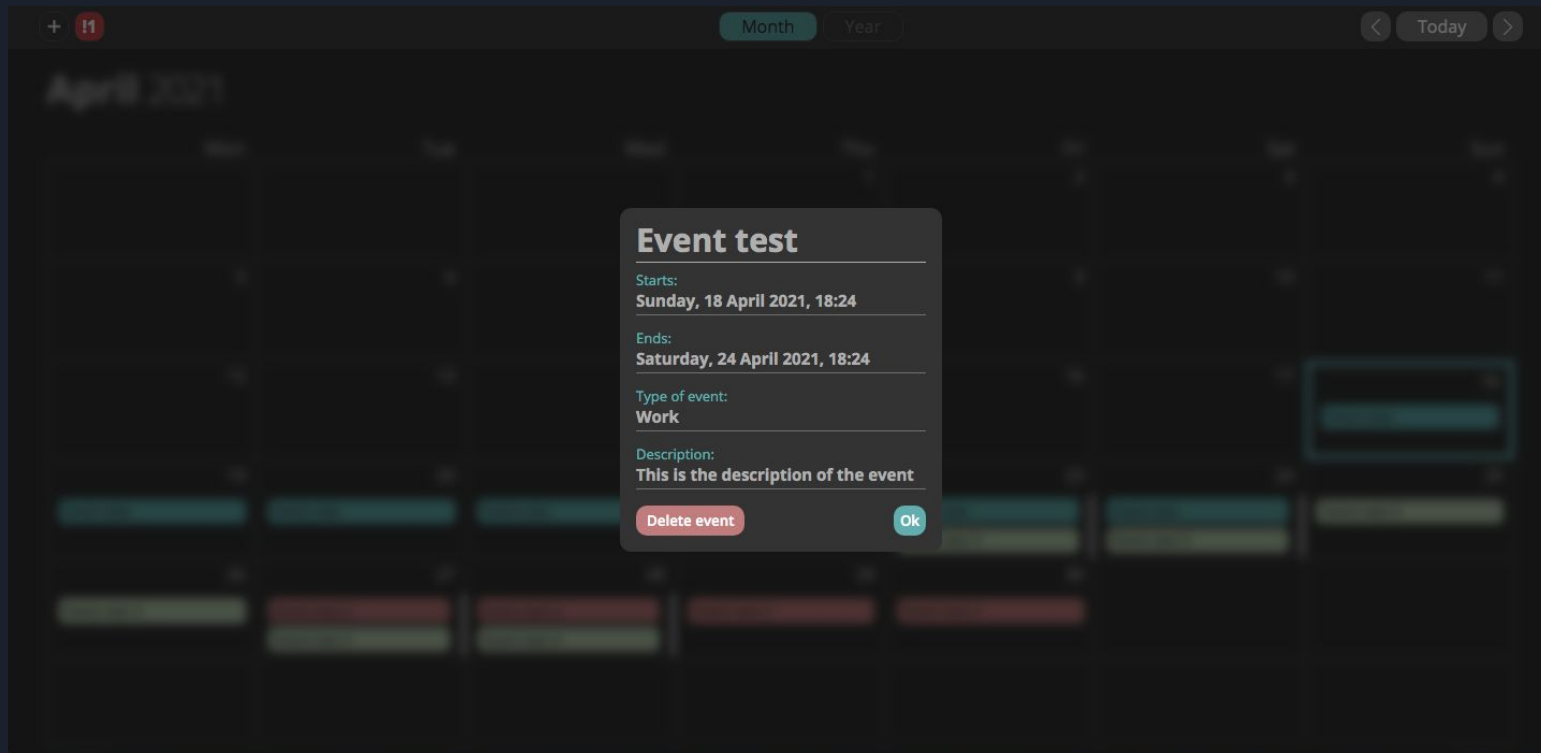


SCREENSHOT: PAST REMINDER WARNING BOX

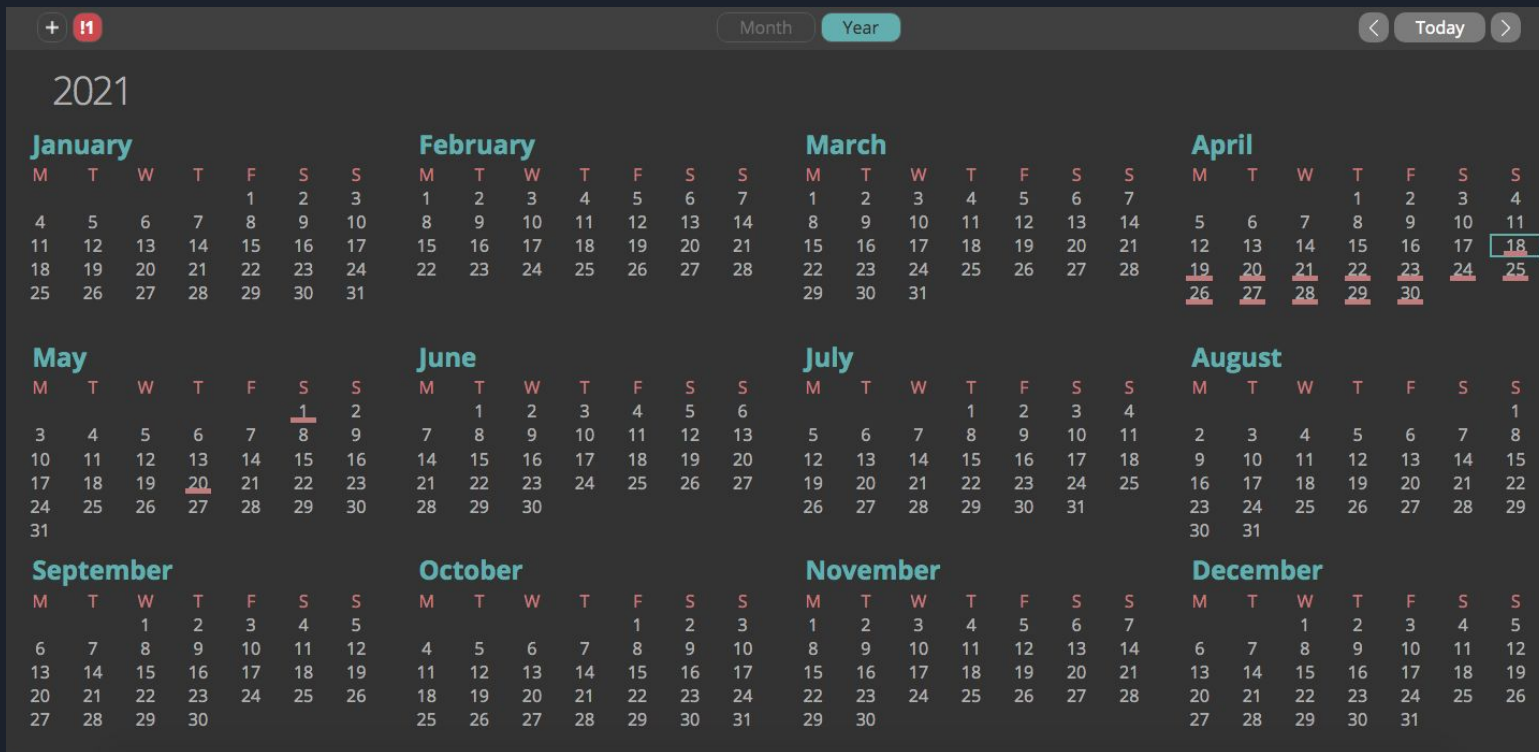
The screenshot displays a calendar application with a dark theme. At the top, there is a header bar with a close button (X) on the left, a view selector with 'Month' and 'Year' buttons in the center, and navigation buttons (back, Today, forward) on the right. A red warning box is positioned in the top-left corner of the calendar area, containing the text 'reminder test' and 'Sunday, 18 April 2021, 18:27'. The calendar grid shows days of the week (Mon to Sun) and dates. On Sunday, April 18th, an event titled 'Event test' is highlighted with a red border. Other events are visible as colored bars on various dates: 'Event test' (blue) on Mon 19, Tue 20, Wed 21, Thu 22, and Fri 23; 'Event test 3' (green) on Sat 24 and Sun 25; 'Event test 2' (red) on Tue 27, Wed 28, Thu 29, and Fri 30; and 'Event test 3' (green) on Mon 26 and Tue 27.

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18 Event test
19 Event test	20 Event test	21 Event test	22 Event test	23 Event test Event test 3	24 Event test Event test 3	25 Event test 3
26 Event test 3	27 Event test 2 Event test 3	28 Event test 2 Event test 3	29 Event test 2	30 Event test 2		

SCREENSHOT: EVENT DETAILS



SCREENSHOT: YEARLY VIEW





THANKS!