



NOVA SCHOOL OF
SCIENCE & TECHNOLOGY

Interacção Pessoa-Máquina

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OnTime

Stage 4: Functional Prototype



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Prototype URL:

<https://tmorais-fctunl.github.io/App/Calendar>

Start-up Instructions:

Our project works on browser, we tested it in chrome, but will probably work on other browsers. It works with different sized screens but won't look good if you make it very small.

Briefing:

Trying to solve one of the biggest problems for the lack of professional and academic success we decided to develop an app that is easy to use and that allows the users to organize their tasks.

Now we have 3 main functionalities, like scheduling event/tasks in a calendar, observing statistics on the tasks, and the use of timers with the pomodoro technique. This technique consists in intercalating timers for work and rest. For example, if I am doing a big project in one afternoon and want to follow the doctor's recommendations for not being sit for longer than 2 hours straight, I can create a pomodoro that after 2 hours of work it tells me that is time to get up and walk a little. After the break ends it will let me know that it's time to get back to work.

Scenarios:

1: Find the test for AM2. Change the start and end date to 3/12, at the same hours. Configure an alarm for one day earlier.

2: Analyse the statistics of the circular graph, from mid night of 1/12 to mid-night 2/12 and add a note saying, "This week I did well, but next week I will do even better".

3: Create a pomodoro to study for AM1 with a work time of one minute, break time of 15 seconds and two cycles. Save with the name "AM1 study", description "Maths afternoon" in the studying category. Then use the pomodoro until the end.

Project URL:

<https://tmorais-fctunl.github.io/>

Implementations details:

Our project saves the data in session storage, so in the same session (including refreshes) the data is kept. If you have different tabs the storage will also be different and the if you close the tab you are working on the data saved will also be lost.

The calendar works only in the one week shown, the first week of a parallel universe's December. (E.g. December 1st is not on a Monday). Every other logic is the same.

An event relative to a pomodoro is only created if it is taken to the end, going through every cycle of work and pause.

The tools we used to develop this project were HTML, javascript, jQuery, css and webflow.