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Pill in the Box

Stage 3: 1st Prototype



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Sketches, scenario storyboard and Prototype photos

The prototype shows a top navigation bar with tabs: "Caixa de Comprimidos", "Stock", "Lista de Compras", and "Calendário". Below this is a sub-header with "undo" and a green-bordered box containing a "+" icon, "João", and "Geral". A red-bordered box highlights a "Night" tab with a "+" icon. The main content area is titled "Night" and contains a form for adding pills. The form includes fields for "NOME DA CAIXA:", "NOME DO COMPRIMIDO:", "QUANTIDADE:" (with a value of 1), "POR DIA", and "QUANTIDADE TOTAL:". There are two "ADICIONAR COMPRIMIDO" buttons. Below these are fields for "PERIODICIDADE:" (with options: Sab., Dom., 2ª, 3ª, 4ª, 5ª, 6ª, Todos os dias), "DURANTE:" (with options: Indefinidamente, ou durante as próximas, dias, ou meses), and "HORA:". At the bottom, there are fields for "ADICIONAR A UMA TAB:" (with options: Geral, João, ou Adicionar nova tab) and "ADICIONAR NOTIFICAÇÃO?" (with options: Não, Sim, and a time field). A "CONCLUIR" button is at the bottom right.

Fig 1 - Adding a new box of pills

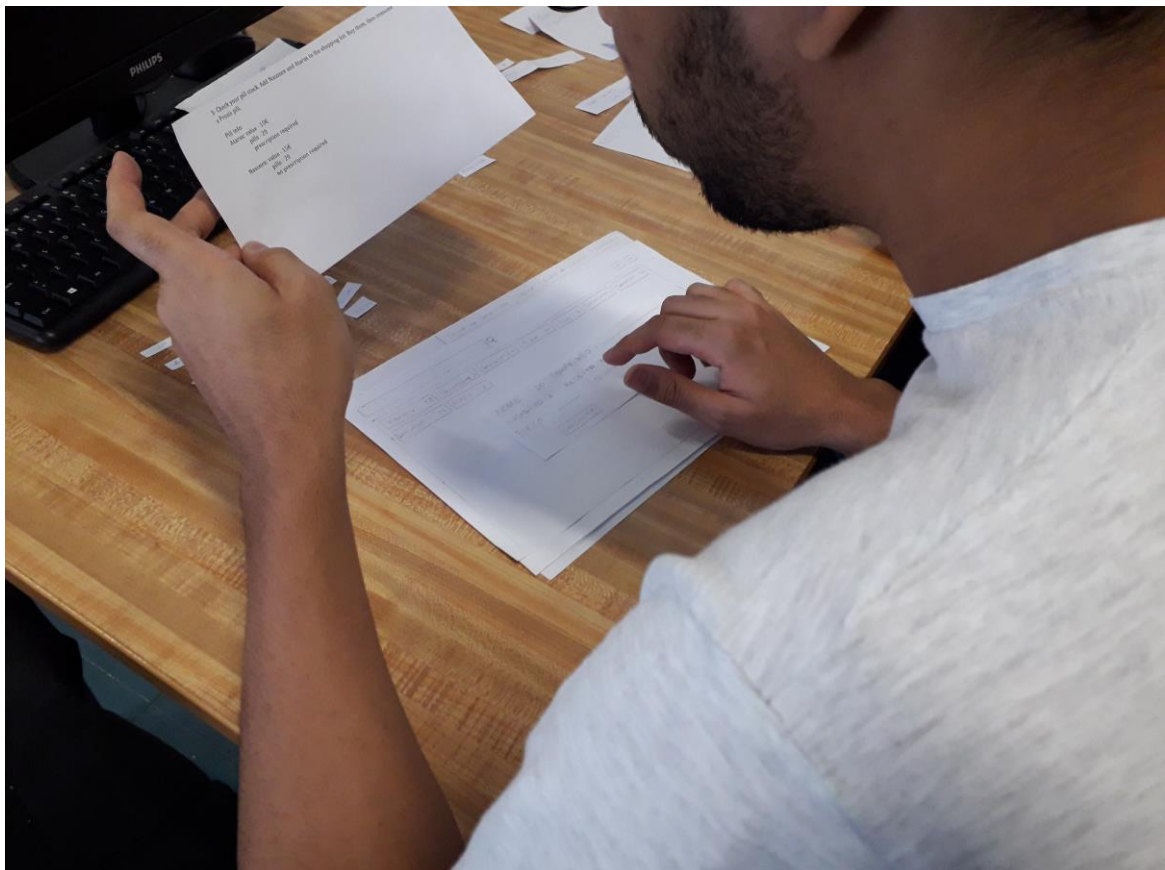


Fig 2 - Classmate testing the prototype

Logoff

Caixa de Comprimidos	Stock	Lista de Compras	Calendário
+ -			
EM FALTA: <input checked="" type="checkbox"/> Atarax <input checked="" type="checkbox"/> Nasonex	Receita médica ? ?	Preço 10 € ✓ 15 € ✓ 25 €	
TOTAL		25 €	
QUASE A ALABAR: <input checked="" type="checkbox"/> Ibuprofeno	NÃO	1,95 € ✓ 1,95 €	

Fig 3 - Shopping List Page

Logoff

Caixa de Comprimidos	Stock	Lista de Compras	Calendário			
UNDO						
OUTUBRO 40						
Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
28 de Setembro	30	1 de Outubro	2	3	4	5
Consulta	+!	+!	+!	+!	+!	+!
6	7	8	9	10	11	12
+!	+!	+!	+!	+!	+!	+!
13	14	15	16	17	18	19
11 Night	11 Night	11 Night	11 Night	11 Night	11 Night	11 Night
+!	+!	+!	+!	+!	+!	+!
20	21	22	23	24	25	26
11 Night	11 Night	11 Night	11 Night	11 Night	11 Night	11 Night
+!	+!	+!	+!	+!	+!	+!
27	28	29	30	31	1 de NOV	2
11 Night	11 Night	11 Night	11 Night	11 Night	11 Night	11 Night
+!	+!	+!	+!	+!	+!	+!

Fig 4 - Stock Page

User Briefing

The application's goal is to provide people in need (busy people, old people, in general people that tend to forget things) an easy way to remember the days they have to take pills and to track the amount of pills they have in boxes/units.

It has several functionalities like the ability to track several person's pill intake; an inventory to keep track of the amount of pills the user has at home; a shopping list that allows the user to see what pills they have to buy next according to the stock they have left; a calendar which provides a quick view on the days they have to take pills; and also an easy and quick way to add new pills to each user's plan.

User Scenarios

1- Register yourself in the website, log in and add a new box named "Morning" to your schedule, adding two new pills named Zyrtec (20 pills, 1 for each use) and Zantac (15 pills, 1 for each use), and choose to repeat them every monday morning for the next 10 days, without notifications. Then take your first dose of pills (both Zyrtec and Zantac) - Note that today is Monday morning.

Register data:

e-mail: istsucks@gmail.com

first name: Ambrósio

last name: Silva

password: 12345

2- Create a new person called "João" and add a new box of pills named "Night" to his schedule and add the pill Atarax (30 pills, 2 for each use), choose to repeat it every day at night for an unknown period of time, and add a calendar notification for 20h.

3- Check your pill stock. Add Nasonex and Atarax to the shopping list. Buy them, then consume a Prosis pill.

Pill info:

Atarax: value - 10€

pills - 20

prescription required

Nasonex: value - 15€

pills - 20

no prescription required

Observations

The first observation was that our interface was missing a “Register” button, we only had a “Log in” button, which initially confused the users. But we corrected our interface after the first user.

During the testing process, we noticed that the users had difficulty differentiating between the section to add/change the box of pills (marked in red in Fig. 1) and the section that changes the person that takes the pills (marked in green in Fig 1).

Other issue that emerged was that the users often forgot that there were other pages besides the main one. So, when it was required to go to the stock page for example, the users would get confused on how they were supposed to check the stock – this was probably related to the black and white page interface, it could be more obvious in a computational prototype.

So generally the problems the users had with our interface was that there were actions that weren’t as intuitive as they should be. Therefore, we will focus on fixing these issues of our interface, basically making it a lot more user friendly and simple.