

Felix

Class: 6C

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Project Name: Felix

Idea description - Felix will be like a small box that is going to be next to your bed.

When you buy the box it will come with a watch. You will say to the box next to bed what you need to do that week and it will remember. So when you wake up it will say take on the watch. The watch will shake when it is on your arm. When it shakes the watch will make a noise from the speaker and show you what it reminds you about. The watch will ask you things about your day or how you are throughout the day and when you answer it will start a conversation with you that will make you not feel alone. When you get reminded to maybe eat breakfast the watch will tell you and show you the steps on the screen on the watch of how to make your sandwich or your cereal. The Felix watch will also tell and show you how to use things like an Iphone or how to chat with people. It can teach you how to sign up in apps or websites. The watch watch will also have a face on the watch screen and a camera which will recognize you.

Target group - Elderly care: When you say to the small box what you have to do it will say to you “ I will remember that and remind you. If you have to do anything else I will remember that you just need to tell me the day and time.”. The box will have a 7’9 inch display with 3 buttons. The buttons will be night time which will turn off the light for 9 hours, emergency call and a button which says what you are going to do

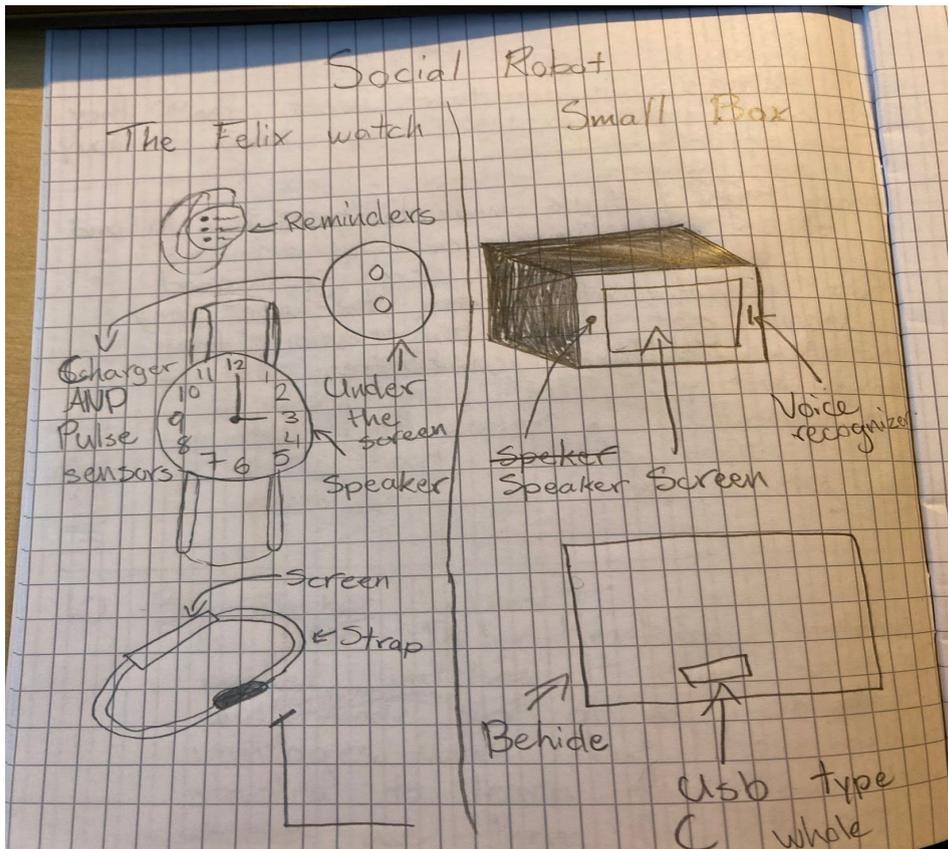
today. There is already a robot that helps in elderly care but my robot and Anthony Nunez robot have some differences, he's robot is big and can move around with the old people and needs to charge every day. While my is small and is on peoples arms and tries to communicate with you and needs to charge ones every three days. Another difference is that Anthony's robot can do things like dancing while my robot can't do that; it just talks to you and makes you not feel alone. There is also one more difference and that is in the price, Anthony's robot costs a lot while my robot is not going to cost so much and it might do less things but it makes the same things it just does not dance and move. The watch will also move the lips on the face when it says things so it feels like Felix is with you and you are not alone. There are also smart watches that work almost like Felix but worse than Felix. They are worse because you need to click on the screen on the smart watches to go into different apps while you can just say to Felix like "Go into google and search Who is Sweden's king" it will do that without you touching the screen.

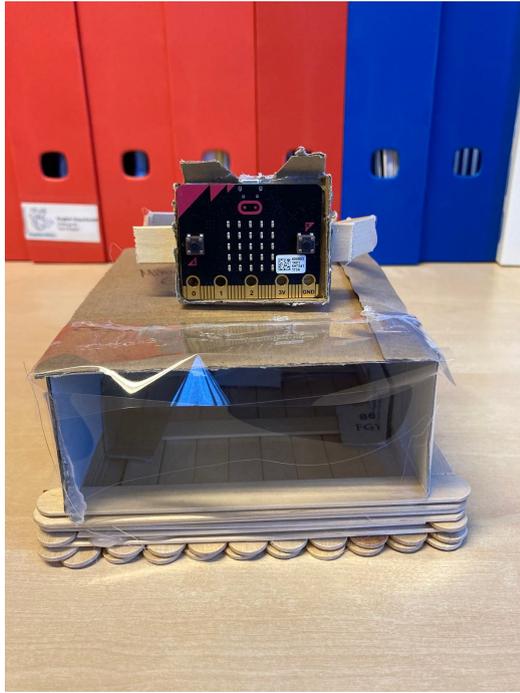
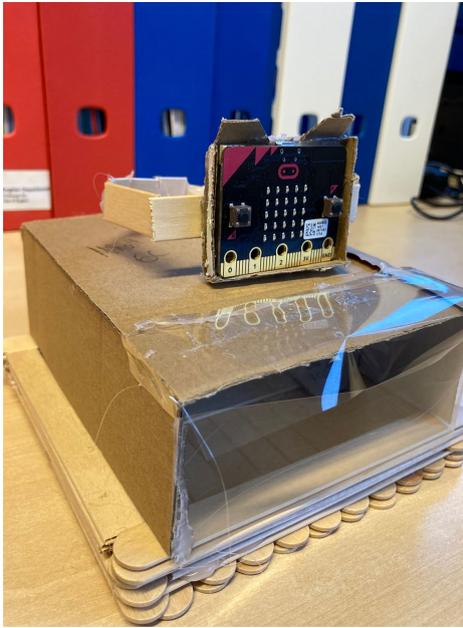
Technical solutions - To recognize and remember people the watch and the box will have cameras and a memoriser. When the watch ses another person from the camera it will say that someone is coming because it has memorised the face and knows that it's not the owner of Felix. The negative thing with this is that you need to go to the settings and put the owner's face so Felix knows that that's the owner of Felix.

Threats and opportunities - I think that robots will one day get overpowered by either humans or robots themselves. If robots learn to build mre robots then there is not much that we can do to stop them. But maybe robots will also understand what is happening in the world right now like with all of the climate change and pollution so they would try to take care of the world and make it a better place.

The danger is that Felix can glitch out some times and that you can not use it while it is glitch out. The positive is that it will work the rest of the time and it will be updated every week.

Sketches In my notebook.





Logbook - First I made a place for the watch screen (micro bit), after that I started with the watch strap which I made out of wooden sticks. I broke 2 wooden sticks into small pieces then glued them together with a glue gun to make the strap, when the strap was done I glued the place for the screen on the strap. After that I started with the Felix box, where I first made the bottom with the same type of wooden sticks that I used for the strap. Then I bade the back part of the box because it has a whole for charging , after that the sides.

Then I did the front which has a whole for the screen and lastly I did the top of the Felix box because it was easier to do it last and glue it in the right place.

Flowchart: Programming in Microbits

