

Config Challenge

03/04/2020

TV Time Counter

User Story:

As an exasperated parent, to try and keep my children in line and doing what they are told I give them a daily limit as to how much TV they can watch.

This however invariably leads to pleading and bargaining on their side that the 2 minutes they spent going to the bathroom doesn't count or they have been good today so get 10 minutes more.

Therefore I want to automate their TV times as computers are not moved by pleas and bargains.

Details:

I want to have the ability to say who's TV time it currently is, the children or mine.

The kids get 2 hours of TV time a day so the time the TV is on should be compared against whether it is in their TV time or mine and if it is the kids' then 5 minutes before their TV time is up a text to speech message should play out of the speaker to tell them they have 5 minutes left.

Then once the 2 hours is up the TV should turn off.

As the adult of the house I should be able to turn the TV back on through my app, but they should not.

Every day this needs to reset so we can start again tomorrow.

A little extra challenge:

Occasionally the children are good, so I want a TV coin button in the app that only I can press which will give the kids an extra 5 minutes of TV time.