1 SINGLE information but GIANT

so it is super easy to read

in absolutely any conditions

The issue

Put yourself in the shoes of a visually impaired person swimming in a pool.

By default, they already have trouble seeing things up close.

On top of that:

They're wearing foggy swimming goggles.

And underwater, vision is even more limited.)

Too many information is exactly like NO INFO AT ALL !!!!

In reality, most people only need a few key pieces of information — and it's the same for a runner.

- How much distance have I already covered? (Especially if I'm motivated by reaching a certain distance.)
- What time is it? (So I know how long I can continue.)
- How long have I been exercising? (Especially if I'm focused on time-based goals.)
- What's my heart rate? (If I'm monitoring it to stay below a certain threshold.

The solution

Just a smart combination of two simple ideas:

- Display one single — but giant — piece of information on the watch.

- Then, add a clever twist: at each lap or milestone, the displayed info rotates intelligently.

For example :

At one moment, I'll see how much distance I've already covered.

Then, just a bit later, the display automatically switches to show how long I've been exercising.

A moment after that, it shows the current time.

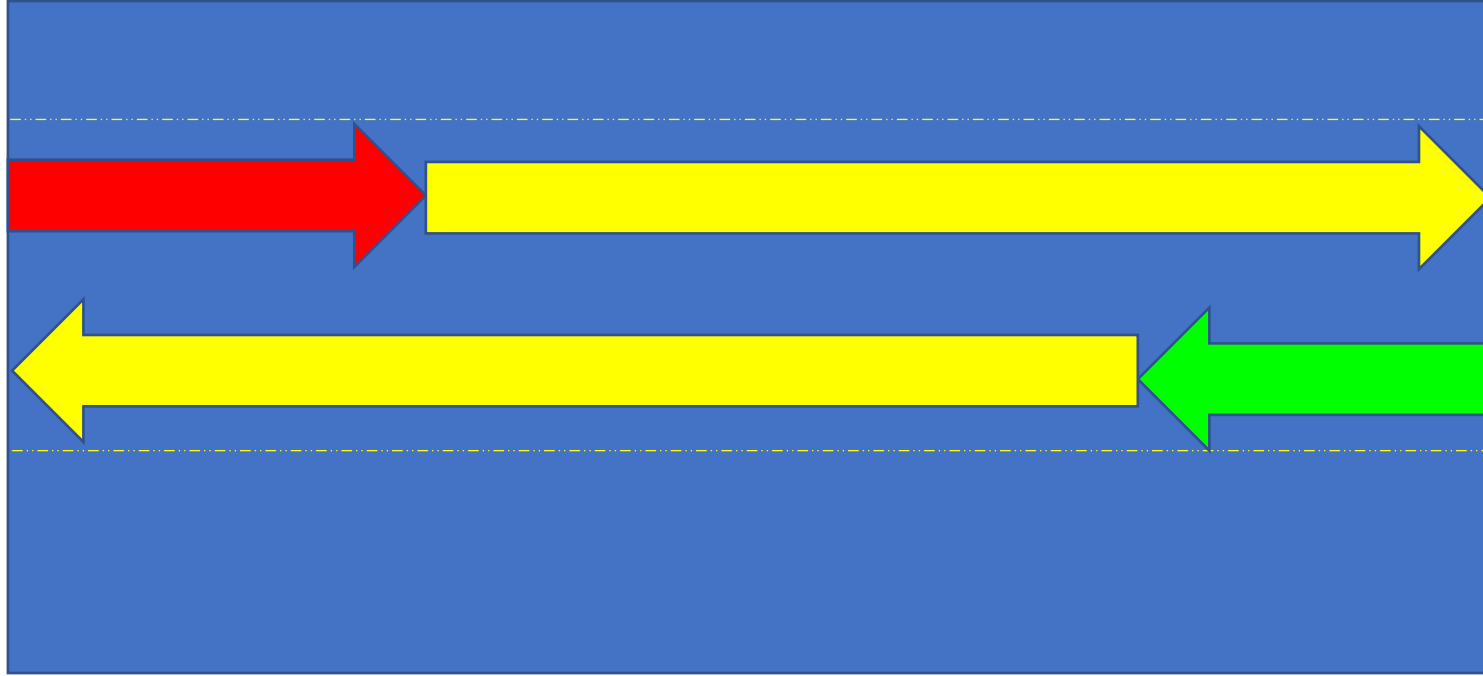And why not also include heart rate? That could be useful too.

It is the combination of this 2 ideans which make it great

Why ?????

Because it is indeed PREDICTABLE and last enough for me to read ….

= I know at each and any moment what information I will see on the watch

Let see it on a swimming pool

On every pair of laps, I'll see the distance for a few seconds — just the time I spend swimming underwater.
Then, at the other end of the pool after each turn, I'll see the current time — again, just during the underwater phase.
And for the rest of the swim, the display shows the total duration of the exercise.

It is super easy for you to do this because you perfectly know each time I turn and change direction in the swimming pool and me too ☺ ☺ ☺ …. So I know exactly at any time which information I will get

The swimming pool being a 25 m or a 50 m does not change anything …..

Let see it now on a running stadium
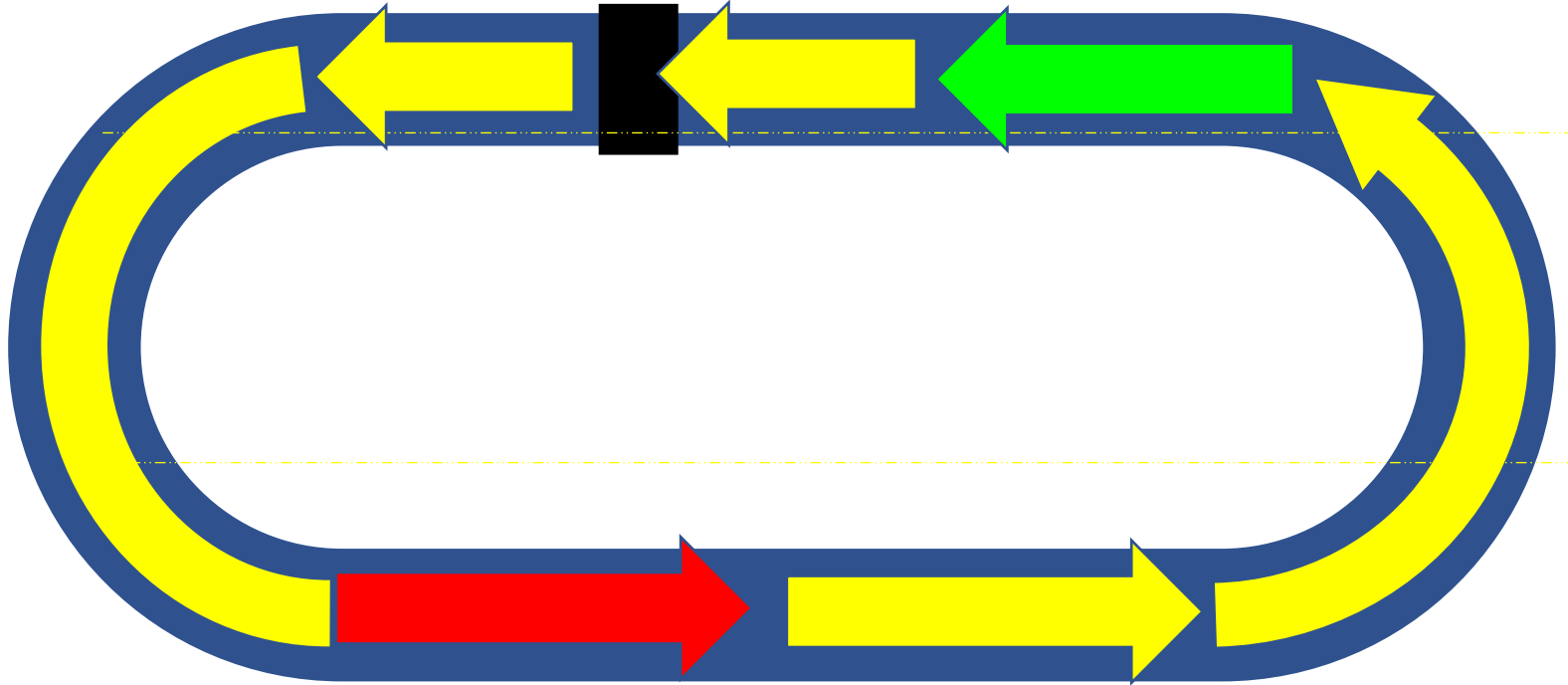
It is finally exactly the same …. The sole thing is that I may not have started from a turn.
So for sure it will not tell me precisely when I cross my initial start how much I did ….
But may be you can correlate this with GPS to arrive to this which for sure sill be better

In any case I arrive to same result n every pair of laps, I'll see the distance for a few seconds, the time to read
Then, at the other direction change, I'll see the current time — again, just during few seconds the time to read
and for the rest of the swim, the display shows the total duration of the exercise.

Let see it now on a walk or a running
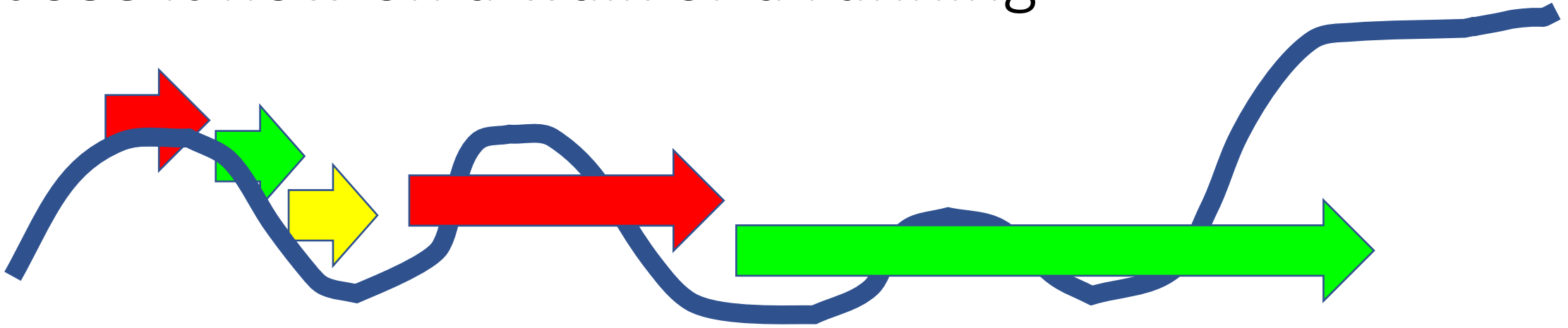
Here you cannot use the trick of the turns ….
So 2 simple possibilities

1) You let always the same display and the user change it though just a click on a button (I prefer this)
2) You rotate every each each 30 seconds ? Minute ?

Personnaly I will prefer the first approach as it is me who will have the control
Because option 2 makes it unpredictable …. I will need to see multiple time to get the information I was interrested

Now it's time to see the watch

Kilometer

meters

Next rotating display

If you pay attention the font for meters
Is far bigger than the one for kilometers

There is a valuable reason for that

Kilometer is a long distance
So It remains longer the same on the screen
And you perfectly know when you are at a
certain kilometer that the next one will
last for some time …
So you may not have seen it well just now
You will see the same soon in a few moment

In reverse when you swim for example
You want to know at which number of turns
You are in the swimming pool and how many
remains to arrive to teh next kilometer

So display it BIGGER !!!!!

Another approach is to put the long distance
In the gray place ….
… Instead of the next rotating display

Now it's time to see the watch

hour

minutes

37:10

37 min

Next rotating display

Same remark for the time or duration
Than for distance
The hour are less important ... because 1 hour
Is a long period during an exercise

Now one more trick

How to differentiate between the time and
The duration

First of all you can put a small graphichal
Icon which give a certain modern aspect
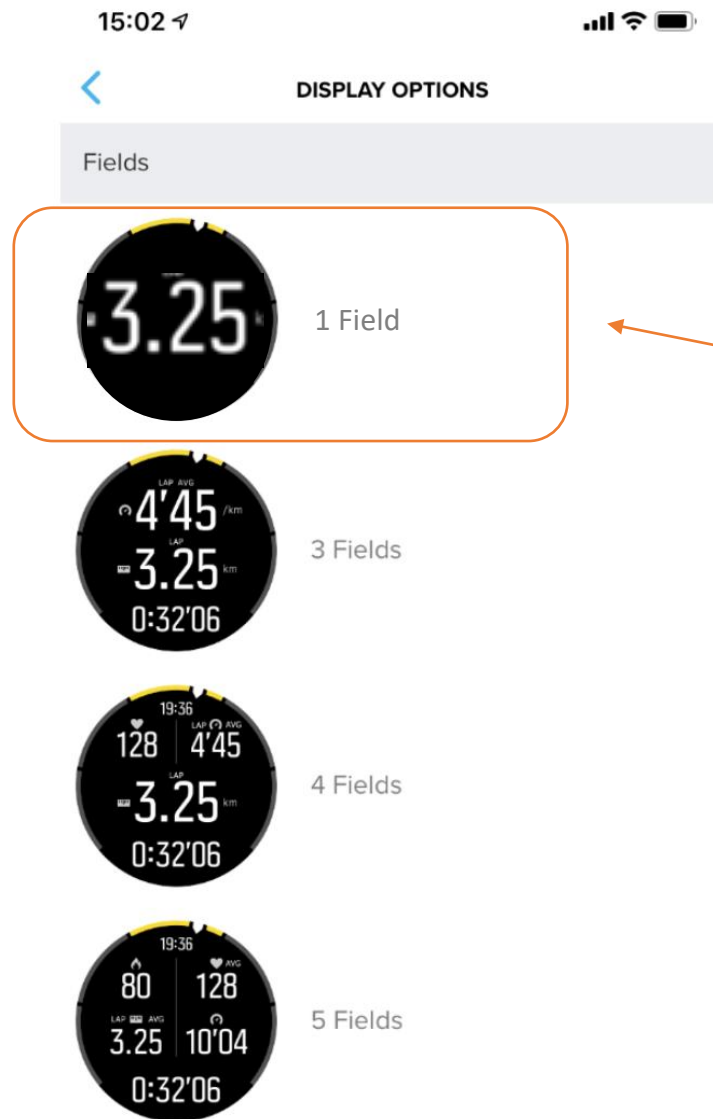But this is super small

So my idea is this

Distance and duration are in the SPORT color
Time is always WHITE
So now I know if I see a time or a duration

For swimming **RED FONT** ????
Is it not what is the most visible under water ?

How to setup this display

Add one option 1 Field
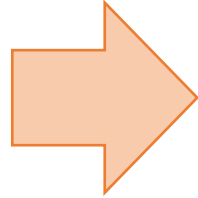which will be displayed extreemly huge

An a new « measure »
-    Rotating Information Distance / Duration / Time

Eventually another one
- Rotating Information Distance / Duration / Time / heart beat

So here the result ...

It's 57 minutes
and few seconds
Since I started

I have already
Achieved 3 kilometers
And now I'm at 525 m
In the fourth one
So still 475 to cover
To be at 4 kilometers

It's already 14h39
I have still approx
10% of the time, in fact
13 minutes to
accomplish this
exercise

Alternative with LONG distance or HOURS info in the gray place
Example if I see DURATION

One single
Information very big

As it is duration it's in
Minutes and secondes
to maximise the font

In case the duration became
greater than one hour

The hour information will appear
in the below box, this allow
to keep the font maximized for
minutes and seconds but
still to see the global time

Number of hours is less important
to appear big because
it does not change ….
.. during one full hour ☺

Alternative with LONG distance or HOURS info in the gray place
Example if I see DISTANCE

One single
Information very big

As it is distance it's in
Meters from 0 to 999
to maximise the font

In case the distance became
greater than 1 Kilometer

The distance information will appear
In the below box, this allow
To keep the font maximized for
the short distance but
Still to see the global one

Number of kilometer is less important
to appear big because
it does not change ....
.. during one full kilometer ☺

Alternative with LONG distance or HOURS info in the gray place
Example if I see TIME

Another idea but more sophisitacted

Simply it use your beautiful circle
That can be displayed all around the
watch

For the time
Display it in another
manner than duration
To distinguish it

The seconds can also
be displayed

If I can setup a maximum duration
or a ending time then
then the external colored ring
could show me where I'm from the
Start to now versus this information

For example here
I have already done 3/4 of the
Time I allowed to this exercise
It remains me 13 minutes
In the time I decided to allow

14:39

14:39

13 min