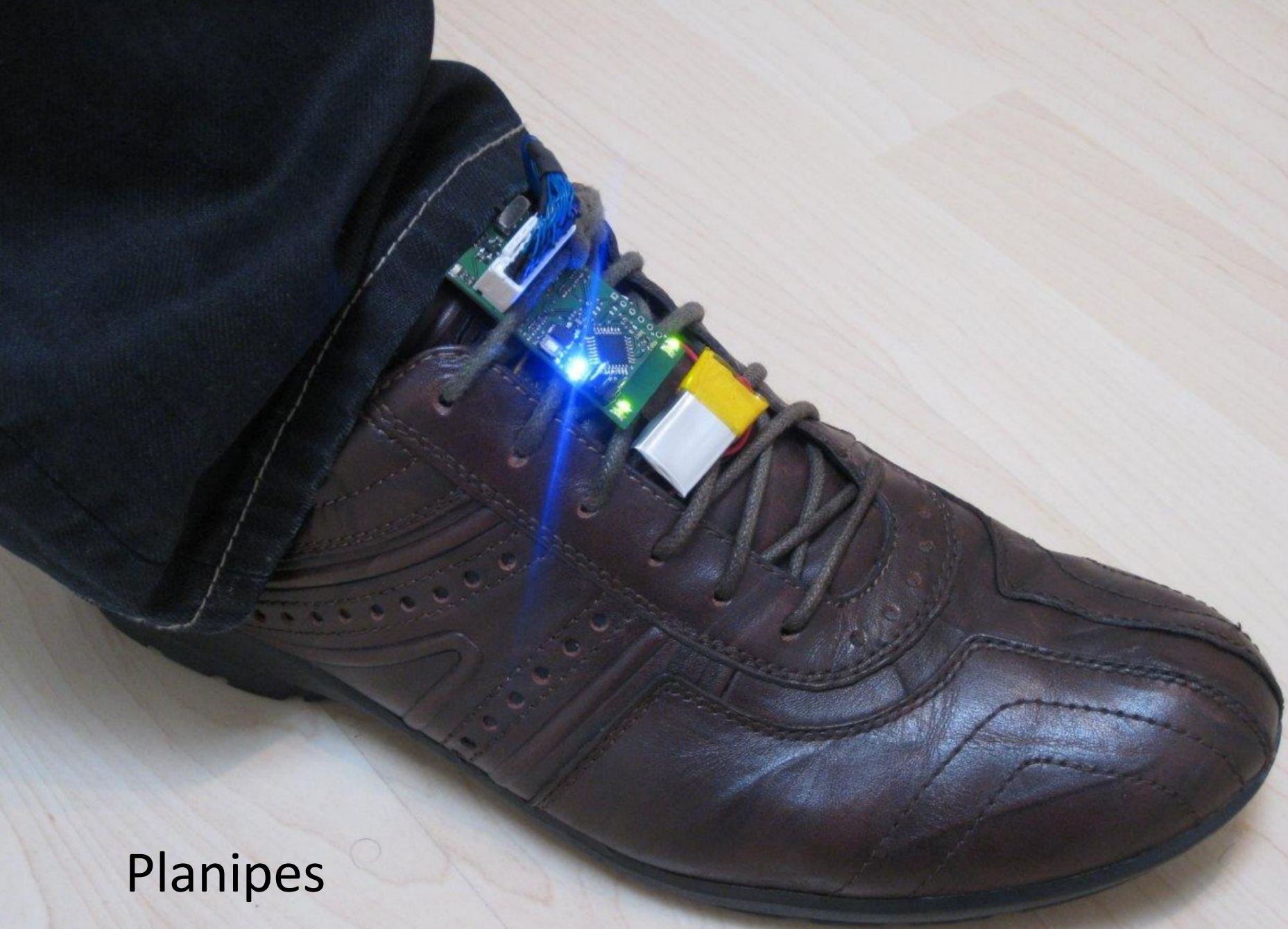


Health vs Privacy

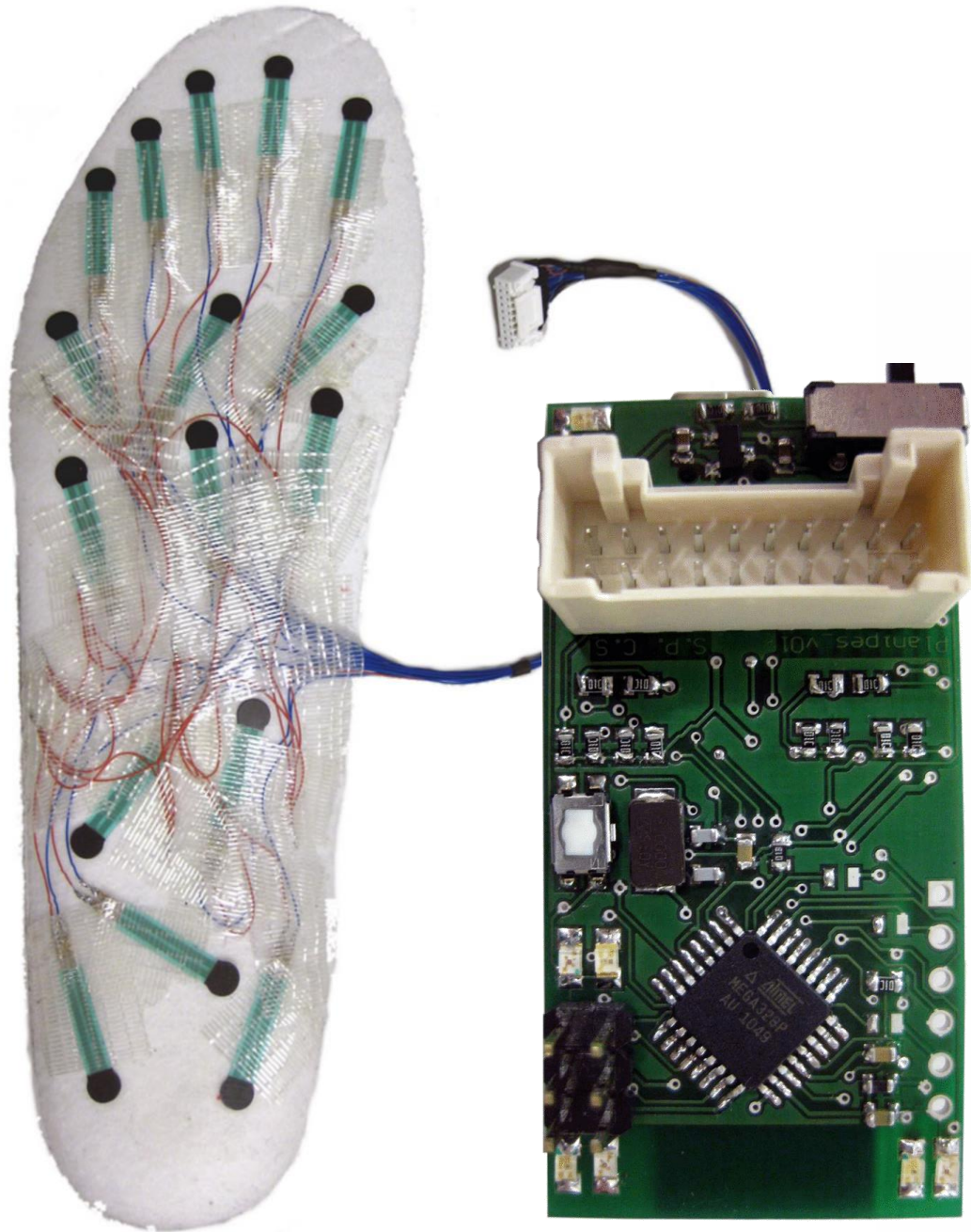


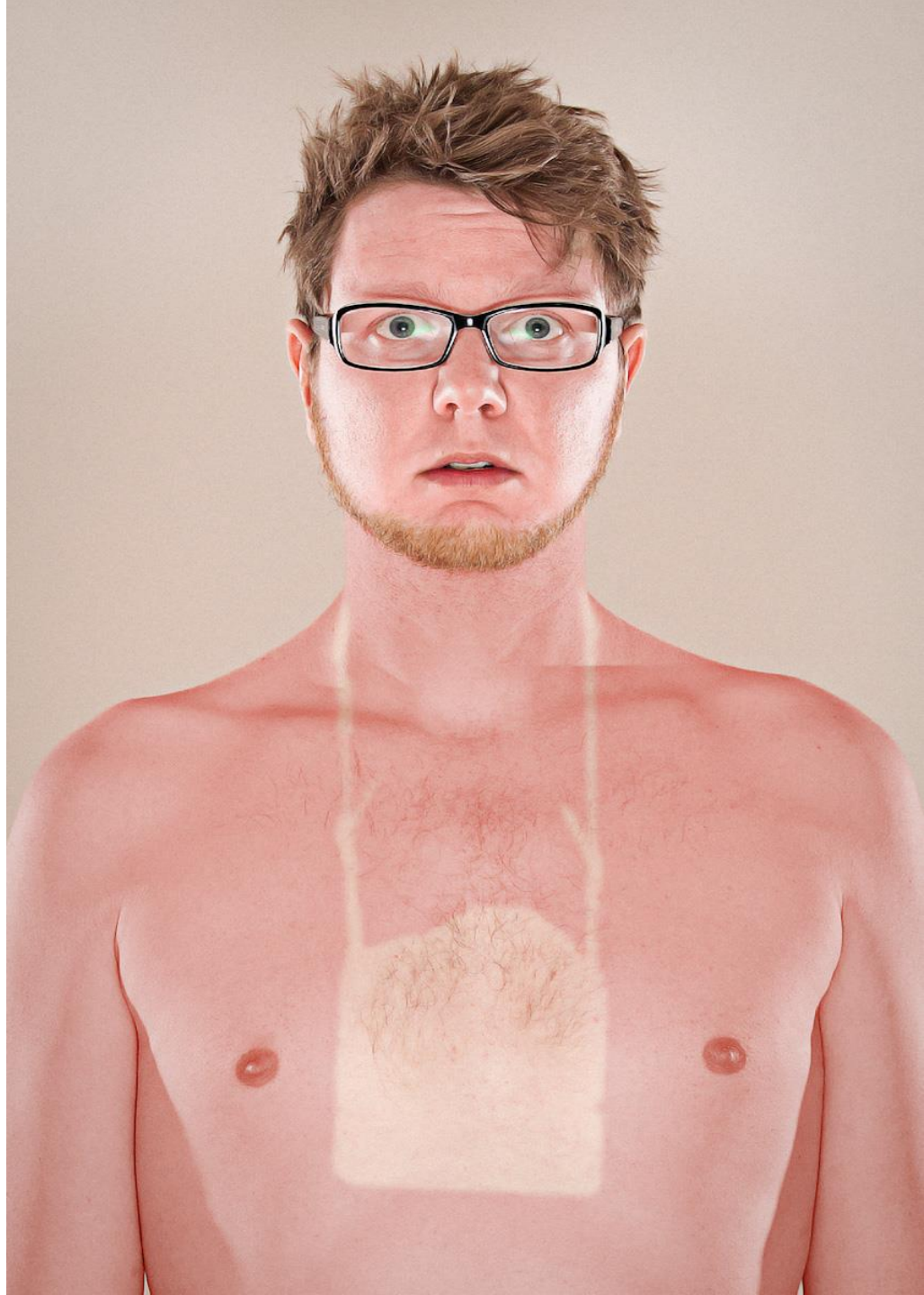
Roger Wattenhofer

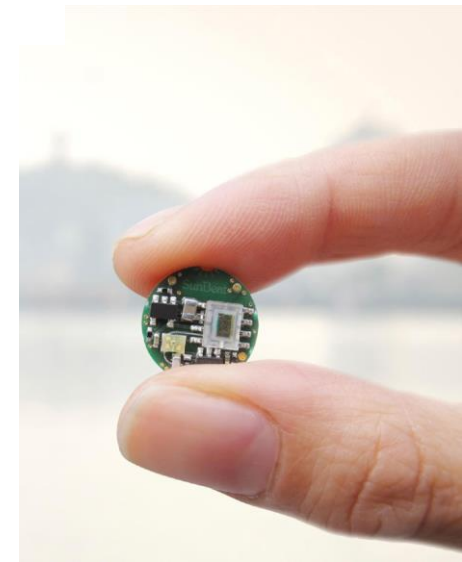
Health



Planipes









SUNBEAT

uv sensing for everyone



Biometrics





Harry Potter
THE DEATHLY
HALLOWS

How old was Prof. Albus
Dumbledore when he died?

your answer: **48**



ok

Harry Potter
THE DEATHLY
HALLOWS

Who is NOT one of the famous
Peverell brothers?

- Cadmus Peverell
- Antioch Peverell
- Godric Peverell
- Ignotus Peverell

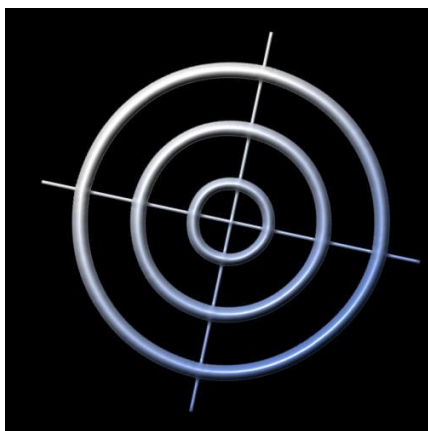
ok



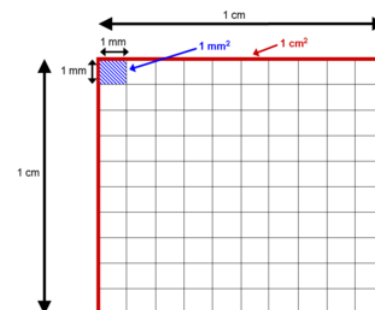
timing



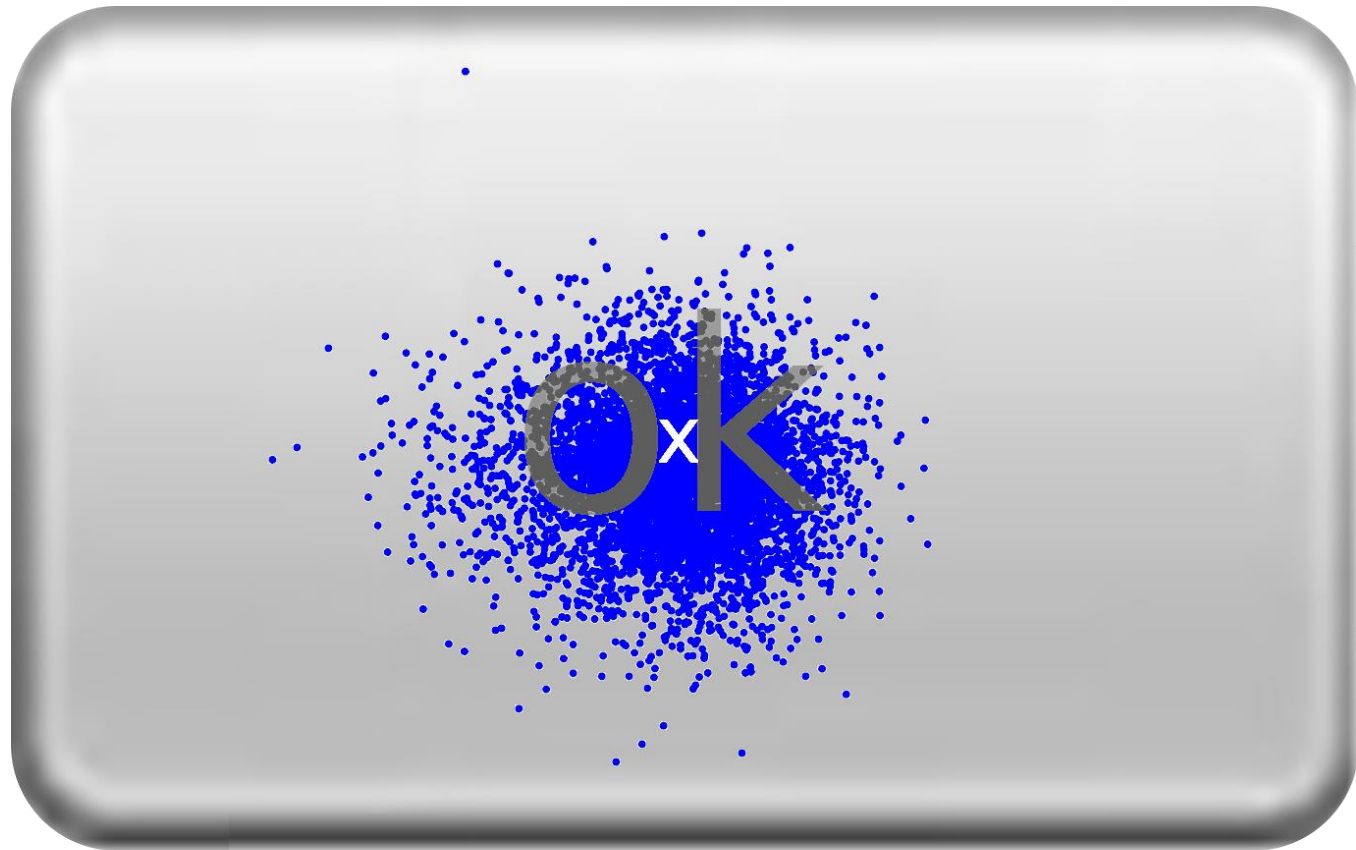
pressure



position



area



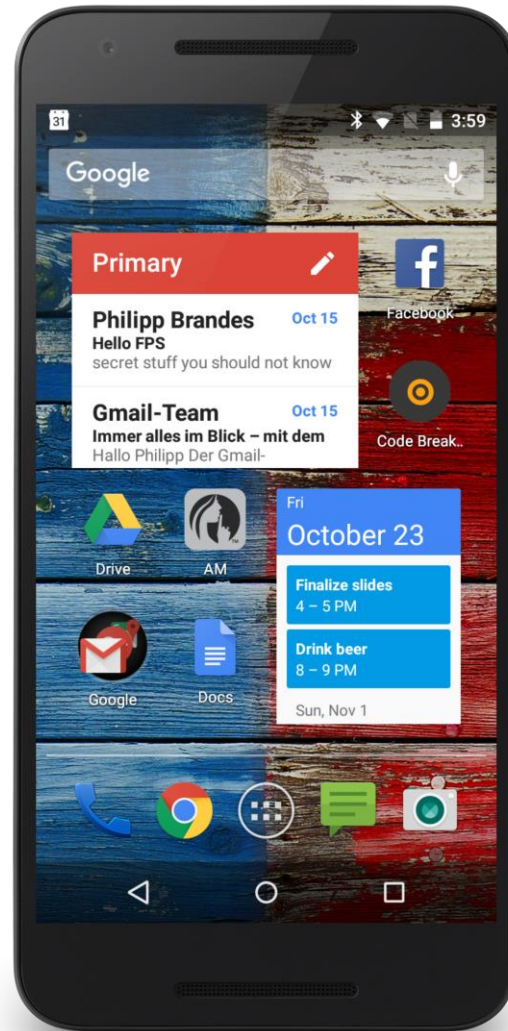
Kolly et al., 2012

Can we tell you from your partner?

Yes, we can.

Privacy

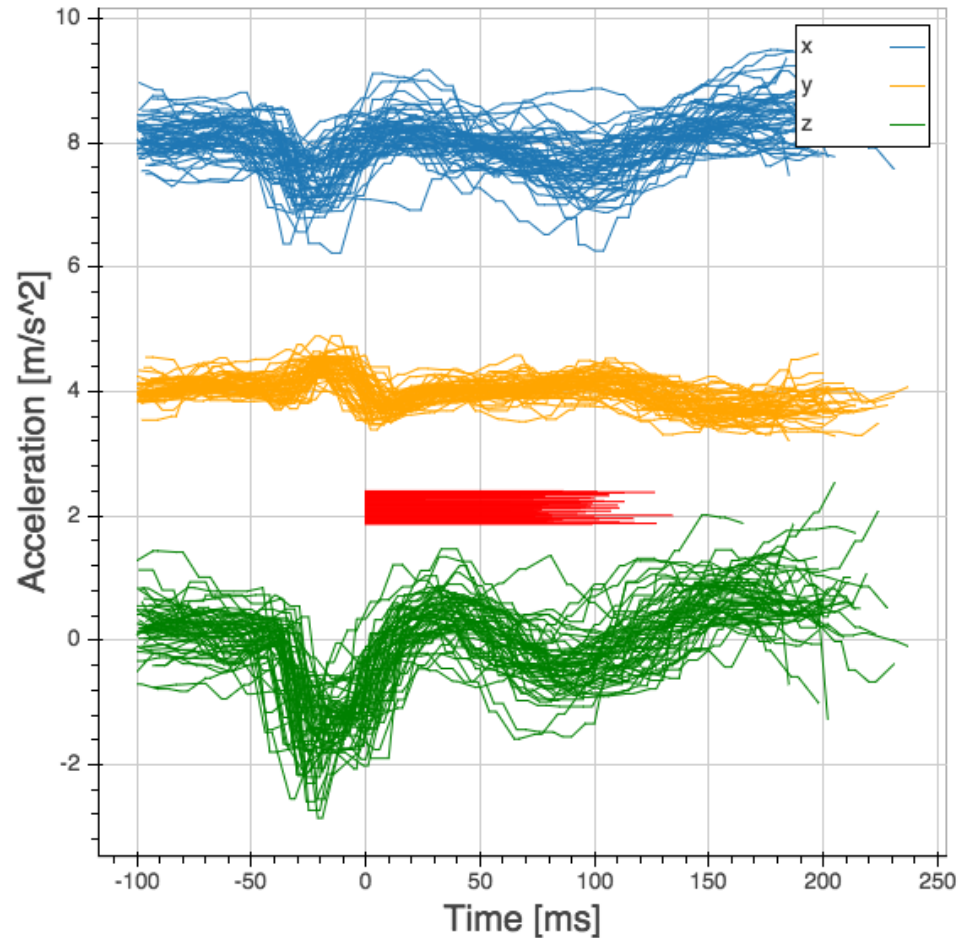
The secrets on your phone...



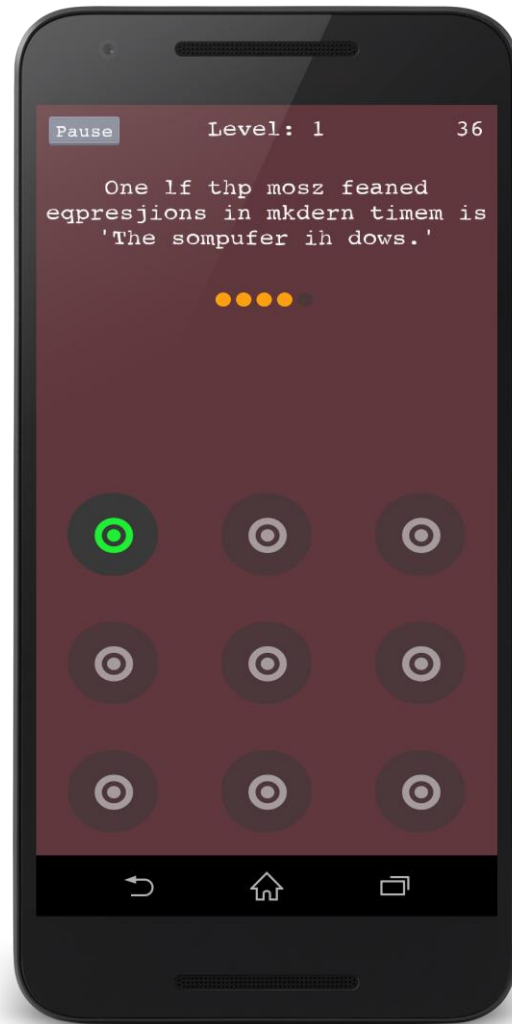
...are protected by a PIN code!



But when you tap PIN “1” ...

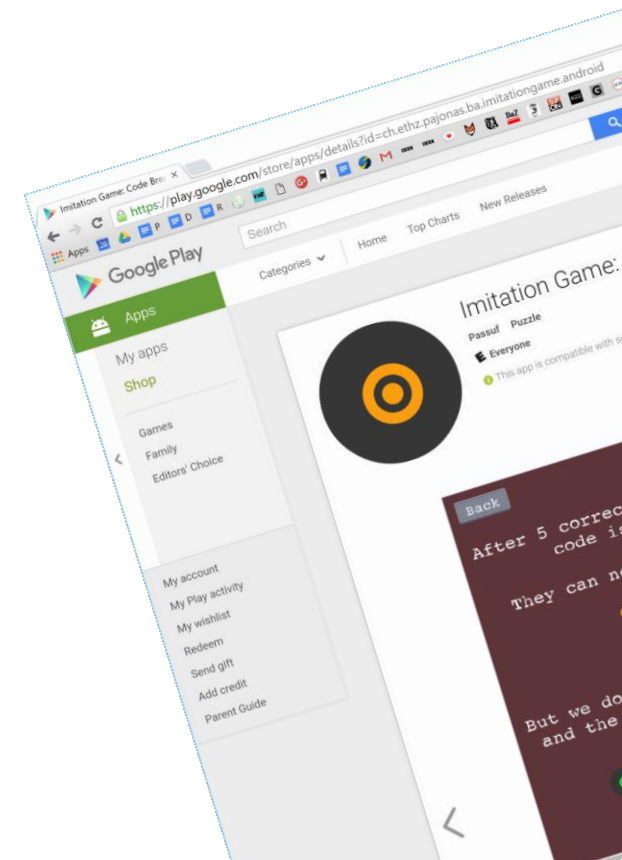


...any app can “feel” that too!

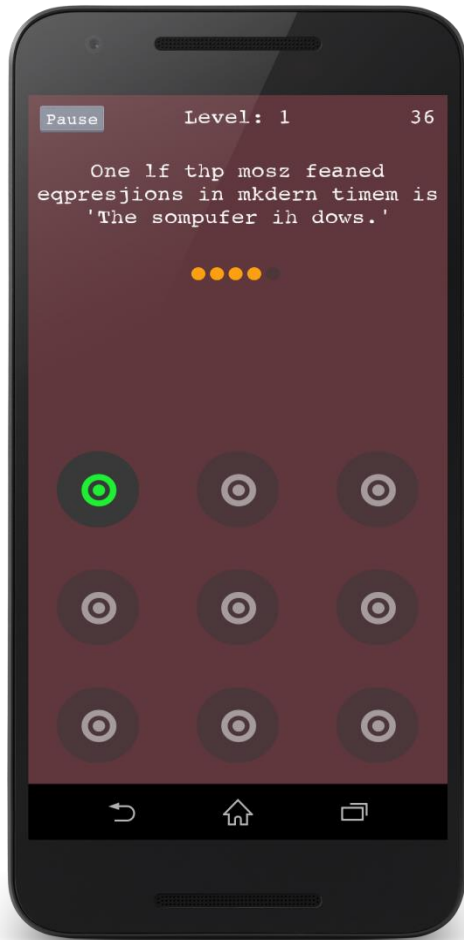


Installs

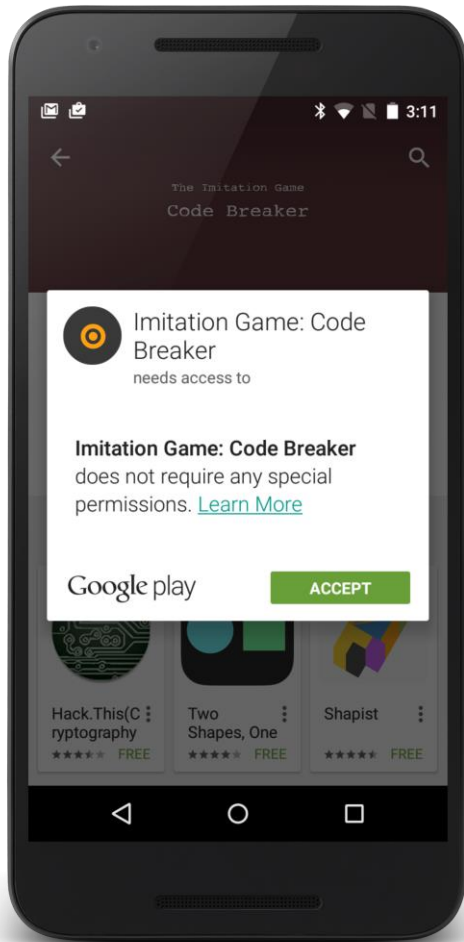
1,000 - 5,000



Game vs Login



Game vs Login



Can app figure out PIN?

Somewhat.

Health vs Privacy



Roger Wattenhofer

Countermeasures

