

Helvar #1

We want feedback – How are you feeling? What is wrong?

Background

We have sensors in the commercial buildings measuring occupancy, CO2, VOC, sound levels, temperature, light level etc. However, we really do not know how people are feeling in those premises. What is good? What is Bad? What to improve? Mobile apps are tested for this purpose, but people are not using those. Pushing smileys buttons can give feedback, but it is too general, not focusing on environmental parameters.

Task

Design & implement device that can collect user feedback of environmental conditions in the commercial building. Device should send data, it has collected to other systems, by using Bluetooth adverts. As an example; how satisfied people in the space are for temperature or lighting. Things to consider:

- Do you focus on specific area, like office, school, hospitality.... Or will you create general solution?
- How to make it intuitive and make users to give feedback?
- Is some kind of AI involved?
- How to power the device?
- Are you focusing on one parameter or multiple environmental parameters?
- Do you want to measure happiness, unhappiness, get improvement hints....?

