

IoT devices with cloud usability

idea

- easy-to-use functionality – connection via nfc
- compact size and lightweight
- cloud based technology
- multiplatform
- scalability



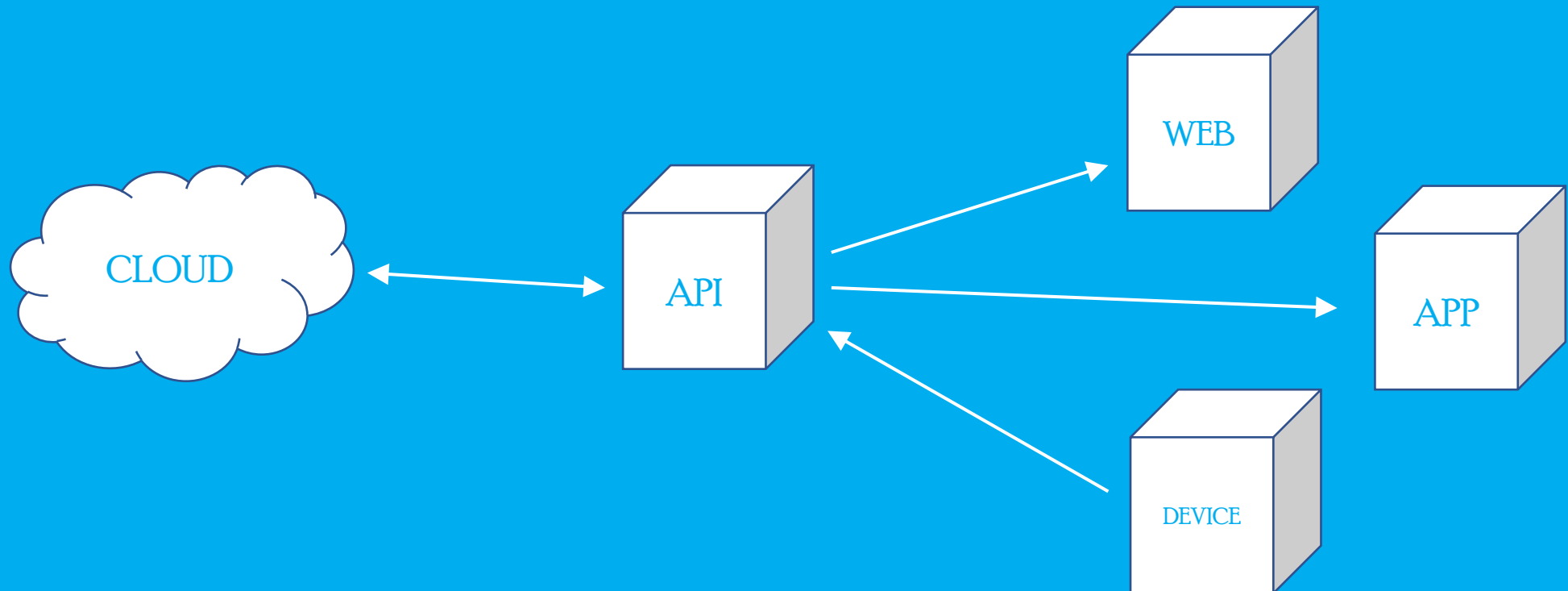
why easy-to-use?

- thanks to the NFC technology, the first setup is very simple.
- one user account for multiple devices



cloud based technology

- the sensor's data is easy to access (via API)
- easy to connect from all around the world



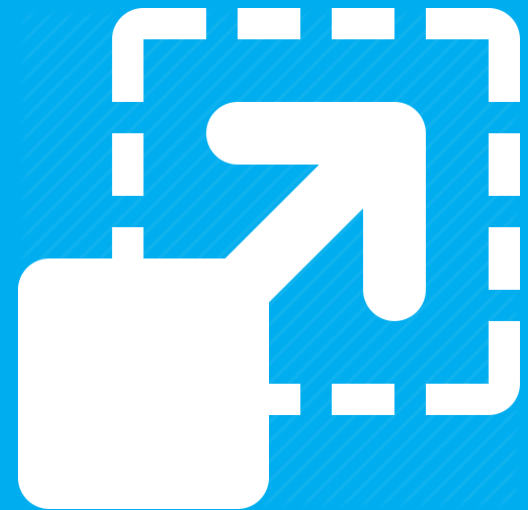
multiplatform

- Web application
- Mobile application (Android and iOS)
- Wearable smart devices (Android wear, Apple Watch)



scalability

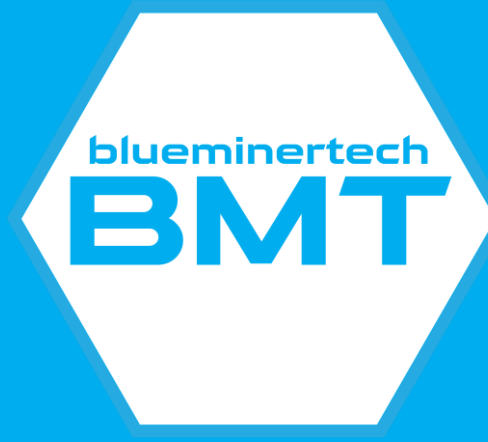
- easy to add new products to the database
- easy to reproduce
- cheaper products than „massive” devices



security

- token based authentication
- database injection prevent
- multiple type of communication





Hellyon SmartFlowerpot

recommend

- for educational purpose
- for workers, who not have free time
- for travellers, who are often on road
- for everyone, who takes care
of future

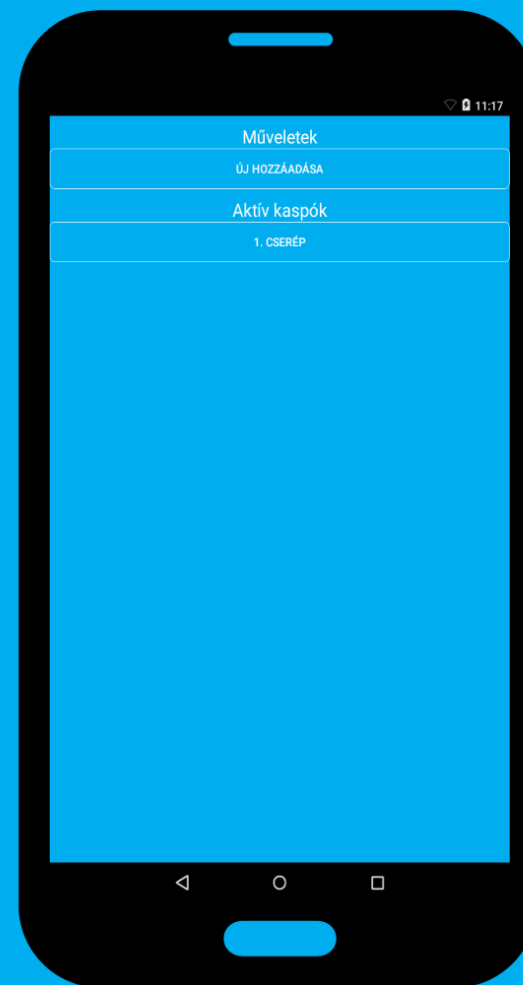


costs

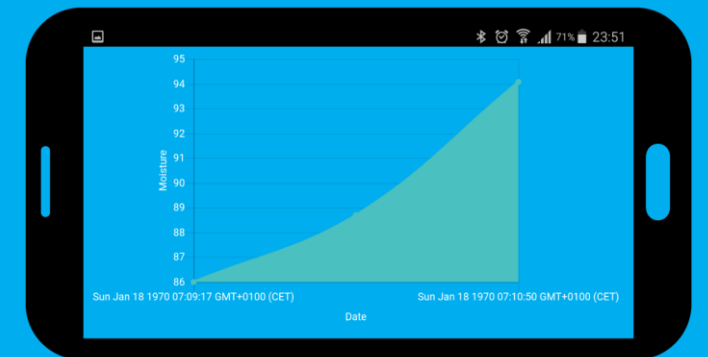
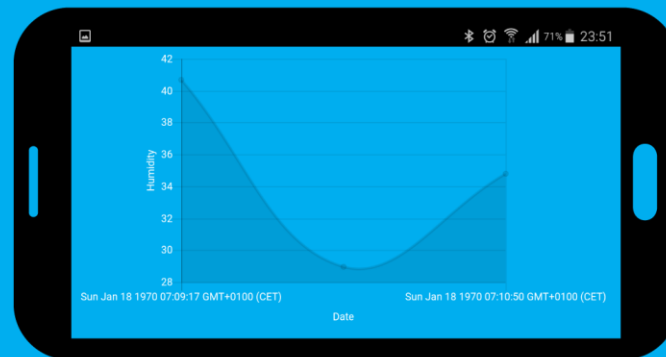
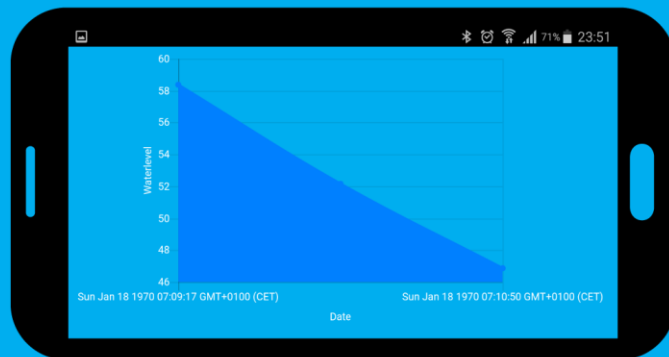
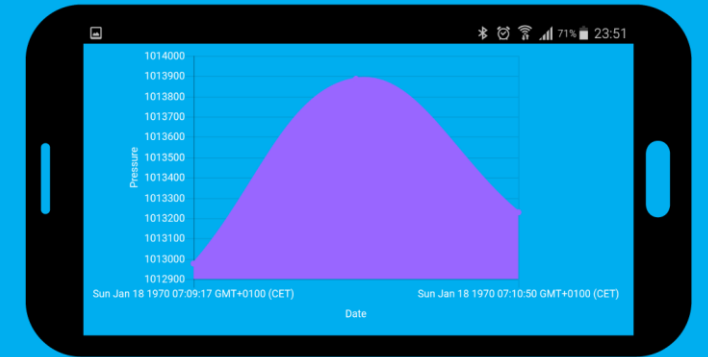
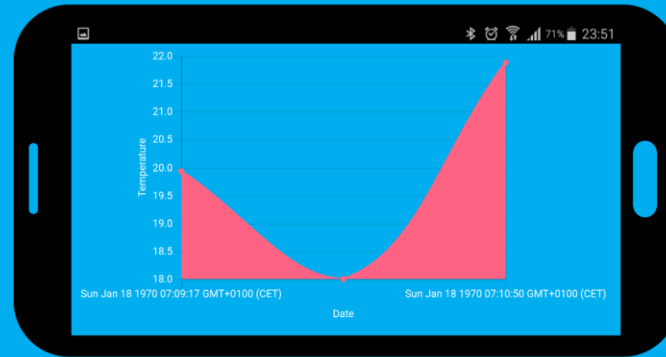
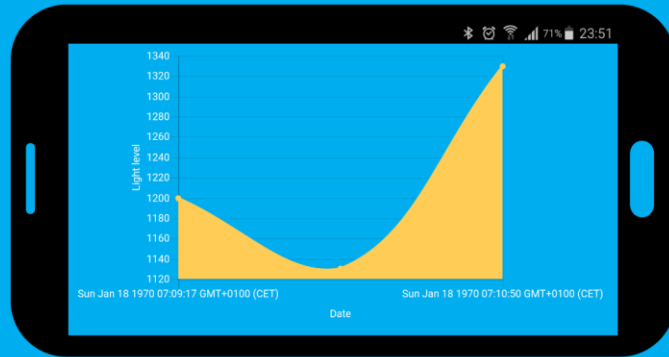
- approx. \$60
- Included:
 - board
 - wifi module
 - nfc
 - battery
 - display
 - sensors

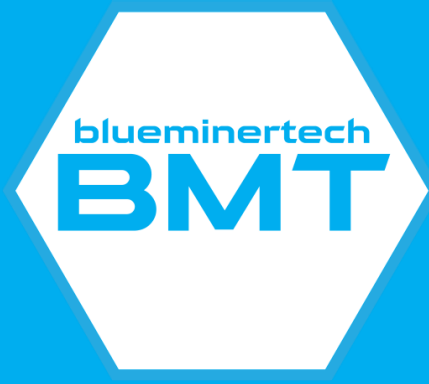


application (preview)



charts (statistic preview)





SerialLedController

recommend

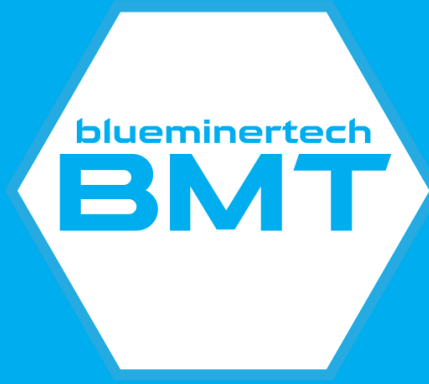
- for educational purpose
- for kids, who would like learn programing
- for hobby projects
- for any venturesome



costs

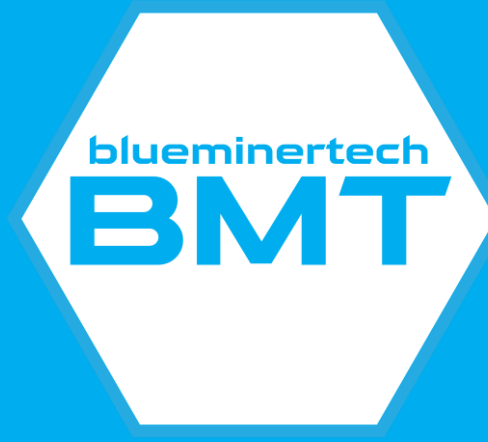
- approx. \$15
- Included:
 - board (+dc jack)
 - ethernet module
 - relay
 - power supply
 - led strip





future projects

- Smart Coffee Brewer
 - Smart Mirror
 - Smart Locks
- Various Android & iOS applications
- (and Smart Peoples):P



Thanks for your attention!