

Product Concept for Electronics



Problem:

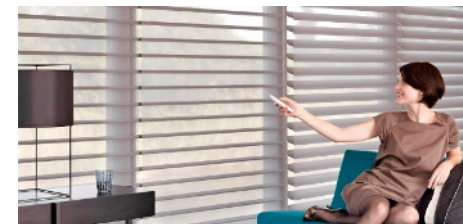
- A Passive House heat up a lot during the summer time

Conventional Solution:

- a. Cool down with an air conditioner



- b. to prevent the house for over heating the tenant has manually to adjust the venetian blinds



Product Concept for Electronics

Infrastructure:



Passive House

Sensor



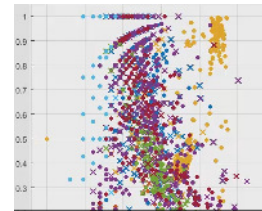
Interior temperature sensor

Connectivity



WiFi Connection

Analytics



Data Collecting of

- Interior temperature
- Luminosity
- Wind speed
- Rain volume

Smart App



Controlling the

- Interior temperature
- Luminosity
- Positioning of the venetian blinds depending on
 - Temperature
 - Wind speed
 - Rain volume

IoT Solution:

The venetian blinds will be controlled by a smart connected device