Flexigrow

Gathering electricity usage data for houses that are not connected to the gas network.

**Project Definition**
The Flexigrow project is dependent on the data they receive from the households. Due to bankruptcy of the IT company that gathers and delivers this data, the project has come to a hold. In order to make sure the project can continue, there needs to be a replacement for this service. Creating this replacement is our challenge!

**Requirements**
As you can see above, the data collection device has to be able to read out several kinds of device. It needs to be able to read out smart meters, solar panels and heat pumps as a starter. However, the Flexigrow project is interested in maybe adding additional devices for additional information. For this purpose, the project team has to make sure the data collection device is extendable in the future. Taking this into account makes the project more challenging but also more interesting.

**Current Results**
- Prototype data collection device
- Prototype database system
- Documentations (Plan of approach, requirements, design documents, research documents)

**Further steps**
- Extending and proper testing prototypes
- Creating monitoring application
- Creating user application

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