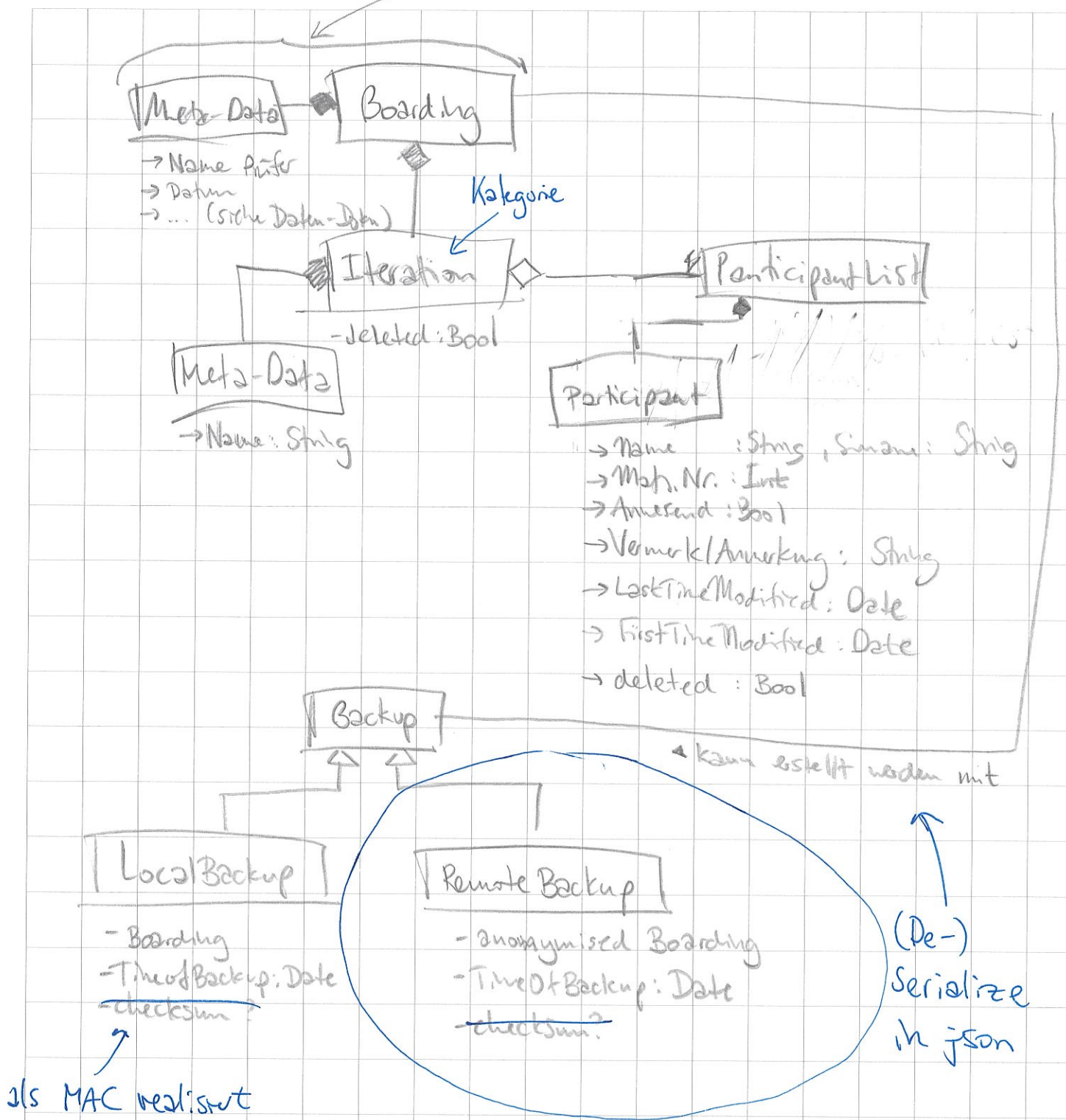


basierend auf Input-File

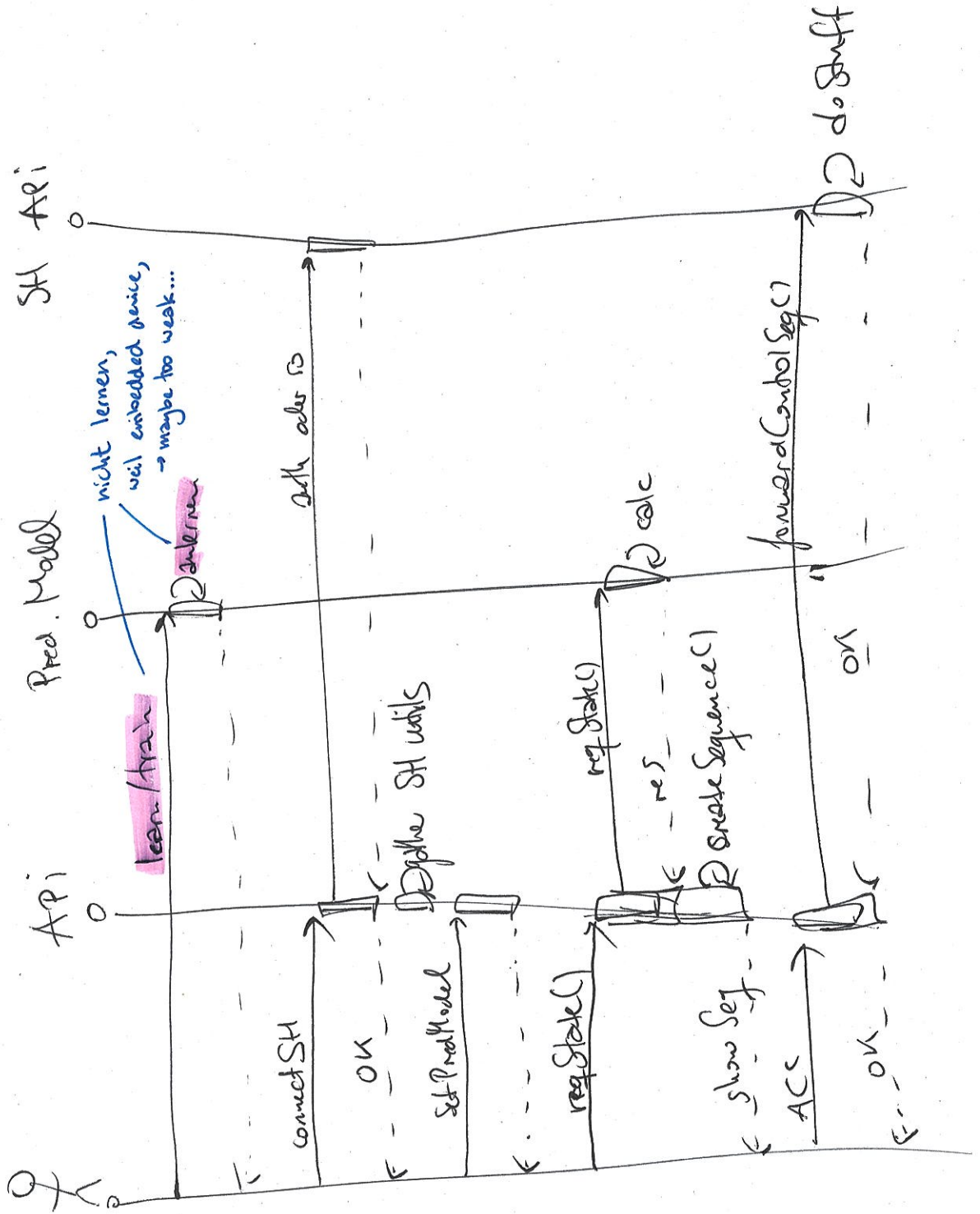


SETUP

1. Connect FW to SH-API (credentials hardcoded or via REST call?)
2. Fetch, gather services + devices + env. properties.
3. Set prediction model(s) to environment property.
4. Do fancy shit!
 - 4.1. "Common" command to control devices + services.
 - 4.2. "Special"/"Predictive" command to control env. property.
 - 4.3. Get SH device, service, etc. states.

8

El Canal Sign. (mod p-A)



PoC

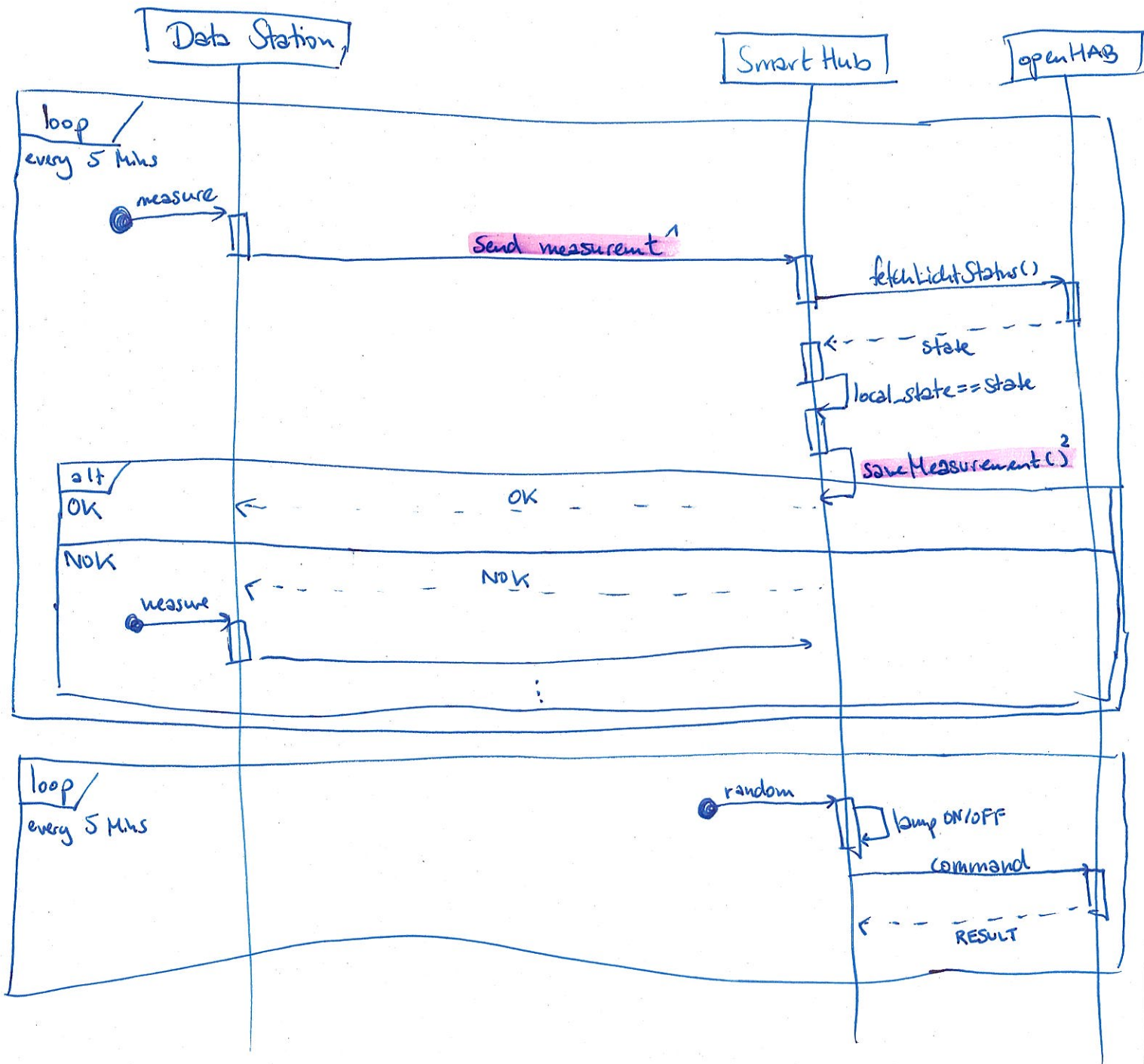
alle 5 Minuten:

Messstation:

1. Lichtht. messen
2. An SmartHub senden

P: / SmartHub:

1. zufällig Licht an/aus
2. Licht ggf. Steuern



1 measurement:

```
{  
  timestamp: YYYY-MM-DD HH:mm:ss,  
  value : <INT>  
}
```

OR

```
{  
  timestamp: <milliseconds>,  
  value : <INT>  
}
```

2 Save Measurement:

```
{  
  timestamp: <see above>,  
  value : <INT>,  
  light devices: [  
    device_type {  
      plug: {  
        name: plug <name>,  
        value: ON <value>  
      },  
    ],  
  ]  
}
```

EX:

```
{  
  timestamp: "2023-06-13 12:00:11",  
  value : "2083",  
  devices : [ "plug": { "name": "Shelly PlugS",  
    "value": "ON"  
  },  
  ],  
}
```

~~time~~ time → append to measurements.json

→ Security backup / copy every 30/60 minutes