1. **DeviceDictionary.json**

This file contains all the device attributes in json format. The parameters and physical models of the houses are adopted from this paper “A Realistic Dataset for the Smart Home Device Scheduling Problem for DCOPs” link : <https://link.springer.com/chapter/10.1007/978-3-319-71679-4_9>

1. **Preferences.json**

Preferences of the smart home is listed here in json format. We follow the previous paper and state the rules as preferences. We can have two different type of preferences i.e. active preferences (leading with 1) and passive preferences (leading with 0).