A Universal Platform for Building Energy Management

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Outline

Objectives

- Narrow down idea for new device
- Implement scheduling feature for motor in BEMOSS

Changes to Plan

- Abandoned plan to integrate stepper motor (little to no application)
- Decided on new device - Sensibo Sky

Details on New Device

- Sensibo Sky - Smart air conditioner controller
- Connects to any AC unit through IR remote
- Compatible with IFTTT, Amazon Alexa, Amazon Echo, Google Home
- Capable of measuring temperature, humidity, battery voltage of air conditioner
- Set fan speed, temperature, swing mode, temperature unit (F, C) of air conditioner
- Open API - `https://github.com/kdschlosser/Sensibo_Sky_API.git`

Implementing Motor Scheduling

- Added view function `motor_schedule` in `webapps.schedule.views.py`
- Copied from view function `plugload_schedule` in same file

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- Exception thrown at line 3 of `motor_schedule`
- 'User' object has no attribute 'group'
- Code:

```
user_group =
request.user.group.all().values_list('name', flat=True)
```

Plans

- Fix issue with scheduling
- Start integrating Sensibo Sky

Any questions?