

Looking to make:

- A calendar class
- An event class
- A payload of events {event1, event2} ...

Calendar class is there to visualize the events on the calendar

## 1) Calendar

### 1.1 Short Cal - Represents one day

- The smallest unit is “minute”
- **All minutes must be allocated to one event**
- A day has 1440 “minute” units
- By default, 1440 minutes are allocated to the “free” event.

## 2) Event

### 1.1 Event - First iteration

- Can either be a TASK or a BLOCK
- **Event Groups**
  - A category where you want to group your events in
  - `group_id` : serial
  - `event_group_name` : name of the group given by the user
  - *By default, there is a group called misc. This is the group for events with no group*
- **Events**
  - **TASK**
    - **task\_name** : event name
    - **task\_group**: event's group
    - **duration\_estimate** : an estimate in “minute”s (int)
    - **Cannot be on the calendar**
  - **BLOCKS**
    - **start\_time**: start time HH:MM
    - **end\_time**: end time HH:MM
    - **start\_time\_pos**: position of the start minute bucket
    - **end\_time\_pos**: position of the end minute bucket
    - **block\_name** : event name
    - **block\_group** : event's group
    - **duration**: derives from end and start time
    - **Has to be on the calendar**

## **1.2 UP UP**

- Expand event Class / Visualization to 7 days!
- Create Payload for Ping