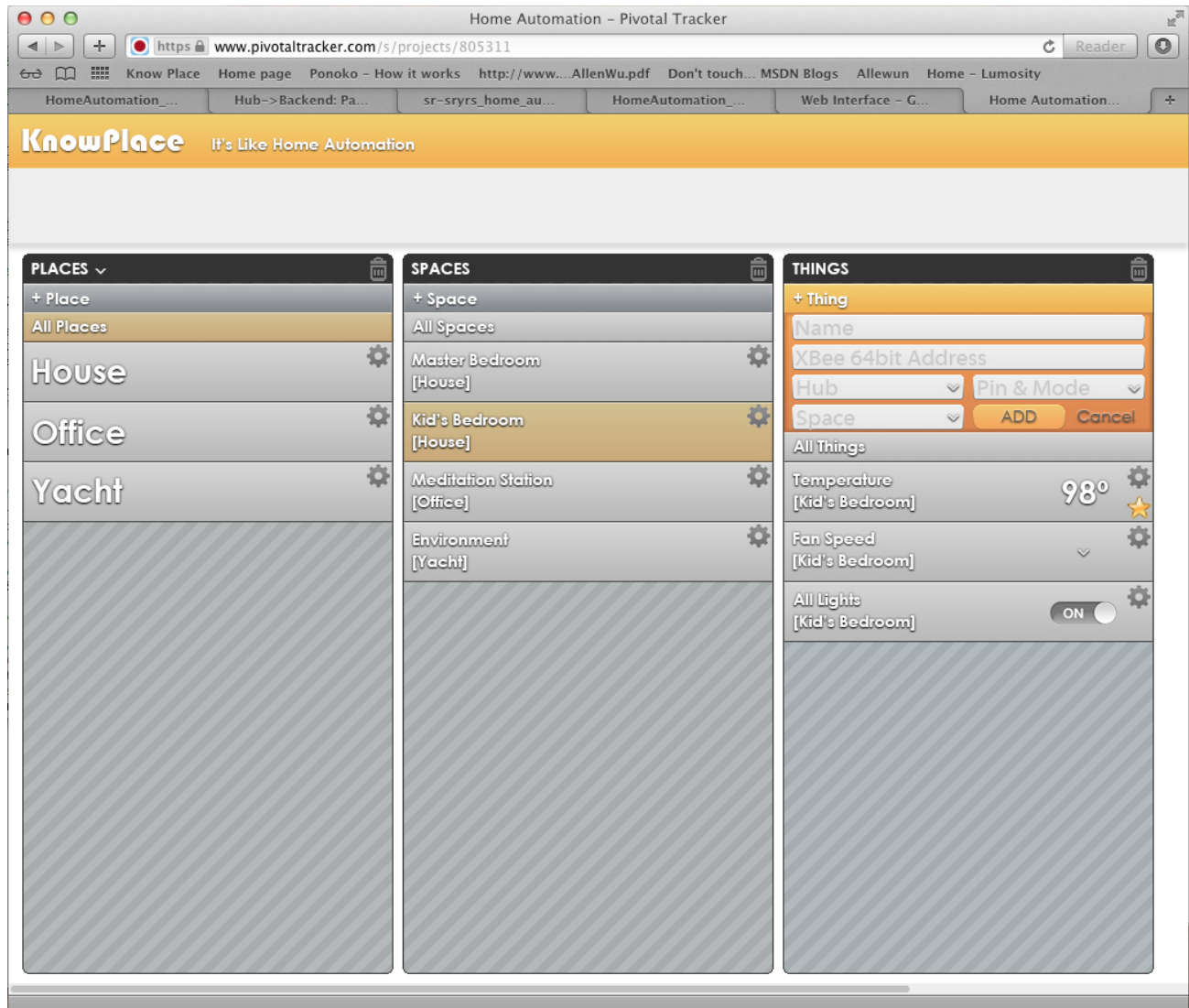# Website User Interface

Login
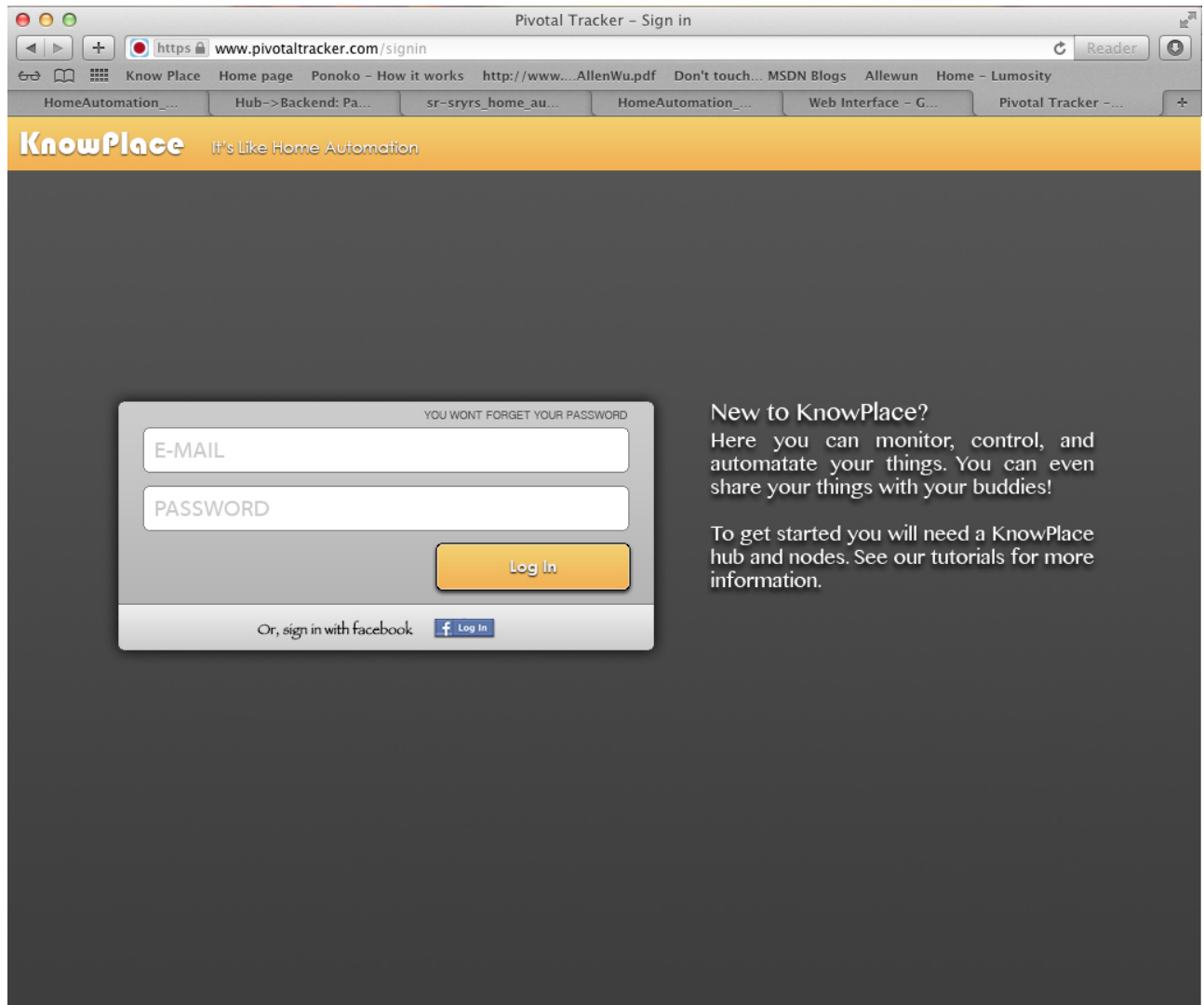
Views

Places View

<u>Heading Types</u>

Title (dark grey gradient)
- Clicking down arrow reveals drop down menu where other views can be selected
  - There a three views, Favorites, Places, and Events
- Garbage image is only visible when an item is selected

Subtitle (mid grey gradient)
- Option to add an item
- Clicking this reveals a sub-bar in a darker color where the item can be initialized

Items (light grey gradient)
- One item at a time can be selected
- Selecting an item gives it a bright yellow-orange gradient

- Selecting an item expands it's contents in another column to the right
- When an item in a child column is selected, the parent columns are desaturated 50%
- All items have a settings nut in the top right corner of their bar that appears when selected.

<u>Column Types</u>

Places (1th column)
- Places are automation networks, possibly consisting of more than one hub.
  - Ex: a regular hub with multiple mobile devices
- Items under the places column display the user defined name of the place.
- The bar is full size
- The settings sub-bar contains these fields:
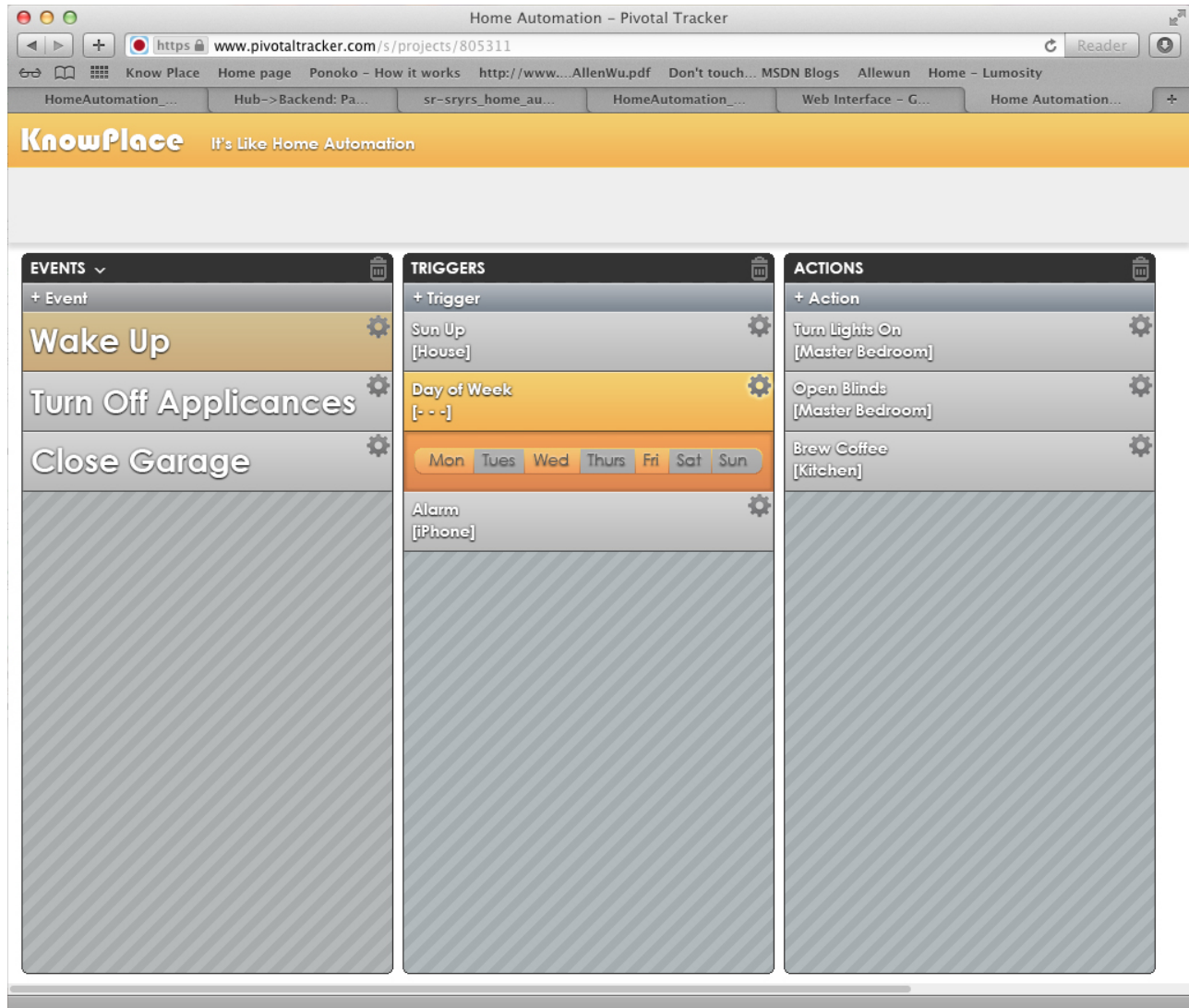 - name
  - save

Spaces (2nd column)
- Spaces are the parts of a place.
  - A space belongs to one place per user
  - If a place is a house, a space might be a room.
- When "All Places" is selected in the 1st column, all of the spaces a user has configured are shown.
- To help sort spaces, all spaces belonging to the same place are listed together.
- The name of a space is displayed in the top half of the bar.
- The name of the place the space belongs to is displayed in [brackets] in the bottom half of the bar.
- The settings sub-bar contains these fields:
  - name
  - place
  - save/cancel

Things (3rd column)
- Things represent either sensor or control nodes within a space.
- A thing can belong to multiple spaces.
  - Ex. an iPhone might belong to a mobile space in two different places
- By default, a thing without a space or place is added to the "Thing Space" space in the "Thing Place" place.
- When "All Spaces" is selected in the 2nd column, all of the things a user has configured are shown.
- To help sort things, all things belonging to the same space are listed together
- The name of a thing is displayed in the top half its bar.
- The name of a space the thing belongs to is displayed in [brackets] in the bottom half its bar.

- Things that are sensors display their data on the middle right side of the bar.
    - For the first iteration when a sensor only uses one pin
- Things that are controls are either digital or sweeping
    - digital controls display a toggle switch in the middle right of the bar
    - sweeping controls display a down arrow in the middle right of the bar
        - clicking the down arrow reveals a sub-item with a slider bar
- The settings sub-bar contains these fields:
    - Name
    - XBee address
    - Hub
        - drop down menu
        - add hub option at bottom of list (required)
    - Pin & Mode
        - drop down menu
            - 0 Digital
            - 0 Analog
    - Space
        - drop down menu
        - add spaces option
        - added to "play space" if nothing selected
    - save/cancel

Events View

Heading Types

See Headings Types in Places Views

Column Types

Events

- An event is a combination of inputs or a combination of outputs.
- Items under the places column display the user defined name of the place.
- The bar is full size
- The settings sub-bar contains these fields:
  - name
  - save/cancel

Triggers

- A trigger is an input value from either a list of options or data from a sensor.

- If an event is not selected, the triggers column is inactive, not clickable
- If an event is selected, a trigger can be added
  - this guarantees that a trigger belongs to an event
- There is no reason to see the triggers of all events in the same column. An "All Events" bar does not exist in the EVENTS column so this does not happen.
- The name of a trigger is displayed in the top half of the bar.
- The name of the place the input belongs to is displayed in [brackets] in the bottom half of the bar.
- The first type of trigger is web input
  - day of week
  - time
- The second type of trigger is sensor input
  - analog data
  - digital data
- The settings sub-bar contains these fields:
  - Name
  - web/sensor input type
  - specific input type based on selection above
  - save/cancel

Actions
- An action is an output value for a control node.
- If an event is not selected, the actions column is inactive, not clickable
- If an event is selected, an action can be added
  - this guarantees that an action belongs to an event
- There is no reason to see the actions of all events in the same column. An "All Events" bar does not exist in the EVENTS column so this does not happen.
- The name of an action is displayed in the top half of the bar.
- The name of the place the input belongs to is displayed in [brackets] in the bottom half of the bar.
- The first type of trigger is digital output
  - high
  - low
- The second type of trigger is sweeping output
  - value between 0-100
- The settings sub-bar contains these fields:
  - Name
  - output type
  - specific output value based on selection above
  - save/cancel

Fonts
Logo

- Bauhaus 93
- 28 pt

Slogan
- Century Gothic
- 14 pt
- bold

Title
- Century Gothic
- 14 pt

Subtitle
- Century Gothic
- 14 pt
- bold

Item
- Century Gothic
- 14 pt
- bold

Text Boxes
- Myraid Web Pro
- 20 pt

Settings Text
- Century Gothic
- 14 pt