

## BASIC VUE.JS

**Please Note:** This worksheet aims to practice the usage of the VueJs framework.

### 1) Zone component

a) Create a folder "CAD/Worksheets/05---VueJs" to place the initial code of this worksheet. It is important to follow this structure to later use GIT. Copy to the folder all the code from the previous worksheet;

b) Install the VueJs package by typing "npm install vue";

c) To be able to use eslint with vue files install the following packages: " npm install eslint-plugin-vue --save-dev". Change the .estlintrc configuration file to:

```
module.exports = {
  "extends": [
    "standard",
    "plugin:vue/essential"
  ]
}
```

d) Replace each zone with a VueJs component. The component should be able to show or hide its contents;

e) Test, commit and push your changes to the remote repository.

### 2) Lights component

a) Replace each light with a vue component. The component should be able to emit the following events: "lights.on" and "lights.off";

b) The last update state should be reset every time the switch toggles. The state label should be refreshed every 30s;

c) Test, commit and push your changes to the remote repository.

### 3) Weather component

a) Replace the weather zone with a Vue weather component. Try to reuse the panel component by adding a property that enables or disables the refresh button;

b) Test, commit and push your changes to the remote repository.