

# User Manual

BMI Dashboard, Team Dash, December 3, 2015

## Setup

To setup the local MySQL database download MAMP(Mac - <https://www.mamp.info/en/>) or WAMP(Windows-<http://sourceforge.net/projects/wampserver/>). If MySQL drivers are not downloaded in your system, then please download them at <http://dev.mysql.com/downloads>.

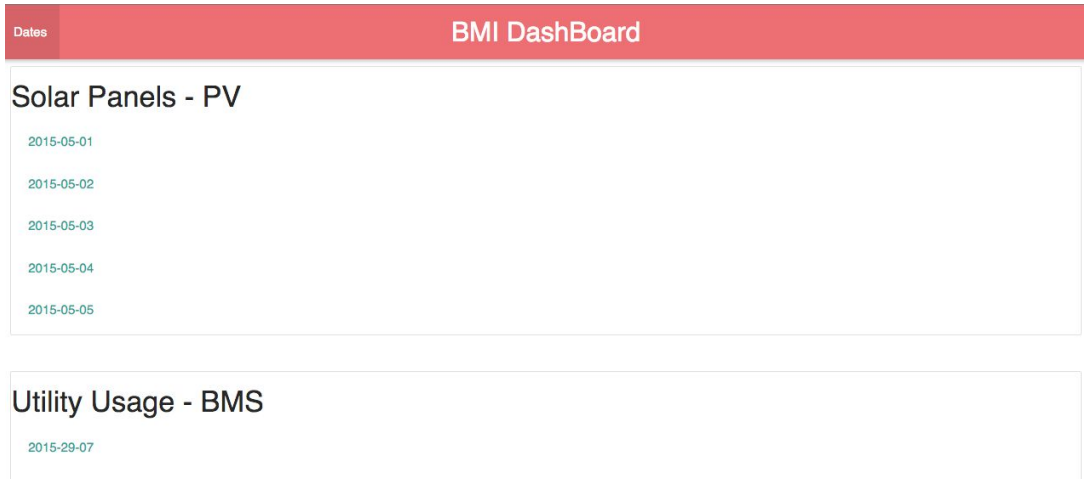
Once a local database is defined, on a Mac/Linux based system, open the Terminal app and type the following commands in the BMIDashboard\_Final\_Submission/DATABASE:

```
$ python -m SimpleHTTPServer 8888 &  
$ open http://localhost:8888  
$ cd ..  
$ python Simulator.py
```

## Navigation

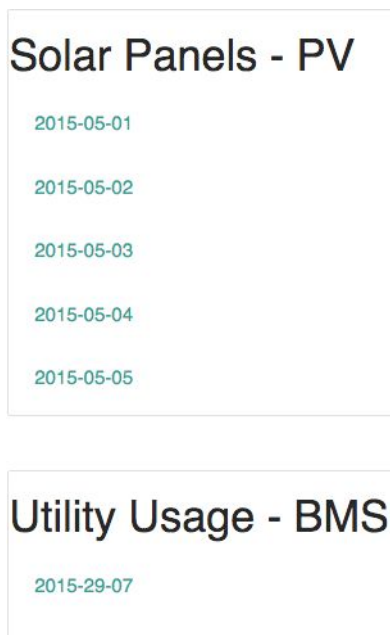
The commands will open a browser with the address <http://localhost:8888/index.html>

Once on the browser, you will see the main page.



## View the Data

There are two sets of data to be displayed. One is Solar Panels - PV data and the other is Utility Usage - BMS data.



Click on the any of the buttons (depending on which view you are in PV or BMS) to see the line chart dynamically change and update.

## Solar Panels

2015-05-01



## BMS 1

2015-29-07



## BMS 2

2015-29-07



## Returning back to Home page

Click on either “Dates” or “BMI Dashboard” on the navigation bar to return to the homepage with the dates listed.



## Alternative Demo of Dashboard

Visit <http://kthotav.github.io/CMPS115/index.html> for a public demo. Navigation and viewing data works similar to the localhost instructions.

## Getting New Data

Refresh the webpage for new data. If new data exists in the data files, then the change will be reflected.