

# Mockup

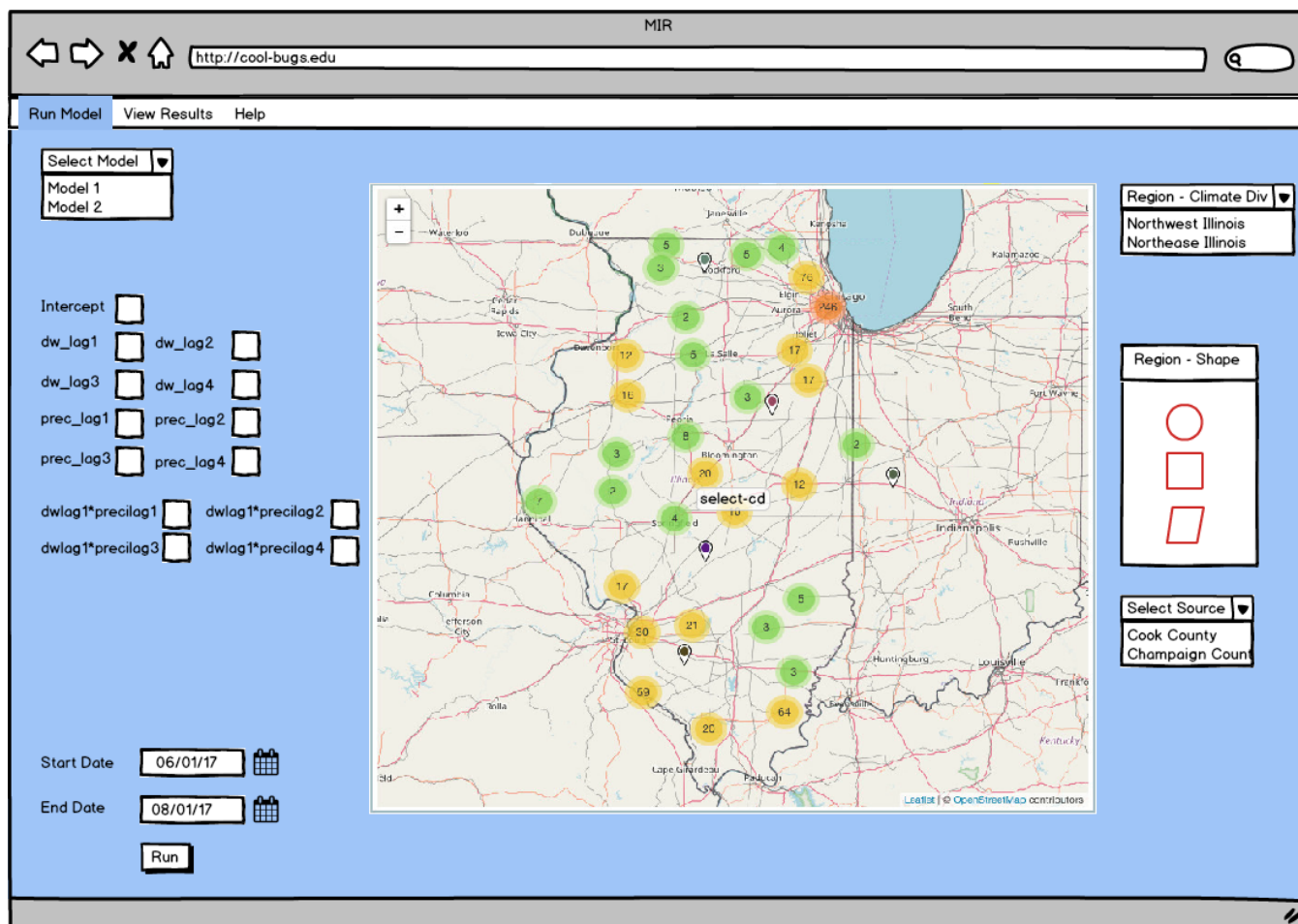
## Landing Page

| Functions       | Data              | View                                                                                                                                                                                          | Select                                                                                                                          |
|-----------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| View Input data |                   |                                                                                                                                                                                               |                                                                                                                                 |
|                 | MIR               | <ul style="list-style-type: none"><li>• sensors (circles on map)<ul style="list-style-type: none"><li>◦ sensor details - popup by clicking on sensor</li></ul></li></ul>                      | <ul style="list-style-type: none"><li>• popup by sensor</li><li>• popup by region</li></ul>                                     |
|                 | Weather           | <ul style="list-style-type: none"><li>• heat map<ul style="list-style-type: none"><li>◦ precipitation</li><li>◦ temp</li></ul></li></ul>                                                      | <ul style="list-style-type: none"><li>• popup by region</li></ul>                                                               |
|                 | Weather Forecast  | <ul style="list-style-type: none"><li>• heat map<ul style="list-style-type: none"><li>◦ precipitation</li><li>◦ temp</li></ul></li></ul>                                                      | <ul style="list-style-type: none"><li>• popup by region</li></ul>                                                               |
| Run Model       |                   |                                                                                                                                                                                               |                                                                                                                                 |
|                 | Select input data | <ul style="list-style-type: none"><li>• primary<ul style="list-style-type: none"><li>◦ region</li></ul></li><li>• secondary<ul style="list-style-type: none"><li>◦ source</li></ul></li></ul> | <ul style="list-style-type: none"><li>• opens new tab<ul style="list-style-type: none"><li>◦ ~/view-results</li></ul></li></ul> |

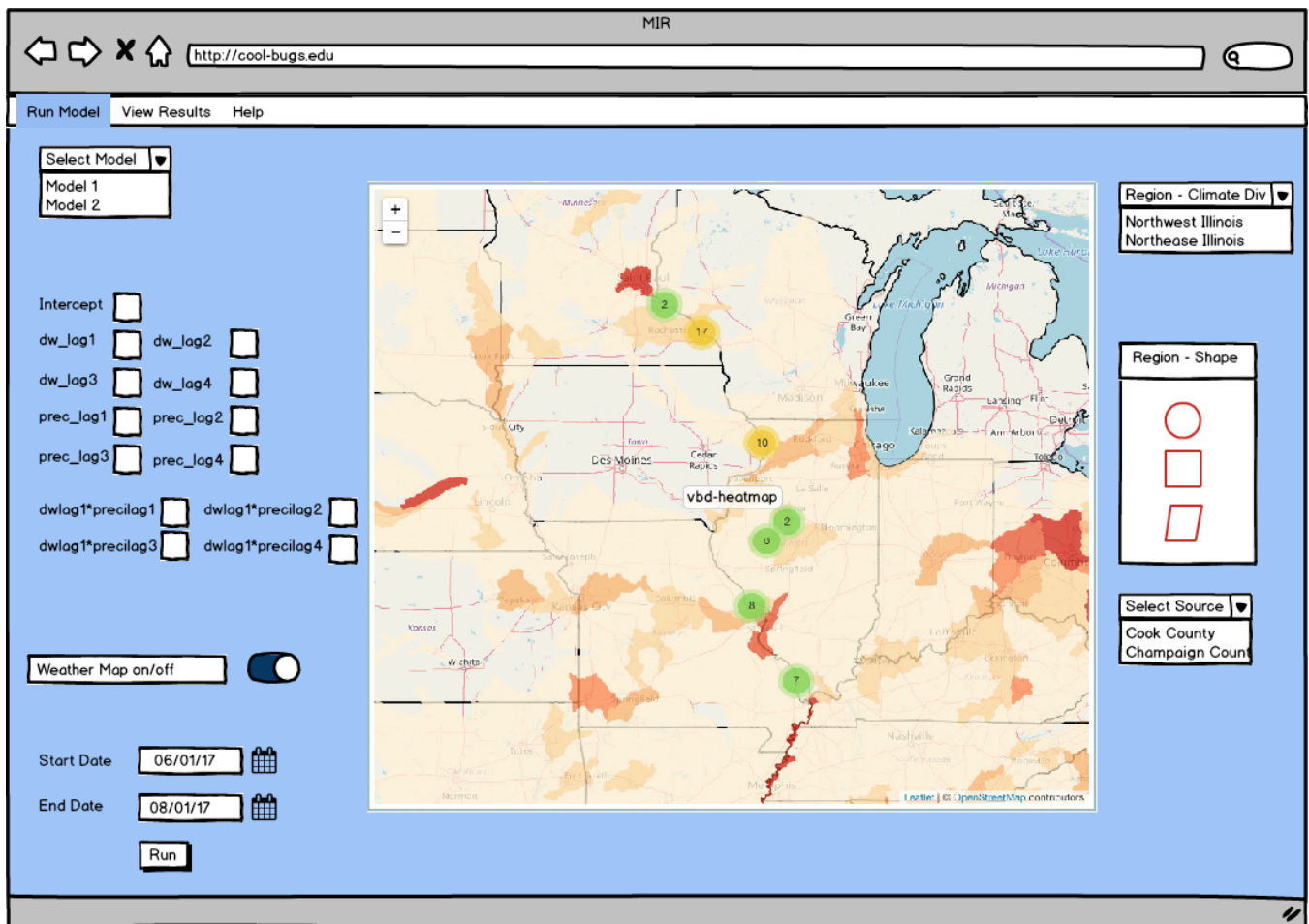
## Landing Page

- Circles on Map show groups of sensors by count
- pills show single sensor (click on sensor to view details)

Landing Page showing sensors and sensor groups



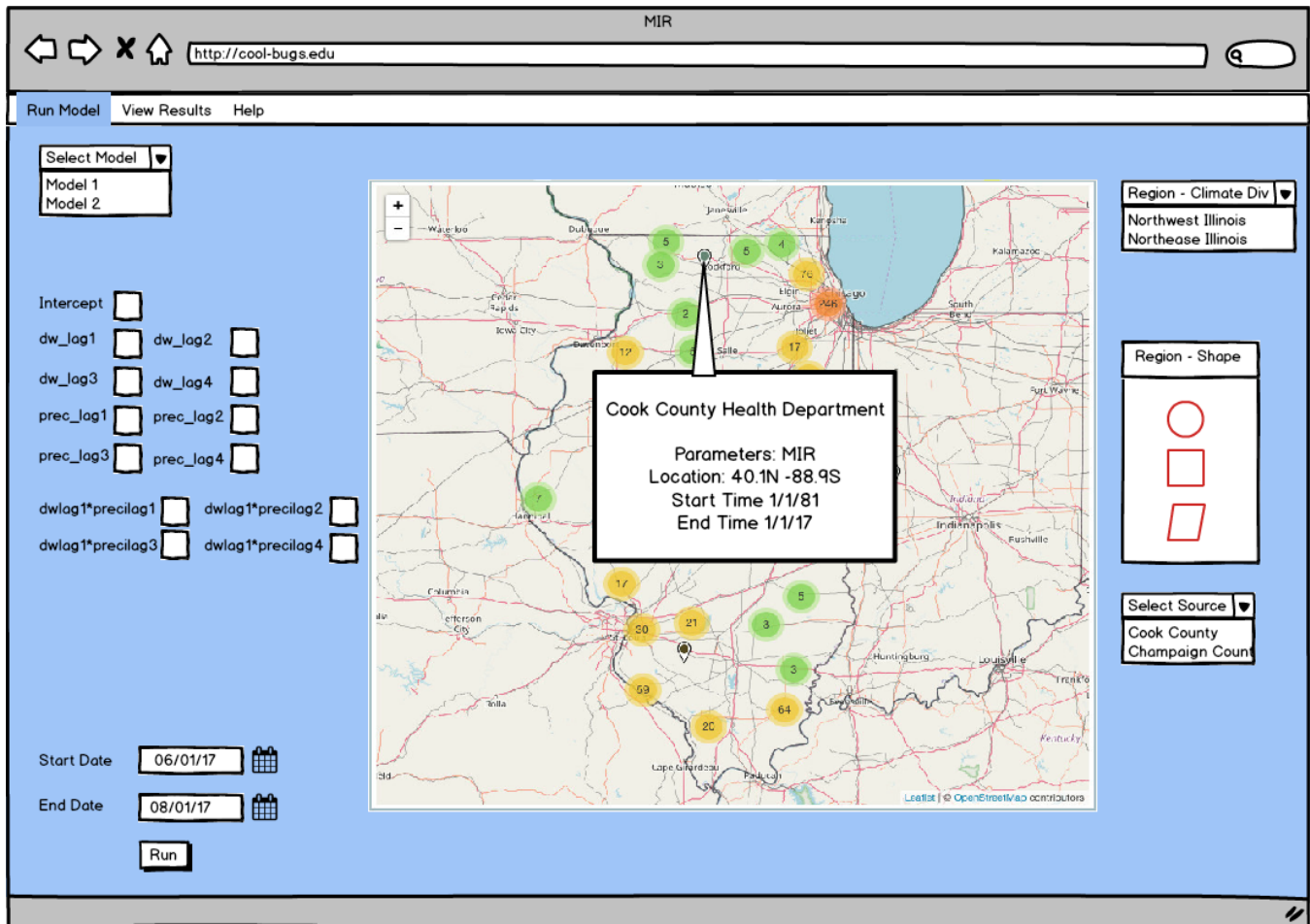
Landing Page Heat Map



## Popup

- shows details of that sensor

Popup of Sensor



## Run Model

- select input data
  - primary - region
    - can select by predefined shape (climate division or state)
    - or can use shape tool
  - secondary - source
    - select a source from dropdown
- Select start and end date
- Press 'Run'
- Results show in separate tab (or possibly below map)

Select model region by climate division or state (then select further by source)

MIR
http://cool-bugs.edu

Run Model
View Results
Help

Select Model
Model 1
Model 2

Intercept
dw\_lag1 dw\_lag2
dw\_lag3 dw\_lag4
prec\_lag1 prec\_lag2
prec\_lag3 prec\_lag4
dwlag1\*precilag1 dwlag1\*precilag2
dwlag1\*precilag3 dwlag1\*precilag4

Start Date 06/01/17
End Date 08/01/17
Run

+
-

Region - Climate Div
Northwest Illinois
Northeast Illinois

Region - Shape

Select Source
All Sources
Cook County
Champaign Count

Reset Search

Select Model Region with selection tool

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http://cool-bugs.edu

Run Model
View Results
Help

Select Model
▼

Model 1
Model 2

Intercept

dw\_lag1

dw\_lag2

dw\_lag3

dw\_lag4

prec\_lag1

prec\_lag2

prec\_lag3

prec\_lag4

dwlag1\*precilag1

dwlag1\*precilag2

dwlag1\*precilag3

dwlag1\*precilag4

Start Date

06/01/17

End Date

08/01/17

Run

Region - Climate Div

Northwest Illinois
Northwest Illinois
Northeast Illinois

Region - Shape

Select Source

All Sources
Cook County
Champaign Count

View Results

