

README Alexander Dean

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Project 2
ECE 331

IP Address for Web Server: 72.224.248.107/index.html

How it works:

The program getTemp.c uses the I2C bus to get a temperature value in degrees celsius from a temperature sensor. It is called every minute by a crontab. It calls the PHP script storeTemp.php, which stores the temperature in a SQLite3 database with the time and date at which it was taken.

The web server, index.html, contains an image that calls a PHP script, makeGraph.php. This script queries the SQLite3 database and gets the temperatures for the last 1440 minutes, or 24 hours, and prints lines on a GD image accordingly.

The crontab for this project looks like the following:

```
* * * * * /home/pi/Documents/ECE331/templogger/test
```