

WaitLess Bus Tracking System DK-2 Group status email: Due 2009 April 15th

| | | |
|----------------|--|--|
| Daniel Nadeau | dnadeau3@gatech.edu | 770-826-2986 |
| Josh Mauldin | smauldin3@gatech.edu | 478-320-9854 |
| Matthew Brooks | mattbrooks@gatech.edu | 770-851-2270 Web Master (gtg002s unix) |
| Chris Chidi | chidi@gatech.edu | 972-746-8618 |

Current Status

- XML data can be successfully saved using Matt's Router.
- The GPS locations saved in testing have shown matches for LEDs.
- Testing with the PCB attached now to see if correct LEDs light up.

Task Status: Actions on last week's Action Items

1. Daniel will test operation of all code and solder some components to a small breadboard so it can be mounted in the box.
 - Finished debugging code.
2. Matt will also test operation of all code. Will integrate all code files we have developed, together into one file.
 - All code is in one file now, and initial testing completed.
3. Josh will test operation of battery, solar panel, and power regulator..
 - Painted the stand the system is mounted to. Has tested a new battery to be good.
4. Chris will also test operation of all code. He will also look into getting detailed block diagrams made of the entire system for the appendix of the final report.
 - Has begun writing the final report and presentation.

Planned Tasks: Action Items for the upcoming week

- Daniel will test entire system. Help get presentation ready for next week. Will solder all components to a board for mounting in the case.
- Matt will also test entire system and help get presentation ready for next week.
- Josh will mount battery and connect it to the solar panel and power regulator.
- Chris will continue working on the final report and make detailed block diagrams of the entire system for the appendix of the final report.
- All of us plan to meet Tuesdays and Thursdays, at 4:30 to work on the project.

Problems

Currently having problems with running out of RAM during execution of the program, after a few minutes it will just freeze.