

WaitLess Bus Tracking System DK-2 Group status email: Due 2009 April 8th

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Current Status

- Bus Stop Sign completed included Case, Solar Panel, and Stand. Pictures on website.
- Wi-Fi module connects to GTwireless.
- Finishing up the code to parse and save XML Data. Then we will begin testing.

Task Status: Actions on last week's Action Items

1. Daniel will test out the code developed for parsing XML data received by the Wi-Fi module.
 - Tested code and should work now.
2. Matt will use Wi-Fi module to connect to GTwireless.
 - The module was able to connect to GTwireless as long as the MAC address is registered with OIT right after it connects.
3. Josh will finish the Solar Panel Mounting device.
 - Solar Panel mount is done and is mounted to the Sign/Pole.
4. Chris will test the Wi-Fi module and code developed for parsing XML data
 - Is focusing on the final report and PowerPoint presentation.

Planned Tasks: Action Items for the upcoming week

- Daniel will test operation of all code and solder some components to a small breadboard so it can be mounted in the box.
- Matt will also test operation of all code. Will integrate all code files we have developed, together into one file.
- Josh will test operation of battery, solar panel, and power regulator.
- Chris will also test operation of all code. Will also look into getting detailed block diagrams made 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

The module would not login to GTwireless sometimes. Not sure if this was an OIT problem or what. It has worked/connected before so it should connect again, hopefully won't happen again.