Team 1 Weekly Report
February 12, 2009

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Overview
Overview
Completed Work

- The majority of the wires have been routed and tied to the frame of the go-kart
- The braking and steering speed controllers have been mounted
- Footrest has been primed and the sheet metal has been attached.
- The potentiometers for the gas and brake pedals have been mounted and wired
Completed Work

- The wireless software has been finely tuned and is now working appropriately
- The emergency stop head switch has been mounted
- The emergency stop software has been programmed to keep the steering online after shutdown
- The limit switches on the gearbox actuator has been mounted
Hang ups

- We’re going to need a bigger servo
- The software monitoring the speed of the go-kart is not working properly
- More conduit is needed
- The PCB still has not been designed
Future Work

- **Short Term:**
  - Design the PCB
  - Wire the remaining switches
  - Get a new servo
  - Hook up remaining electronics

- **Long Term:**
  - Paint the go-kart
  - Write the manual
  - Make enclosure for electronics
  - Test drive
Future Work

- Alex complete wire routing and mounting the electronics
- Eric finish the programming
- Alex and Eric design the PCB
- Tarek paint the go-kart
- James mount the servo and design new linkage
- James and Tarek finish any other mechanical work
Budget

- Spent this week
  - $0
- Total expenditures
  - $2300
- Future expenditures
  - PCB ~$100
  - Gas ~$40
  - Servo ~$50
- Total spending
  - $2500.69
Hours this week

- James
  - 23.2
- Eric
  - 22.6
- Alex
  - 17.9
- Tarek
  - 18.8
The End

Questions?