Activity Report #19 (March 30 – April 6)
VERTIGO²
April 6, 2005

VERTIGO Project Manager: Mimi Phan
Team Members:
Kevin Boyce (not received)
Jeff Laub (not received)
Prateek Mohan
Ryan Strauss
Duro Taylor (not received)
Calvin Turzillo

- The VERTIGO² team had several meetings during the week. The first meeting was held on Friday. The programming team went over joystick controls, and performed fine-tuning to code (in preparation for PIC). The ECE and AE teams discussed documentation layout and assignments. The circuitry team worked on finishing up the PIC board.
- The second team meeting was held on Sunday. The circuitry team worked on building PIC code to work with microcontroller. The programming team worked on serial communication.
- The third meeting was held on Monday. Management compiled needed documentation, and assigned missing parts. The circuit group built another PIC board.
- The fourth meeting was held on Tuesday. The team finished up documentation and worked on Validation Review slides. The circuitry team worked on PIC program and motorcontrollers.

Mimi Phan

- went to team meetings
- fine-tuned controls code
- implemented serial communication on joystick code
- prepared project slides for Validation Review presentation
- wrote Validation Review parts
- project management tasks (activity reports, meeting planning)

31 hours

Ryan Strauss

- went to team meetings
- programming

6 hours
Prateek Mohan

- went to team meetings
- Worked on my part of the Validation Review (5 hrs.).
- Worked on Updating the VERTIGO website. Also, I sent a copy of the Gantt Chart as a word document to Mimi (2 hrs.).

17.45 hours

Calvin Turzillo

- Worked on various technical issues
- Designed motor controllers
- Worked on motor controllers
- Started on PIC code for controllers
- In the process of acquiring alternate parts

8 hours

Budgeted Hours Spent:

Mimi Phan

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 31 hours = 1860 minutes
Percentage of hours worked = 100 – \( \frac{480 - 1860}{480} \times 100 \) = 387.5%
Percentage of hours = 100 – 387.5 = -287.5%

Ryan Strauss

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 6 hours = 360 minutes
Percentage of hours worked = 100 – \( \frac{480 - 360}{480} \times 100 \) = 75%
Percentage of hours = 100 – 75 = 25%

Prateek Mohan

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent approx. ≈ 17 hours 45 minutes =1065 minutes

Percentage of hours worked = 100 – \( \frac{480 - 1065}{480} \times 100 \) = 221.875%
Percentage of hours = 0.0%
not worked

**Calvin Turzillo**

Budgeted Hours = 8 hours = 420 minutes
Actual Hours Spent = 8 hours = 420 minutes

Percentage of hours worked = 100%
Percentage of hours not worked = 0%