Activity Report #4 (October 6 – October 13)
VERTIGO²
October 13, 2004

VERTIGO Project Manager: Luke Alexander
ECE Project Manager/Coordinator: Mimi Phan
Team Members:
Kevin Boyce
Tebo Leburu
Jeff Laub
Prateek Mohan
Ryan Strauss
Duro Taylor
Calvin Turzillo
CS Team Member:
Chris Fernando

Mimi Phan

- went to both team meetings
- had meeting with project lead Luke Alexander
- worked on various aspects of Business Plan (scheduling, team capabilities, budget, etc)
- Gantt chart planning
- Performed various management tasks

6.5 hours

Tebo Leburu

- went to both team meetings
- did research on servos on microchip.com

4 hours and 30 minutes

Calvin Turzillo

- went to both team meetings
- researched possible communications systems
- brainstormed possible testing methods
- attempted to pull apart RC controller

3 hours

Jeff Laub
• went to both team meetings
• worked on the Out of Bounds portion of the Business Plan

4 hours

Prateek Mohan

• went to both team meetings
• worked on portion of Business Plan with Chris Fernando
• ordered five samples of microchips
• researched stepper motors
• tested batteries

5 hours

Ryan Strauss

• went to both team meetings
• researched and ordered PIC microcontroller samples

3.75 hours

Duroseme Taylor

• went to both team meetings
• performed research on batteries
• worked on Customer Base for Business Plan

5 hours

Kevin Boyce

• went to both team meetings
• researched PIC microcontrollers and ordered a couple of samples

3 hours

Budgeted Hours Spent:

Mimi Phan

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 6.5 hours = 390 minutes
Percentage of hours worked = 100 – \((480 – 390) \times 100\) = 81.25%
Tebo Leburu

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 4 hours 30 min = 270 minutes
Percentage of hours worked = \(100 - \left(\frac{(480 - 270) \times 100}{480}\right) = 56.25\%\)

Percentage of hours = \(\left(\frac{(480 - 270) \times 100}{480}\right) = 43.75\%\)

Calvin Turzillo

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 3 hours = 180 minutes
Percentage of hours worked = \(100 - \left(\frac{(480 - 180) \times 100}{480}\right) = 37.5\%\)

Percentage of hours = \(\left(\frac{(480 - 180) \times 100}{480}\right) = 62.5\%\)

Jeff Laub

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 4 hours = 240 minutes
Percentage of hours worked = \(100 - \left(\frac{(480 - 240) \times 100}{480}\right) = 50.00\%\)

Percentage of hours = \(\left(\frac{(480 - 180) \times 100}{480}\right) = 50.00\%\)

Prateek Mohan

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent approx. = 5 hours = 300 minutes
Percentage of hours worked = \(100 - \left(\frac{(480 - 300) \times 100}{480}\right) = 62.50\%\)

Percentage of hours = 100\% - 30\% = 37.50\%

Ryan Strauss
Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 3.75 hours = 225 minutes
Percentage of hours worked = 100 – \((480 - 225) \times 100\) = 46.88% 

Percentage of hours = 100% - 30% = 53.12% 
not worked

**Duroseme Taylor**

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 5 hours = 300 minutes
Percentage of hours worked = 100 – \((480 - 300) \times 100\) = 62.50% 

Percentage of hours = 100% - 30% = 37.50% 
not worked

**Kevin Boyce**

Budgeted Hours = 8 hours = 480 minutes
Actual Hours Spent = 3 hours = 180 minutes
Percentage of hours worked = 100 – \((480 - 180) \times 100\) = 37.5% 

Percentage of hours = 100% - 37.5% = 62.5% 
not worked

**Overall Team Hours:**

Budgeted hours: 8 hours per team member for the week
Budgeted hours total: 8 * 8 = 64 hours = 3840 minutes
Actual Hours Used: 6.5 + 4 + 3 + 4 + 5 + 5 + 3 + 3.75 = 34.25 hours = 2055 minutes
Percentage of hours worked = 100 - \((3840 - 2055) \times 100\) = 53.51% 

Percentage of hours not worked = \((3840 - 2055) \times 100\) = 46.48%