**Red Team**

**Stargazer**

**Automatic Telescope Control System**

**General Project Plan**

**Team Members:**

Rob Grmek

Robert Smith

**Instructor:**

**Youry Khmelevsky**

**Course:**

**COSC 471**

**Date:**

**April 4th, 2010**

# ****General Project Plan Semester 2****

# 

**Iteration 5: Automated Telescope Positioning**

Start date: January 6th, 2010

End date: February 4th, 2010

Duration: 4 weeks

Milestones:

* Release #4: Feb. 4th, 2010

**Iteration 6: Libraries and GUI Enhancements**

Start date: February 4th, 2010

End date: February 25th, 2010

Note: “Reading Break” from February 15th to 19th.

Duration: 2 weeks

Milestones:

* Release #5: Feb. 25th, 2010
* Complete hardware interface: Feb. 11th, 2010
* Complete telescope parking: Feb. 25th, 2010

**Iteration 7: Mobile Views**

Start date: February 25th, 2010

End date: March 11th, 2010

Duration: 2 weeks

Milestones:

* Release #6: Mar. 11th, 2010

**Iteration 8: Image Capturing**

Start date: March 11th, 2010

End date: March 31st, 2010

Duration: 3 weeks

Milestones:

* Release #7: Mar. 31st, 2010

**Iteration 9: Refactored Final Release**

Start date: March 31st, 2010

End date: April 8th, 2010

Duration: 1 week

Milestones:

* Final Release: Apr. 8th, 2010
* Internal Presentation: Apr. 7th, 2010
* Original Coding Ceases: Apr. 8th, 2010
* Corrective Coding Ceases: Apr. 20th, 2010
* Final Presentation: Apr. 26th, 2010

**Estimated Workflow Breakdown:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Workflow | Iteration 5 | Iteration 6 | Iteration 7 | Iteration 8 | Iteration 9 |
| Business Modeling: | 1 | 0 | 1 | 0 | 0 |
| Implementation: | 52 | 97 | 42 | 80 | 12 |
| Testing: | 22 | 0 | 4 | 19 | 36 |
| Analysis and Design: | 32 | 32 | 40 | 25 | 12 |
| Deployment: | 1 | 1 | 1 | 1 | 10 |
| Total: | 108 | 130 | 88 | 125 | 70 |

Total Units: 521

**Actual Workflow Breakdown:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Workflow | Iteration 5 | Iteration 6 | Iteration 7 | Iteration 8 | Iteration 9 |
| Business Modeling: | 1 | 0 | 1 | 0 |  |
| Implementation: | 67 | 102 | 52 | 154 |  |
| Testing: | 16 | 0 | 4 | 0 |  |
| Analysis and Design: | 53 | 45 | 41 | 39 |  |
| Deployment: | 1 | 2 | 1 | 1 |  |
| Total: | 138 | 149 | 99 | 194 |  |

Total Units: 580