March 3, 2013

Team 19 Milestones and Associated Schedule

**Laboratory # 3: Implementation Planning**

**Morgan, Laura**

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***Work Product***

**A list of project milestones and their dates to be completed.**

***Document Revision Information***

**Created – March 3, 2013**

**Approval Sheet**

**All group members whose names are listed below approve of the document and contributed fairly.**

**Member Names**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

**Pledge**

**On my honor, as a student, I have neither given nor received unauthorized aid on this assignment.**

**Names**

**Morgan, Laura**

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**Hauser, Steven**

**Dworak, Catherine**

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# Milestones and Associated Schedule

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| --- | --- | --- |
| # | Milestone | Date |
| 1 | Verify specification of base station control software using verification checklist | 2/15/2013 |
| 2 | Critique  Onboard and Debugger Specification developing questions based on specification document | 2/18/2013 |
| 3 | Develop milestones list | 2/20/2013 |
| 4 | Develop COCOMO cost estimation | 2/22/2013 |
| 5 | Develop Process Report documenting work thus far, and plans for future improvement | 2/22/2013 |
| 6 | Create schedule for future work | 2/22/2013 |
| 7 | Determine new risks and decide how to resolve them | 2/22/2013 |
| 8 | Review schedule and develop gantt chart based on schedule | 2/25/2013 |
| 9 | Develop support testing tool for use in development | 3/4/2013 |
| 10 | Review draft of communications specification | 3/1/2013 |
| 11 | Develop detailed and precise communications protocol specification document | 3/4/2013 |
| 12 | Develop preliminary design for robot | 3/13/2013 |
| 13 | Develop design documentation for the design | 3/18/2013 |
| 14 | Verify design through inspection | 3/18/2013 |
| 15 | Develop end-to-end prototype to demonstrate functionality | 3/25/2013 |
| 16 | Develop test for end-to-end prototype that demonstrates functionality between on board software and base station control software | 3/22/2013 |
| 17 | Develop List of changes and fixes for functionality that failed test | 3/22/2013 |
| 18 | Develop documentation to describe test and its results | 3/22/2013 |
| 19 | Develop improvements for end-to-end prototype | 4/10/2013 |
| 20 | Develop enhanced prototype that includes fixes to any functionality that failed integration test, and add improvements to previous design | 4/10/2013 |
| 21 | Create further integration tests using the Enhanced prototype (minimum of 2) | 4/15/2013 |
| 22 | Develop plan for inspecting base station control software | 4/19/2013 |
| 23 | Prepare on board debugger for inspection | 4/22/2013 |
| 24 | Inspect the base station control software following created plan | 4/29/2013 |
| 25 | Develop Documentation on the results of the inspections | 4/26/2013 |
| 26 | Finalize prototype into deliverable system | 4/26/2013 |
| 27 | Demonstrate system to customer | 4/29/2013 |
| 28 | Have deliverables signed off by customer | 4/29/2013 |