March 22, 2013

Team 19 Management Report

**Laboratory # 5: Design**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

***Work Product***

**Weekly management report containing the responsibilities of each member over the course of the week and his/her contributions to the weekly tasks. Also includes tasks completed during the meeting, a schedule for the upcoming week, and any significant unresolved problems encountered.**

***Document Revision Information***

**March 22, 2013 - Created**

**Approval Sheet**

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

**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.**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

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# Management Responsibilities

Laura Morgan: Document preparation

Jireh Miaw: Scheduling and task assignment

David Bertoglio: Configuration management and file system control

Catherine Dworak: Web site development

Steven Hauser: Presentation preparation

# Contributions

Laura Morgan:

* Created high-level system architecture overview
* Participated in the development of the onboard system design

Jireh Miaw:

* Documented tasks completed during the management meeting in the report
* Participated in the development of the onboard system design

Steven Hauser:

* Created UML diagrams for the designs discussed
* Participated in the development of the onboard system design

Catherine Dworak:

* Documented ideas discussed in the development of the design
* Participated in the development of the onboard system design

David Bertoglio:

* Participated in the development of the onboard system design

# Meeting Overview

## Attendees:

Laura Morgan

Jireh Miaw

Steven Hauser

Catherine Dworak

David Bertoglio

## Meeting Location:

Rice Hall: Third Floor

## Meeting Time:

Friday, 1:00 p.m. to 4:00 p.m.

## Agenda:

### Postlab 5:

* Create a high level system architecture overview in natural language
* Create the static structure using UML class diagram notation
* Create the object interaction structure using the UML sequence diagrams
* Create the concurrent structure of the design using any graphical notation
* Create class interfaces in Java with comments that document the design decisions

### Prelab 6:

* Define a goal for implementing a subset of the functionality of the robot system with partner group that includes pieces of all major functions
* Document the goals of this prototype that will be demonstrated in laboratory
* Define a precise sequence of milestones designed to create an operational prototype with minimal functionality
* Develop the system prototype following the milestones and document the results of the tests.
* Prepare a five minute presentation with partner group on the prototyping activity.

## List of Completed Tasks

* Create a high level system architecture overview in natural language
* Create the static structure using UML class diagram notation
* Create the object interaction structure using the UML sequence diagrams
* Create the concurrent structure of the design using any graphical notation
* Create class interfaces in Java with comments that document the design decisions

# Schedule for Upcoming Week

## Additional Meeting:

March 23, 2013 at 1:30 p.m. in Rice 3rd floor

## Tasks to be Completed:

Laura Morgan

* Begin defining goals for the test March 23

Jireh Miaw

* Define milestones and a schedule leading up to the test March 23

Steven Hauser

* Define what our group expects of our partner group March 23

Catherine Dworak

* Complete the design document March 23

David Bertoglio

* Begin developing the prototype March 23

# Unresolved Problems