

1

March 22, 2013

## 2 Team 19 Management Report

---

### 3 Laboratory # 5: Design

4

5 Morgan, Laura

6 Miaw, Jireh

7 Hauser, Steven

8 Dworak, Catherine

9 Bertoglio, David

10

11

### 12 *Work Product*

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

17

### 18 *Document Revision Information*

19 March 22, 2013 - Created

20

21

22

23

## 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

64	<b>Table of Contents</b>	
65	Management Responsibilities.....	4
66	Contributions .....	4
67	Meeting Overview.....	5
68	Attendees:.....	5
69	Meeting Location: .....	5
70	Meeting Time: .....	5
71	Agenda: .....	5
72	Postlab 5:.....	5
73	Prelab 6: .....	5
74	List of Completed Tasks .....	5
75	Schedule for Upcoming Week .....	6
76	Additional Meeting: .....	6
77	Tasks to be Completed:.....	6
78	Unresolved Problems.....	6
79		
80		
81		
82		
83		
84		
85		
86		
87		

## 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

## 110 Meeting Overview

### 111 Attendees:

112 Laura Morgan  
113 Jireh Miaw  
114 Steven Hauser  
115 Catherine Dworak  
116 David Bertoglio

### 117 Meeting Location:

118 Rice Hall: Third Floor

### 119 Meeting Time:

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

### 121 Agenda:

#### 122 Postlab 5:

- 123 • Create a high level system architecture overview in natural language
- 124 • Create the static structure using UML class diagram notation
- 125 • Create the object interaction structure using the UML sequence diagrams
- 126 • Create the concurrent structure of the design using any graphical notation
- 127 • Create class interfaces in Java with comments that document the design
- 128 decisions

#### 129 Prelab 6:

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

### 139 List of Completed Tasks

- 140 • Create a high level system architecture overview in natural language
- 141 • Create the static structure using UML class diagram notation
- 142 • Create the object interaction structure using the UML sequence diagrams
- 143 • Create the concurrent structure of the design using any graphical notation
- 144 • Create class interfaces in Java with comments that document the design
- 145 decisions

146

147 **Schedule for Upcoming Week**

148 **Additional Meeting:**

149 March 23, 2013 at 1:30 p.m. in Rice 3<sup>rd</sup> floor

150 **Tasks to be Completed:**

151 Laura Morgan

152     • Begin defining goals for the test March 23

153 Jireh Miaw

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

155 Steven Hauser

156     • Define what our group expects of our partner group March 23

157 Catherine Dworak

158     • Complete the design document March 23

159 David Bertoglio

160     • Begin developing the prototype March 23

161 **Unresolved Problems**

162

163

164

165

166