March 24, 2013

Team 19 Design Document Verification

**Laboratory # 5: Design**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

***Work Product***

**Verification of the Design Document**

***Document Revision Information***

**3/24/13 Document created**

**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**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

Contents

[Time and Duration 4](#_Toc351885971)

[Attendees 4](#_Toc351885972)

[Roles 4](#_Toc351885973)

[Check Lists Used 4](#_Toc351885974)

[Defects located 5](#_Toc351885975)

[Corrective Action Required 5](#_Toc351885976)

[Results of Follow Up 5](#_Toc351885977)

## Time and Duration

## Attendees

## Roles

## Check Lists Used

The following check list was used to inspect the document:

Are the following properties and qualities included:

* comprehensive document structure
  + face page
  + approval
  + contents
* high-level system architecture overview
  + in natural language
  + liberal use of graphics
* UML class diagram notation
  + all classes are identified, included subclasses
  + relationships between classes
  + links
  + fields and field types for classes
* UML sequence diagram
  + objects
  + function calls
* UML state machine
  + start state
  + states
  + transitions
    - action
    - event
    - guard conditions
* concurrent structure of the design
  + in graphical notation
* class interfaces
  + written in Java
  + comments that document design decision that each class is hiding
  + functions included
    - comment explaining purpose of function
    - comment explaining what each parameter is for
  + fields included
  + private data member
    - constructors
    - destructors
    - getter methods
    - setter methods
* communication
  + are design decisions associated with communications protocol suitably hidden
  + was the protocol design included
* natural language text
  + necessary
  + concise

## Defects located

## Corrective Action Required

## Results of Follow Up