April 12, 2013

Team 19 Inspection Document

**Laboratory # 8: Inspection**

**Morgan, Laura**

**Miaw, Jireh**

**Hauser, Steven**

**Dworak, Catherine**

**Bertoglio, David**

***Work Product***

**Documentation of inspection of Group 20’s source code, following three-phase inspection.**

***Document Revision Information***

**April 12, 2013 – 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**

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## Inspection Schedule

Phase 1 – Internal documentation & source-code layout

Monday, April 15 – 3:30 p.m. during in-lab.

Phase 2 – Sunday, April 21 – 1:30 p.m. Rice Hall.

Phase 3 – Friday, April 26 – 1:00 p.m. Rice Hall.

## Group Member Responsibilities

Inspections

Phase 1 Inspector – Catherine

Phase 2 Inspector – Laura

Phase 3 Inspector – David, Jireh, Steven, Catherine Laura

Rework

Rework of source code after Phase 1 – Steven

Rework of source code after Phase 2 – Jireh

Rework of source code after Phase 3 - David

## Checklists Used

### Phase 1

Internal documentation & source-code layout (single inspector).

Structure

* proper use of indentation for “levels” in code
* proper use of tabbing when declaring variables
* existence of columns of related items
* existence of white space
* use of new line when line is too long

Documentation

* sparing use of comments; only used to document unavoidable complexity
* identifiers
  + meaningful
  + underscores used as seperators
  + capitalization of Classes
  + long names to indicate purpose
* constants
  + mixed case capitalization
  + no magic numbers (no embedded literals or constants)
  + only symbolic constants used
  + symbolic constants in all capital letters, separated by underscores
  + avoid abbreviations in names
* methods – mixed case, abbreviations and acronms not uppercase when in method name
* abbreviations in namedes avoid
* conventions with {} – not indented
* loop variables initialized just before loop

### Phase 2

### Phase 3

## Effort Expended (use of time)

David

Jireh

Steven

Catherine

Laura

## Questions about Implementation by Group 19

## Answers about Implementation for Group 20

## Results of Inspection

### Phase 1

Date and time:

Defects found:

Result of rework:

effort used in corrections, approximate number of statements had to be added, approximate number of statements that were changed

### Phase 2

Date and time:

Defects found:

Result of rework:

### Phase 3

Date and time:

Result of rework:

Defects found: