CIS 227 Assignment 1

Assignment Details

Convert Assignment 0 to utilize a class structure in portable .h and .cpp files

Exit the program only on user demand

Team Roles

Lead Programmer –

UX/UI Programmer –

Functional Programmer -

Program – 70

UX/UI – 35

Function - 35

Documentation – 30

Total Possible Points – 100

**Version 0.0.0**

| REVISION HISTORY | | | |
| --- | --- | --- | --- |
| DATE | VERSION | DESCRIPTION | AUTHOR |
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# INTRODUCTION

## PURPOSE

Identify and describe scope of product whose technical specifications are being documented and describe desired outcome.

## DOCUMENT CONVENTIONS

Describe any naming or structural conventions employed throughout document and how they benefit reader.

## REFERENCES

List any referenced document names or links.

# DESCRIPTION

## FEATURES

List main features with brief description.

## USER OVERVIEW

Define groups and describe user characteristics.

## ASSUMPTIONS / DEPENDENCIES

Detail all assumed factors (not known facts) that could potentially impact technical specifications set forth. Include external factors.

# SYSTEM FEATURES

## SYSTEM FEATURE 1

|  |  |
| --- | --- |
| **DESCRIPTION AND PRIORITY** | Calculate the hypotenuse of a triangle |
| **STIMULUS / RESPONSE SEQUENCES** | Inputs must be obtained from the user |
| **FUNCTIONAL REQUIREMENTS** |  |

## SYSTEM FEATURE 2

|  |  |
| --- | --- |
| **DESCRIPTION AND PRIORITY** | Calculate the area of a trapezoid |
| **STIMULUS / RESPONSE SEQUENCES** | Inputs must be obtained from the user |
| **FUNCTIONAL REQUIREMENTS** |  |

## SYSTEM FEATURE 3

|  |  |
| --- | --- |
| **DESCRIPTION AND PRIORITY** | Calculate the volume of a rectangle |
| **STIMULUS / RESPONSE SEQUENCES** | Inputs must be obtained from the user |
| **FUNCTIONAL REQUIREMENTS** |  |

# REQUIREMENTS OF EXTERNAL INTERFACE

## USER INTERFACES

Describe product / user interface characteristics, including standards, style guides, constraints, functionality, and sample screens if applicable.

# APPENDICES

## APPENDIX A: GLOSSARY OF TERMS

Define all terms and unique acronyms employed throughout document and specific to project.

## APPENDIX B: ANALYSIS DOCUMENTATION

List file / document names / provided links to all diagrams, models, additional findings pertinent to technical specification development.

## APPENDIX C: ISSUES

List all unresolved issues, TBDs, pending decisions, findings required, conflicts, etc.

| ISSUES | | |
| --- | --- | --- |
| ID | DESCRIPTION | PARTY RESPONSIBLE |
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