CIS 227 Assignment 2

Assignment Details

* Use at least on class
* Read a list of 12 words into an array
* Prompt the user for which word in the array to display
* Use a command line argument to present the user with information about your program.
* Exit the program on user request

Team Roles

Lead Programmer – Erin Cleaver, Sandra Khoury

UX/UI Programmer – Sandra Khoury

Functional Programmer - Erin Cleaver

Program – 70

UX/UI – 35

Function - 35

Documentation – 30

Total Possible Points – 100

**Version 0.1.75**

| REVISION HISTORY | | | |
| --- | --- | --- | --- |
| DATE | VERSION | DESCRIPTION | AUTHOR |
| 1/27/2021 | 0.1.25 | Setup the terms Array class for the program. In the constructor assigned the terms to the Array. Then created a function for getting the current position. Also made a function for getting the size of the array. | Erin Cleaver |
| 1/28/2021 | 0.1.25 | Sandra made the command interface and displaying the arguments on Friday. | Sandra Khoury |
| 1/31/2021 | 0.1.75 | Fixed the menu so that for loops so that it is in its own function. Adjusted terms array.cpp to get the size of the array correctly. Added additional comments to the application. | Sandra Khoury |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 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 |
| 1010 | Used the wrong function to get the size. Corrected it from sizeof to size. | Erin Cleaver |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |