**How to Be successful With the Final Project**

* + Three things to turn it in
    1. Requirements done
       1. Executive Summary done
       2. Scope and Purpose
       3. Limitations and Exclusions
       4. Requirements
          1. Idea - Brief Summary - Extensive Summary
       5. References and Appendices
          1. Sources of anything

i.e. Professor Halladay

* + 1. Technical Design (fix the things messed up)
       1. What was previously graded
       2. Executive Summary done
          1. Coped from \_\_\_
       3. Special Terms/Definition
          1. "What is a part of speech"
       4. Requirements Map (don't forget the detailed technical design for each requirement)

|  |  |  |
| --- | --- | --- |
| Id | Name | Description |
| 1 | What | …. |
| 5 | Ever | … |

* + - * 1. Explain the problem solved by these two parts. Make it code speak (use programmer vocabulary.
      1. UML/Class diagrams
         1. Get the arrows right
         2. Aggregation and dependencies correct as well
      2. Process Flow Diagram
         1. The Visio design you wrote
      3. File or Database - Persistence storage design
         1. Dictionaries that are pulled and edited (text files)
         2. Git repository
      4. Detailed test cases (8 test cases)
         1. "A dog bites"

Precondition: State when the test is started

Intermediate steps

Expected Result

* + - * 1. Account for all parts of the project: negative and positive test cases
    1. Actual Business Presentation
       1. It's a 3-part presentation
       2. Thursday 3/13 turn in:
          1. Business Req. doc
          2. Technical Design doc
          3. Zipped archive of application
       3. Presentations: Held the following Friday, Monday, Tuesday
          1. Time Allotted is just over 10 minutes
          2. Performance Requirements:

All members must be present

Be well dressed

Be on time

* + - * 1. On the day of the presentation

A pitch of the software

Benefits and its uses

Software application demonstration

Show the "chatbot" working

Technical demonstration

Show the elegance of the code

Treat the crowd like "code groupies"

* + - 1. Grading
         1. Business Presentation

25 points - professional dress

25 points - business presentation isn't tech oriented

It is pleasing and formatted.

Demonstrates uses

50 points - all hardware, people and systems to fully demonstrate software application

Show all the cool things

50 points - complete and concise, showing relevance and being an effective pitch

50 points - if questions are "fielded tactfully" and "answered appropriately". Have good transitions

* + - * 1. Software Application Demonstration

50 points - Appears complete and polished

50 points - works as design and core functionality is present

50 points - All documented requirements are satisfied (maybe some stretch goals)

Android app version

WPF form for the GUI

50 points - no defects crashes hang ups

* + - * 1. Technical Presentation

25 points - Design is well articulated and accurate

80 points - Design includes class, inheritance, polymorphism, and interfaces

25 points - Code is displayed in a readable fashion and is explained clearly

Possibly screenshot the IDE, place in the slides

50 points - Display the important goodies

Key algorithms - the word parser code and stack algorithm

50 points - Questions are field tactfully and answered appropriately

* + - 1. Total Points - 990 points
    1. Questions asked afterwards -
       1. Dress code specifics: don't be an ass.
          1. Look professional, like the "Tech Talk" presenters dress