**Demo + Presentation**COMP 101Y, Fall 2020  
*500 points*

Summary

There are two components to this deliverable: the code and the presentation itself. For the presentation, each team will have 8 minutes to present on the due date; the first group will start promptly at the start of class. Please see the description below for a list of what should be included for each component of the demo.

Presentation (in-class, 300pts)  
 Content (100 pts)

* Introduce yourselves and share your team name (10 pts)
* Provide a description of your system design and goals (50 pts)
  + Explain who your game is designed for and why
  + Explain the object and key activities of the game
  + Show the proposed look and feel of your game
  + Show a conceptual diagram of how you divided your program into smaller sub-problems (i.e., into functions/methods)
  + Explain what makes your team’s version of the game unique
* Run your program from the PDE (live or previously recorded), show how a user interacts with the game:
  + Demonstrate input/output for at least 2 full weeks of the semester (40 pts)
  + If it doesn’t take too long, demonstrate the end of the game
  + Showcase any special features or scenarios (e.g., error handling?)

Effectiveness (50 pts)

* Use effective slides. These should use an appropriate amount of text and relevant images and be easy to read. (25 pts)
* Use effective presentation skills. Speak clearly into your microphone so your audience can hear you. Have smooth transitions between team members, behave professionally, be engaging, etc. (25 pts)

Logistics (50 pts)

* Make sure one group member is able to present the slides, and a second can as a backup if needed.
* Have a responsible group member come to the classroom 15 minutes in advance to practice presenting in Blackboard Collaborate and to make sure your presentation works.
* Make sure you can start your presentation within 30 seconds of being called (25 pts)
* You will be timed. Do NOT go over your 8 minute time limit; there is a point penalty for doing so. Practice ahead of time! (25 pts)

Answering questions (100 pts)

* ***Any*** team member can be asked ***any*** question about the code. It is the responsibility of all team members to make sure all other team members understand how the code works.
* After your presentation, there will be a 1 to 2 minute question and answer period. This is in addition to your 8 minutes allotted for presenting.
* You will be asked at least 2 questions by Prof. B and/or your Teaching Fellow (50 pts each)

Code (200 pts)

Functionality (125 pts)

* Although this is just a demo, you are expected to have working code that can demonstrate a small section of your game at this stage. Thinking modularly, you should have some elements of your game that can be repeated week after week.
* Your program asks for and reads in input for each week (50 pts)
* Program calculates and displays outcomes for each week (50 pts)
* Program calculates and displays outcomes at the end of the semester (25 pts)

Quality (75 pts)

* Readability (35 pts):
  + function header comments and in-line comments for clarification
  + meaningful variable and function names
  + whitespace and indentation
* Modularity (20 pts): reasonable function decomposition, code reuse, function length
* Technical skill (20 pts): uses appropriate data types, loops, etc

**Demo Presentation Grade Sheet**

Team Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
Present Team Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- |
| Content | Description | Points Possible | Points Earned (circle) | | |
| Introduce team members and team name | 10 | 0 | 5 | 10 |
| Describe game and goals: - who game is for  - how to play game - how game looks - diagram of design - how their game is unique | 50 | 0 | 25 | 50 |
| Run program live, demonstrate at least two weeks of input | 40 | 0 | 20 | 40 |
| Effectiveness | Good slides:  - not too much text  - easy to read - professional | 25 | 0 | 15 | 25 |
| Presentation skills: - speak clearly and audibly - smooth transitions - professional behavior - engaging - signs of preparation / practice | 25 | 0 | 15 | 25 |
| Logistics | between 6.5 and 8.5 minutes | 25 | 0 | -- | 25 |
| Smooth transition? | 25 | 0 | -- | 25 |
| Answering questions | Question 1  Question 2 | 50  50 | 0  0 | 25  25 | 50  50 |
| Total | Add it up! | 300 |  | | |

Notes: