

CMPR 121 – Final Project Format

The Final Project Report should contain the following sections. Please complete the following section of the report up to your best ability. Please maintain the structure of the report as described below.

1 Cover Page:

- Project Name / Team Name and Team Members / Date (Fall – 2023) / Santiago Canyon College / Supervisor's Name

2 Table of Content

3 Summary

- High-level Description of the software

4 Introduction

- What is the project aim/objective?
(We had to do it to pass the class. Any other reasons?)
- What problem is this software trying to solve?

5 Software Description

- Software overview (User interface, User interaction and software behavior)
- Software Assumptions
(User will enter correct data. No input validation)

6 Software Requirements:

- Hardware Requirements
(Can it run on windows, Mac OS, Android, etc?)
- Software Requirements
 - Functional Requirements (Services and functions provided by the software: find the winner, print total votes, add candidate, etc..)
 - Non-Functional Requirements (Reliability, Security, Scalability, Space, Ethical Requirements)

7 System Design and Implementation:

- System Design (Just insert the UML Class Diagrams)
- Algorithm Design:
Classes, inheritance, Nodes, Linked List
Big-O Analysis for each class (find the worst Big-O for each class)

8 Testing and Results

- Testing
How did you test your software
- Results
Your findings. Did it work? Any observation, Screenshots, etc

9 Final Deliverables

- Source Code
- Documentation (description of each function and class. Copy/Past the project assignment. Part A to Part C.

10 References