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CS 3331 – Advanced Object-Oriented Programming – Fall 2024

## Dr. Bhanukiran Gurijala

## Project Part 1

This work was done individually/as a team and completely on my/our own. I/we did not share, reproduce, or alter any part of this assignment for any purpose. I/we did not share code, upload this assignment online in any form, or view/received/modified code written from anyone else. All deliverables were produced entirely on my/our own. This assignment is part of an academic course at The University of Texas at El Paso and a grade will be assigned for the work I/we produced.

(NOTE: Please write in complete sentences (paragraph form). Check grammar, punctuation, and ensure your writing is clear. Write enough to make sure you clearly explain each part of the question.)

# **Program Explanation**

In this section, explain the overview of the assignment.

What did you do?

How did you tackle the problem?

What techniques did you use to solve the problem?

Did you break the problem into smaller problems? Explain.

# **What did I learn?**

What did you learn as a result of this assignment?

How can my solution be improved?

What ideas do you have about another way to solve the problem?

How long did it take me to complete this lab assignment?

# **Solution Design**

What did you do in this program?

What was your approach to solving this problem?

What data structures did you use? Why?

What assumptions, if any, did you make?

# **Testing**

How did you test the program?

Did you use black-box, white-box testing, or both? Why?

Did you test the solution enough? How can the testing practices be improved?

What are the test cases I used?

Did you break the program and use that to improve it?

# **Test results**

Describe the results of your tests.

Include any console outputs showing your results.

Include any text document results of your tests.

# **Code Review**

Explain how you conducted a review of your code. Describe how you checked each part of the code review checklist.

(Note: Turn in all source code, output results (if applicable), reports, and all other required material specified by the assignment). Save this lab report at Team#\_PA# – Do not turn in report with notes.)