Assignment 4 (Defender 2021)

Object-Oriented Programming

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You must only tick the boxes below if that functionality has been implemented in your assignment submission. This list MUST be submitted with an Assignment Cover Sheet.

***A note on plagiarism and cheating.***

*If any of the code submitted by you is deemed copied from or by someone else, it will be formally reported to the Head of School of Science and a Disciplinary Committee will be convened to deal with this issue. You do not want that to happen!!*  
*Never copy code from someone else or another source. Never give your code to someone else. Keep your code safely in your own possession. Plagiarism and cheating are very serious academic offenses with serious consequences for your future academic studies and work opportunities. Under current guidelines all students involved in plagiarism or cheating must be reported to the Head of School where a Disciplinary Committee will deal with the issue.*

**Part 1 [50 marks – 29%]**

1. [8 marks]

2. [10 marks]

3. [5 marks]

4. [14 marks]

5. [4 marks]

6. [4 marks]

7. [5 marks]

**Part 2 [51 marks – 30%]**

1. [11 marks]

2. [2 marks]

3. [1 mark]

4. [3 marks]

5. [12 marks]

6. [8 marks]

7. [2 marks]

8. [6 marks]

9. [6 marks]

**Part 3 [18 marks – 11%]**

**InvalidDefenderLocationException**

1. [6 marks]

2. [12 marks]

**Part 4 [18 marks – 11%]**

**Blockable**

1. [5 marks]

2. [10 marks]

3. [3 marks]

**Part 5 [33 marks – 19%]**

1. [5 marks]

2. [10 marks]

3. [8 marks]

4. [7 marks]

5. [3 marks]