

**ASSIGNMENT COVER SHEET**

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**Lecturer: Orla McMahon**

**Title of Assignment: Assignment 2**

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The material contained in this assignment is the authors original work, except where work quoted is duly acknowledged in the text. No aspect of this assignment has been previously submitted for assessment in any other unit or course.

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_/\_\_\_\_\_\_/\_\_\_\_\_\_

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Abstract**

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# Introduction

The Four design patterns we decided to implement within our project is as follows:

* The Singleton design pattern.
* The Abstract Factory design pattern.
* The Adapter design pattern.
* The Command design pattern.

We had made our choice based with the ones we had thought would suit our purpose for the Assignment, we had also considered the Builder design pattern instead of the command just down to the command creating many more classes

# Literature Review

# Methodology

# UML diagrams