

# Phase 2: Implementation of Design Patterns

Group Number: XX, Student Names: A, B, C, D

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## Table of contents

<b>1 Design Patterns (8%)</b>	<b>1</b>
1.1 Design Pattern 1 . . . . .	1
1.2 Design Pattern 2 . . . . .	1
<b>2 Final UML Diagram</b>	<b>2</b>
<b>3 Application Functionality and User Experience</b>	<b>2</b>
3.1 Application Functionality (6% judged both by this report and your demo) . . .	2

## 1 Design Patterns (8%)

### 1.1 Design Pattern 1

Describe the first design pattern applied, including a diagram, its justification, and its impact on the system.

You should include pre and post design pattern UML diagrams to illustrate the design changes you made through your implementation. You are free to choose from any applicable UML diagram.

### 1.2 Design Pattern 2

If you implement multiple design patterns, you should describe all of them in similar manner.

## **2 Final UML Diagram**

Insert the final UML diagram reflecting all the changes implemented during this phase.

## **3 Application Functionality and User Experience**

### **3.1 Application Functionality (6% judged both by this report and your demo)**

Describe the functionality of the final application, highlighting the new features and improvements made.