CSSE 220 Design Problem Practice

Reflection Template for Studying/Incentive Points

# *Instructions*

1. *Complete one of the practice design problems, available at* [*https://github.com/RHIT-CSSE/csse220/tree/master/Docs/ExampleDesignProblems*](https://github.com/RHIT-CSSE/csse220/tree/master/Docs/ExampleDesignProblems)*. To study for Exam 1, use the examples that assess design principles 1 and 2. For Exam 2, use the other set (design principles 3-5).*
2. *Compare your critiques/solution against the provided critiques/solution.*
3. *Fill in the below template with your solutions and reflections.*
4. *(Optional, for Incentive Points) Upload this file to the IncentiveDropbox in Moodle and complete the IncentiveForm. You may upload at most twice while preparing for each midterm exam. (Of course, feel free to use this template for extra practice.)*

# Problem Name: [TODO]

## Critique of Solution A

[Description of which design principles are violated and why]

## Critique of Solution B

[Description of which design principles are violated and why]

## My Solution

[PlantUML PNG]

[PlantUML link]

[Description of why this solution fixes the issues present in A and B]

## Reflection Questions

1. *What are the major differences, if any, between your critiques of Solutions A and B and those provided in the solutions?*   
   [TODO]
2. *What are the major differences, if any, between your proposed improved design and the design provided in the solutions?*   
   [TODO]
3. *What is your main takeaway from this design problem practice session? (Which object-oriented design principle do you understand better now? Or what is a mistake you made here, or in the past, that you now know to avoid?)*[TODO]