## Global Rain Logo

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# Summary Report Template

**Directions:** Place your pseudocode, flowchart, and explanation in the following sections. Before you submit your report, remove all bracketed [ ] text.

## Pseudocode

When you are done implementing the Pet class, refer back to the Pet BAG specification document and select either the pet check-in or check-out method. These methods are detailed in the Functionality section of the specification document.

Write pseudocode that lays out a plan for the method you chose, ensuring that you organize each step in a logical manner. Remember, you will not be creating the actual code for the method. You do **not** have to write pseudocode for both methods. Your pseudocode must not exceed one page.

|  |
| --- |
| [Type/copy pseudocode here.] |

## Flowchart

Based on the pseudocode you wrote, create a flowchart using a tool of your choice for the method you selected. In your flowchart, be sure to include start and end points and appropriate decision branching, and align the flowchart to the check-in/check-out process. Your flowchart must be confined to one page.

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| --- |
| [Insert flowchart image here.]  [Refer to the Project One Supporting Materials for tool options to create your flowchart and how to copy images into this template.] |

## OOP Principles Explanation

Briefly explain how you applied object-oriented programming principles in the software development process. Your explanation should be one paragraph, or four to six sentences.

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| Inheritance  Abstraction // Not really used here  Encapsulation  Polymorphism // Specifically overloading constructors |