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Module 1

1-5 Assignment- UML Diagram

[CS-230-R3220 Operating Platforms 24EW3](https://learn.snhu.edu/d2l/home/1460240)Operating Systems Platform

24EW3

A screenshot of a computer flowchart

Description automatically generatedThe class diagram effectively portrays fundamental Object-Oriented Programming principles. In particular, Inheritance is evident through the hierarchy, with Bicycle extending TwoWheeled, and TwoWheeled extending Vehicle. Encapsulation is clearly depicted as each class encapsulates specific attributes and methods, establishing well-defined boundaries. The Bicycle class demonstrates Polymorphism through method overloading, enhancing flexibility in object instantiation.