## UML Diagram of Single Inheritance

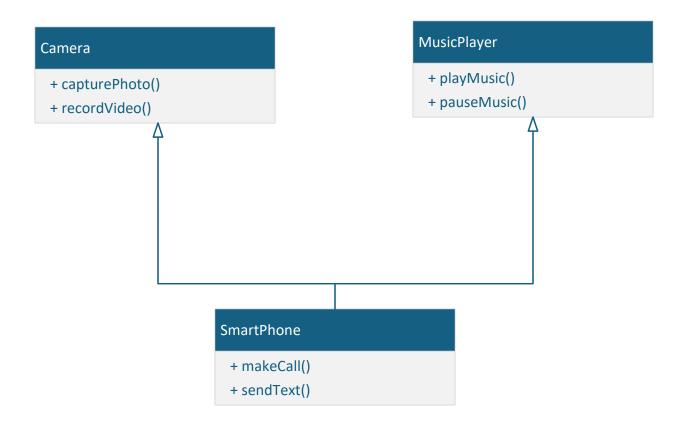
### **BankAccount**

- -accountHolder: string
- -balance : double
- + BankAccount(name: string, initialBalance: double)
- + deposit(amount: double): void
- + withdraw(amount: double): void
- + getBalance(): double
- + getAccountHolder(): string

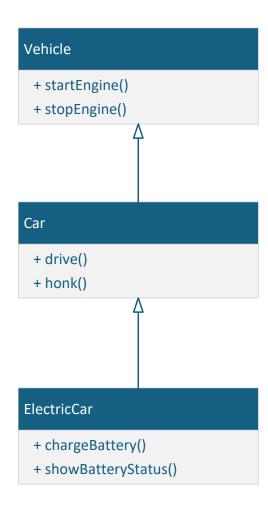
### SavingAccount

- interestRate: double
- + SavingsAccount(name: string, initialBalance: double, rate: double)
- + addInterest(): void

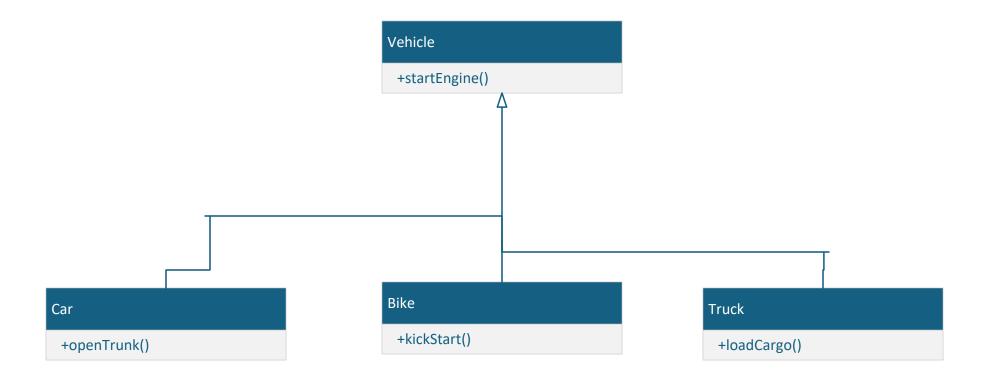
## UML Diagram of Multiple Inheritance



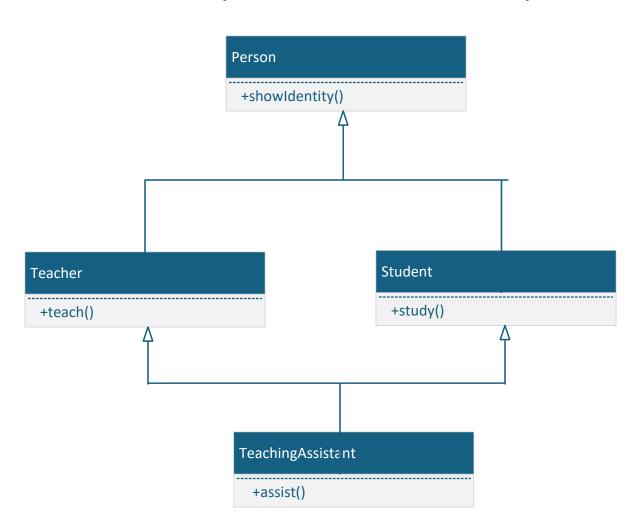
# UML Diagram of Multilevel Inheritance



### UML Diagram of Hierarchical Inheritance



### UML Diagram of Hybrid Inheritance (Diamond Problem)



## UML Diagram of Hybrid Inheritance (Virtual Inheritance)

