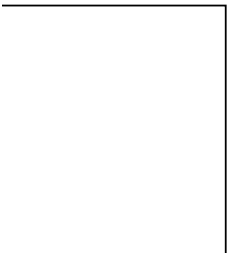
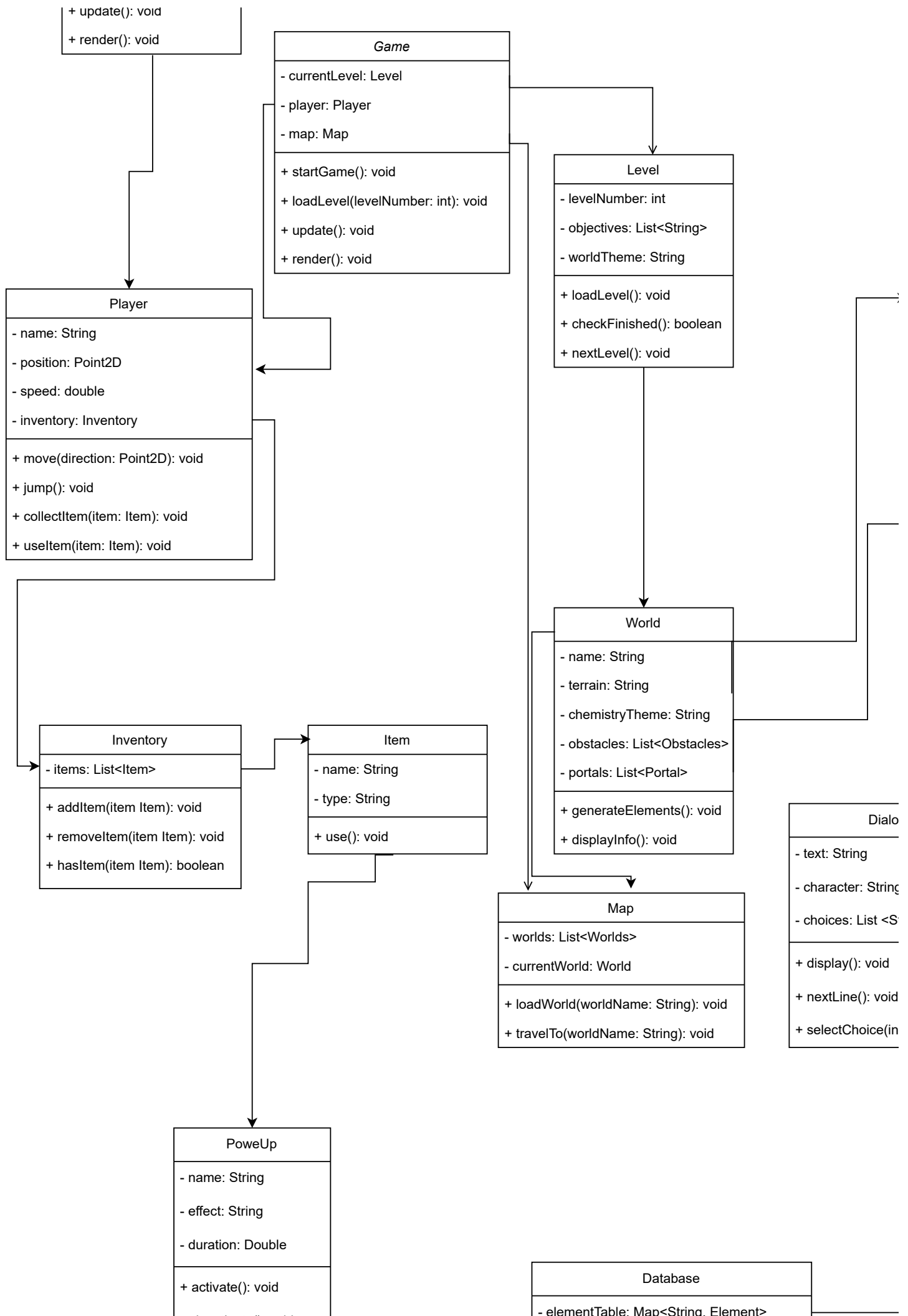
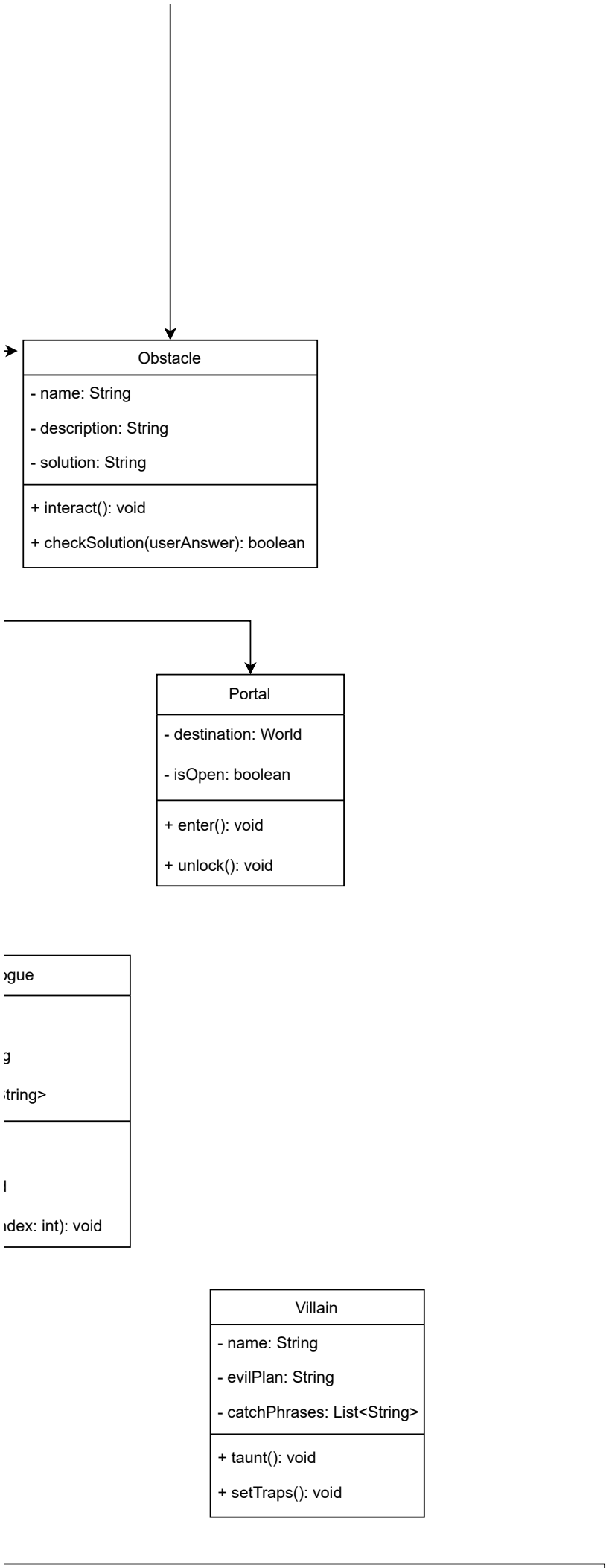


Sprite
- image:ImageView - position: Point2D - velocity: Double
+ move(): void + update(): void







+ deactivate(): void

private Map<String, Element>
- reactionTable: Map<String, Reaction>
+ getElement(symbol: String): Element
+ getReaction(name: String): Reaction

Reaction

- reactants: List< Map<int, Molecule> >
- products: List< Map<int, Molecule> >
- reactionType: String
- energyChange: double

+ isBalanced():
+ getReactionEquation(): String
+ calculateEnergyChange(): double

- name:
- formula:
- atoms:
- molarMass:
- bondType:
+ calculateEnergyChange(): double
+ getFormula(): String
+ display(): String

