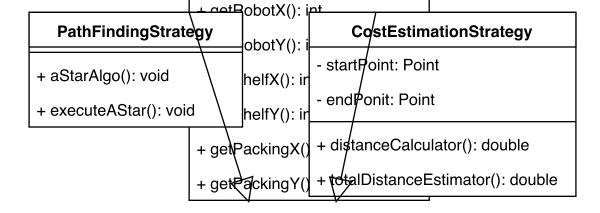
Robot Subsystem UML

Robot - safetyMargin: int - batteryLevel: int - orderstatus: Boolean - uid: String - lastNum: int - robotX: int - robotY: int - chargingX: int - chargingY: int - packingX: int - packingY: int - storageX: int - storageY: int - getBatteryLevel(): int - decreaseBatteryLevel(): void - orderDecision(): Boolean - needsCharging(): Boolean - move(): void - pickUpItems(): void



- dropOrder(): void