

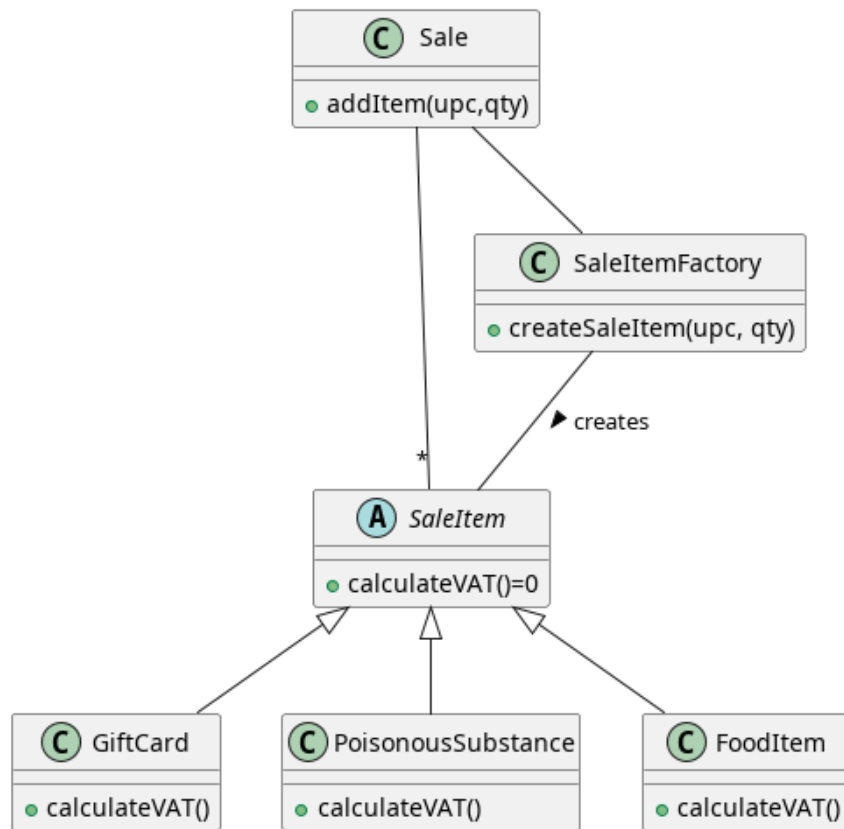
<2022-01-27 tor> GRASP Patterns

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Contents

- Low Coupling
- High Cohesion
- Information Expert
 - Domain Information
 - Design Information
 - Interface Information
- Creator



- Controller
- Polymorphism

```

Sale::WRONGcalculateVAT() {
    float vat=0.25;

    foreach(item : mySaleItemList) {
        int type item->getType();
        switch(type) {
            case 1: vat=0.25; break;
            case 2: vat=0.08; break;
            case 3: vat=0.00; break;
            default: vat=0.25; break;
        }
    }
}
  
```

```

    }

    return vat;
}

Sale::calculateVAT() {
    float vat=0.25;

    foreach(item : mySalesItemList) {
        vat=item->calculateVAT();
    }

    return vat;
}

```

- Indirection
- Protected Variations
- Pure Fabrication

— GRASP Patterns

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- Polymorphism
- Indirection
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- Pure Fabrication

— Multiplicity

