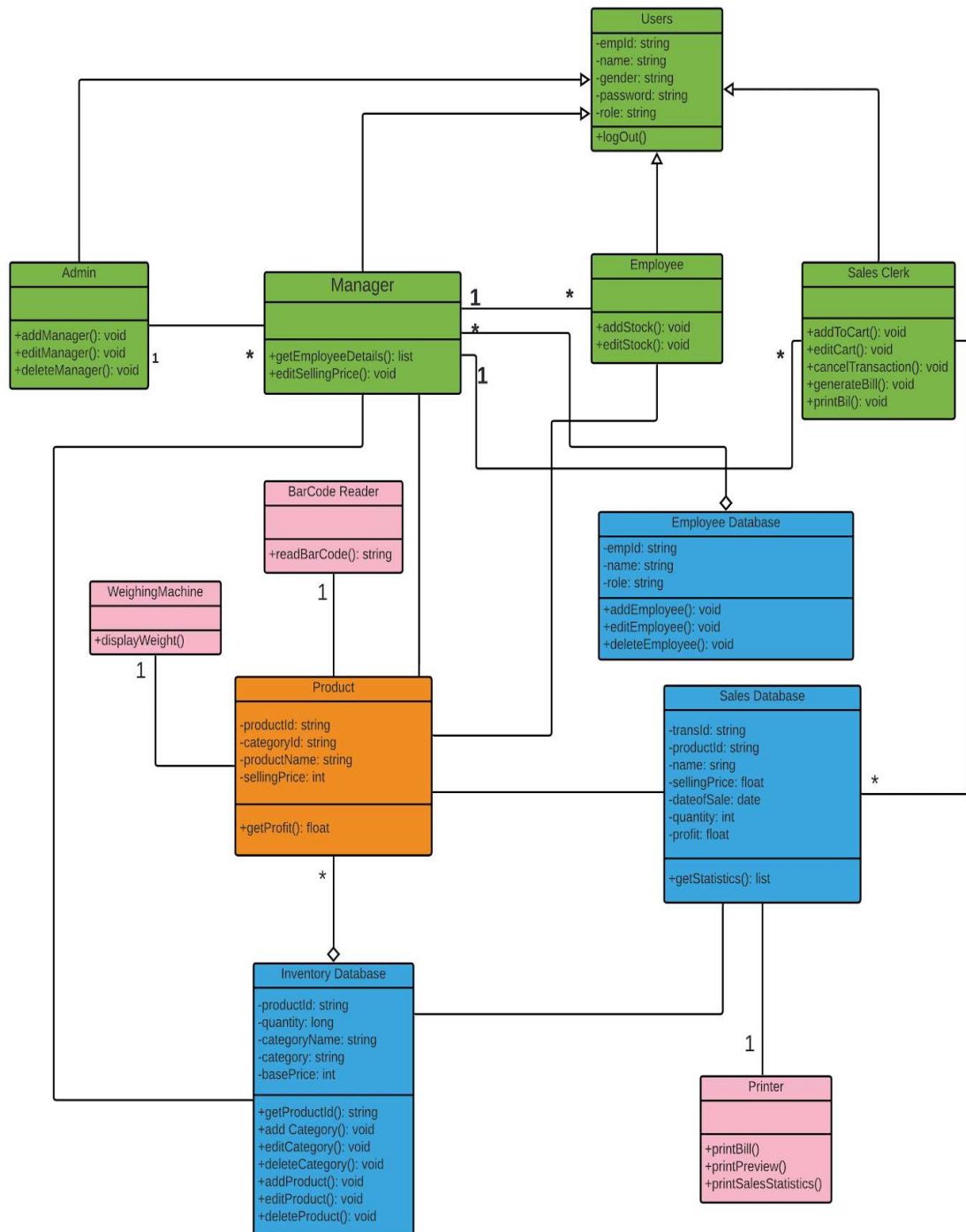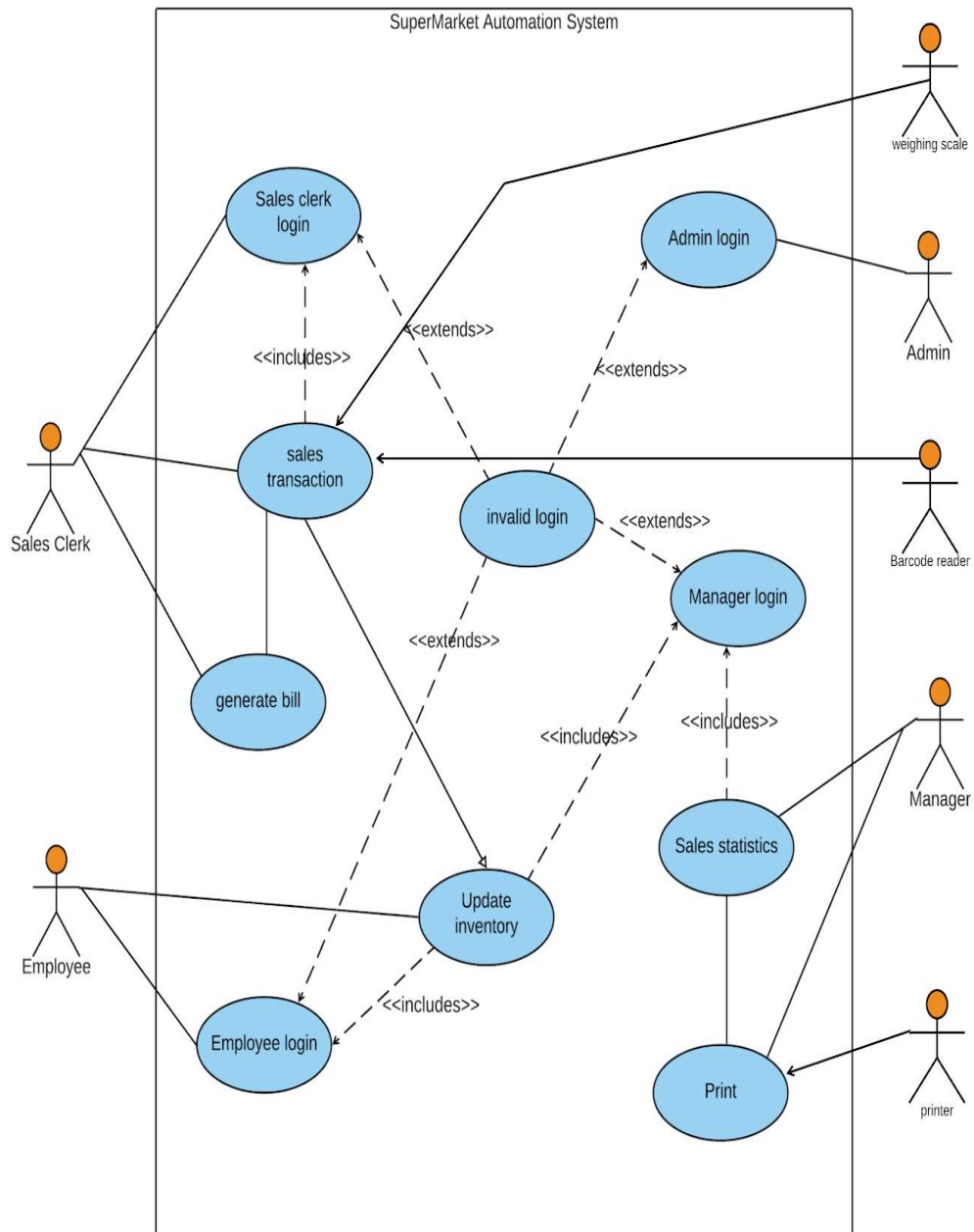# UML Models

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d. Update Price

```
  :Manager              :Product          :Inventory database
     │                     │                      │
     │        Item         │                      │
     │────────────────────>│                      │
     │                     │      productId       │
     │                     │─────────────────────>│
     │                     │                      │
     │<─────────────────── price ─────────────────│
     │                     │                      │
     │              setprice()                    │
     │───────────────────────────────────────────>│
     │                     │                      │
     │<───────────── updatedPrice ────────────────│
     │                     │                      │
     ✕                     ✕                      ✕
```

e. Add Employee

```
  :Manager                              :Employee database
     │                                          │
     │   employeeDetails      :Employee         │
     │──────────────────────>│                  │
     │                       │   addEmployee()  │
     │                       │─────────────────>│
     │                       │                  │
     │                       ✕                  │
     │                                          │
     │<──────────── employeeAdded ──────────────│
     │                                          │
     ✕                                          ✕
```

4. State Chart Diagrams

a. Log in

b. Sales Transaction

c. Printer

d. Sales statistics

e. Automatic Weighing Machine

f. Barcode Reader