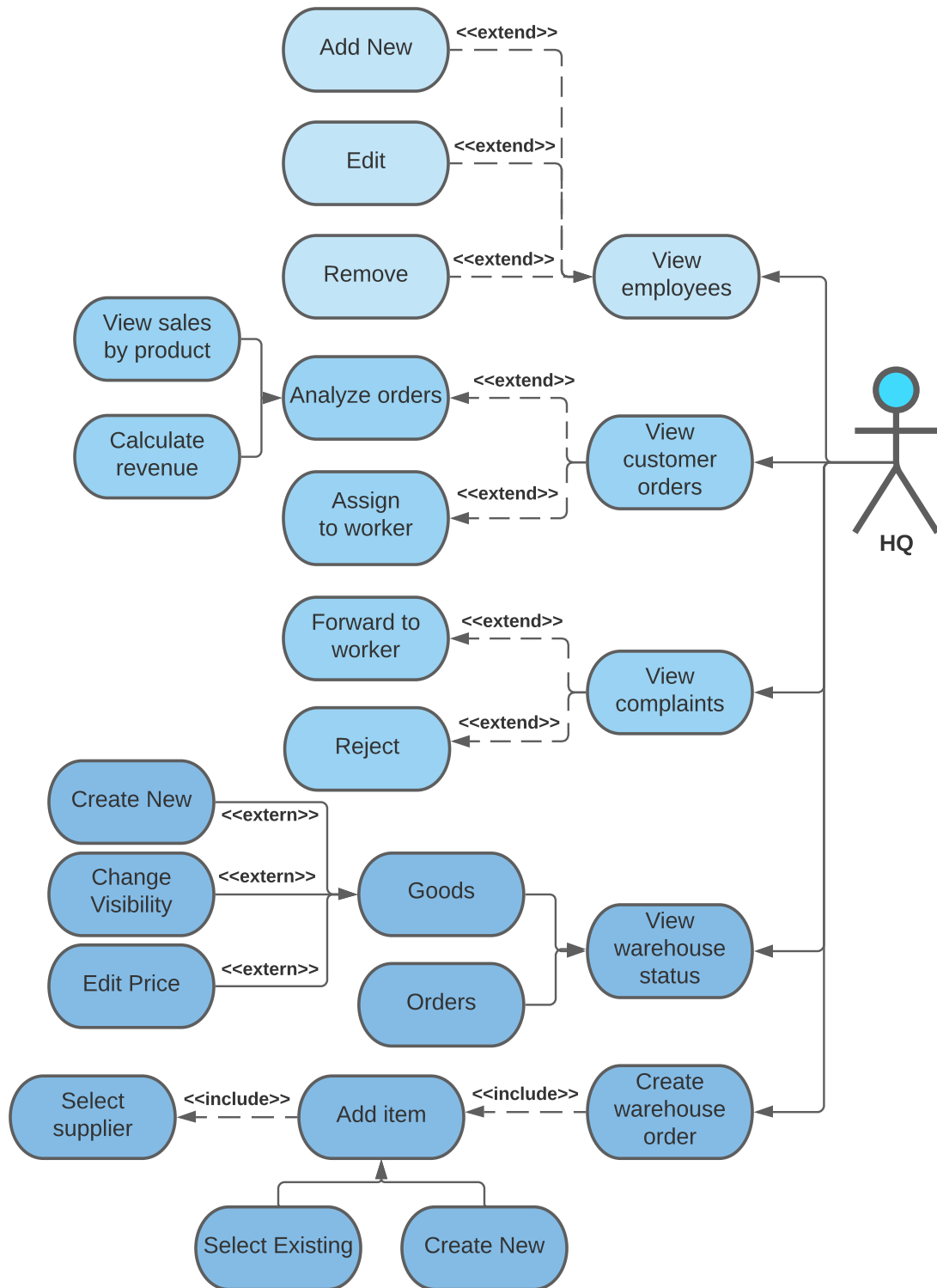
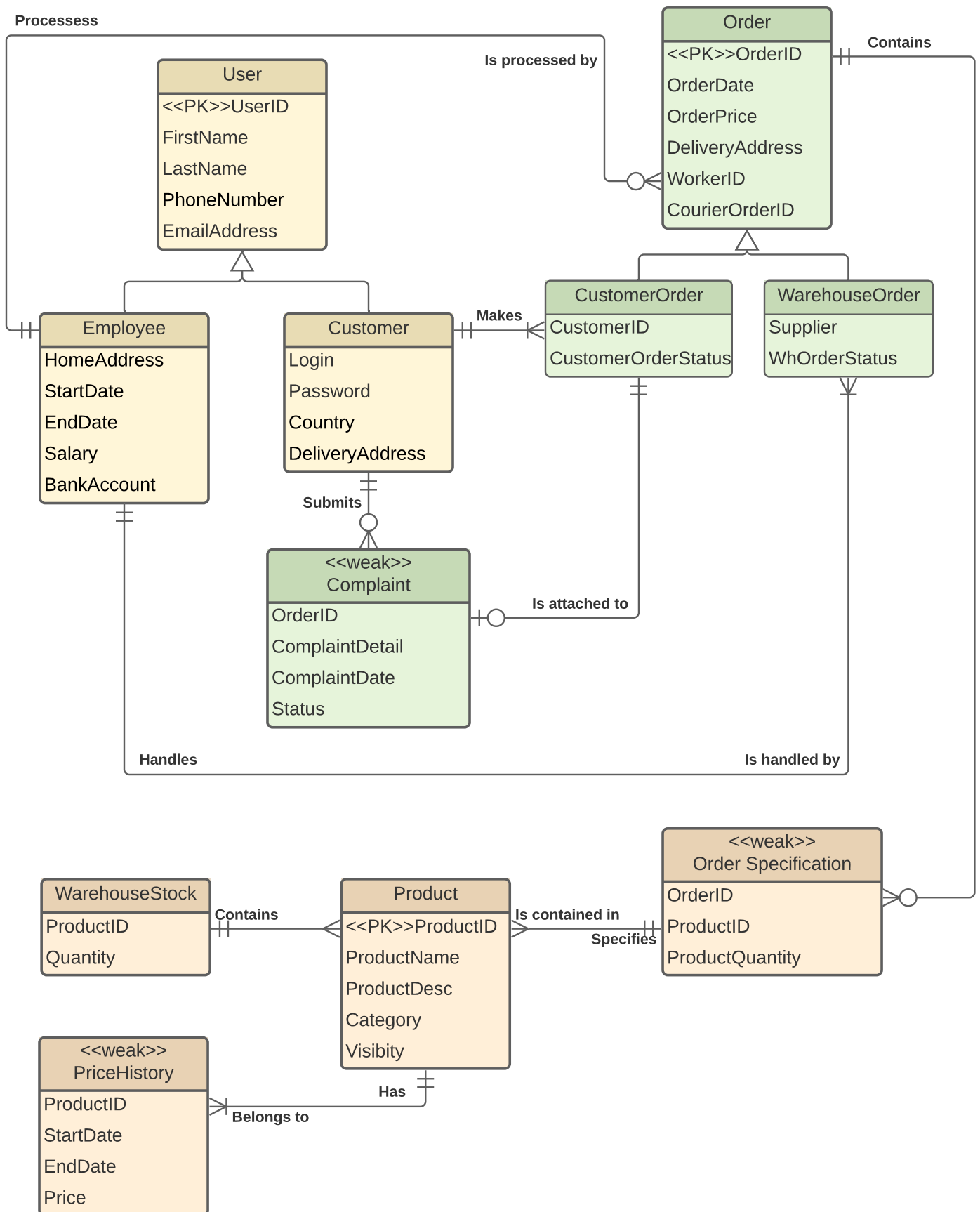




1. Use Case Diagram (a)



2. Use Case Diagram (b)



### 3. Entity Relationship Diagram