

# UML BASED DESIGN

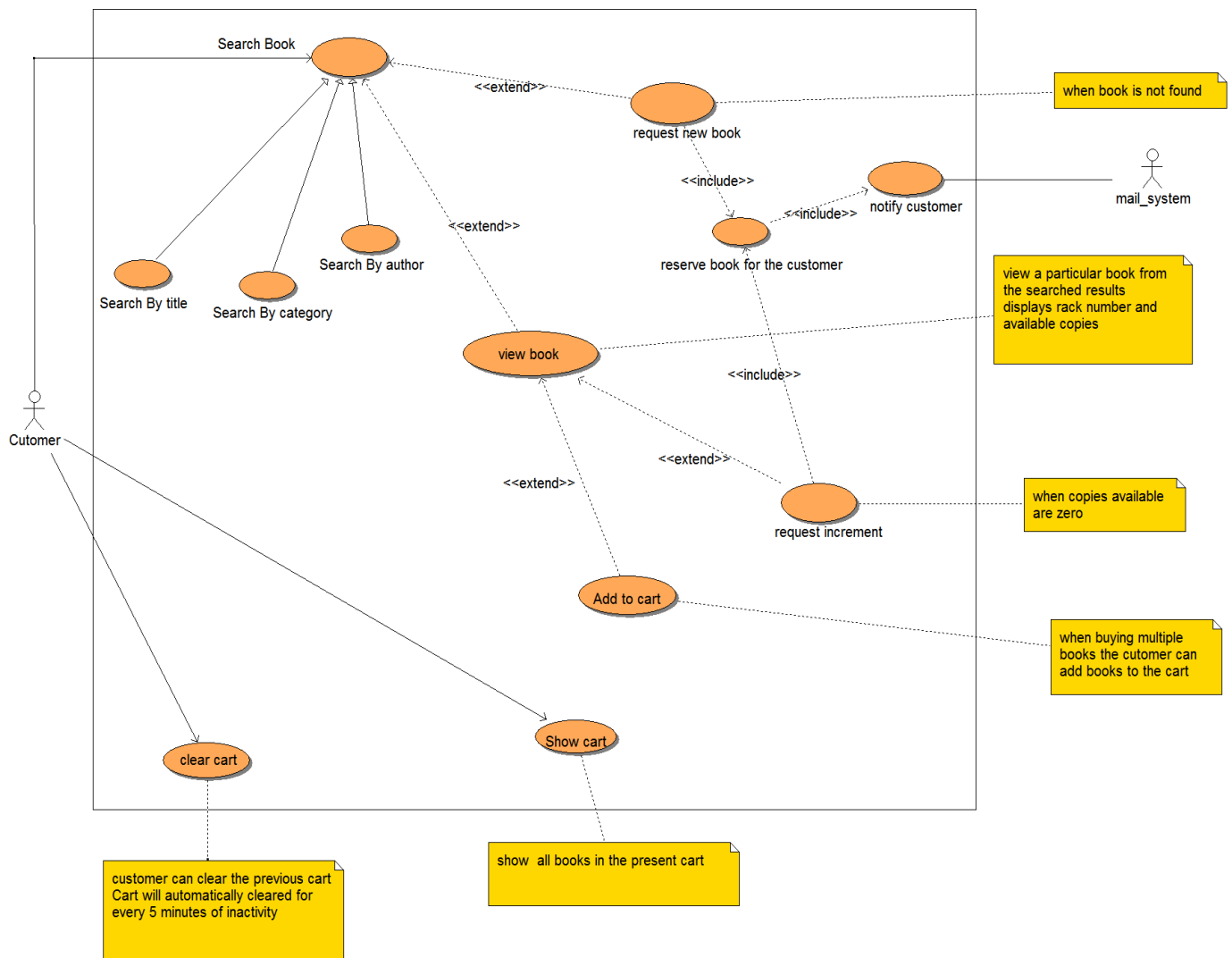
SUMIT GOSWAMI 12CS10051, PRUDHVI DHARMAN 12CS10037

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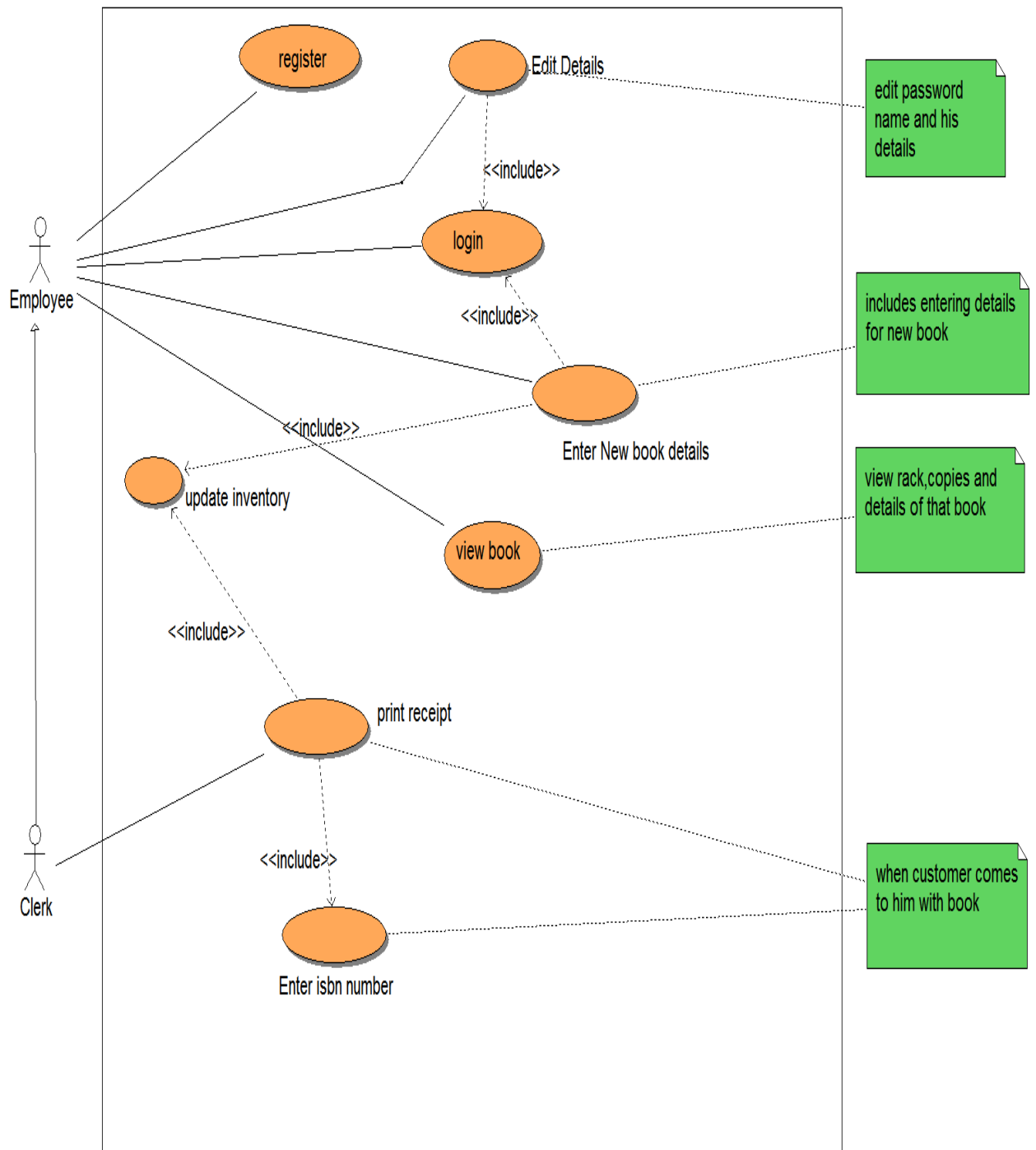
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## 1.0 Use case Diagrams

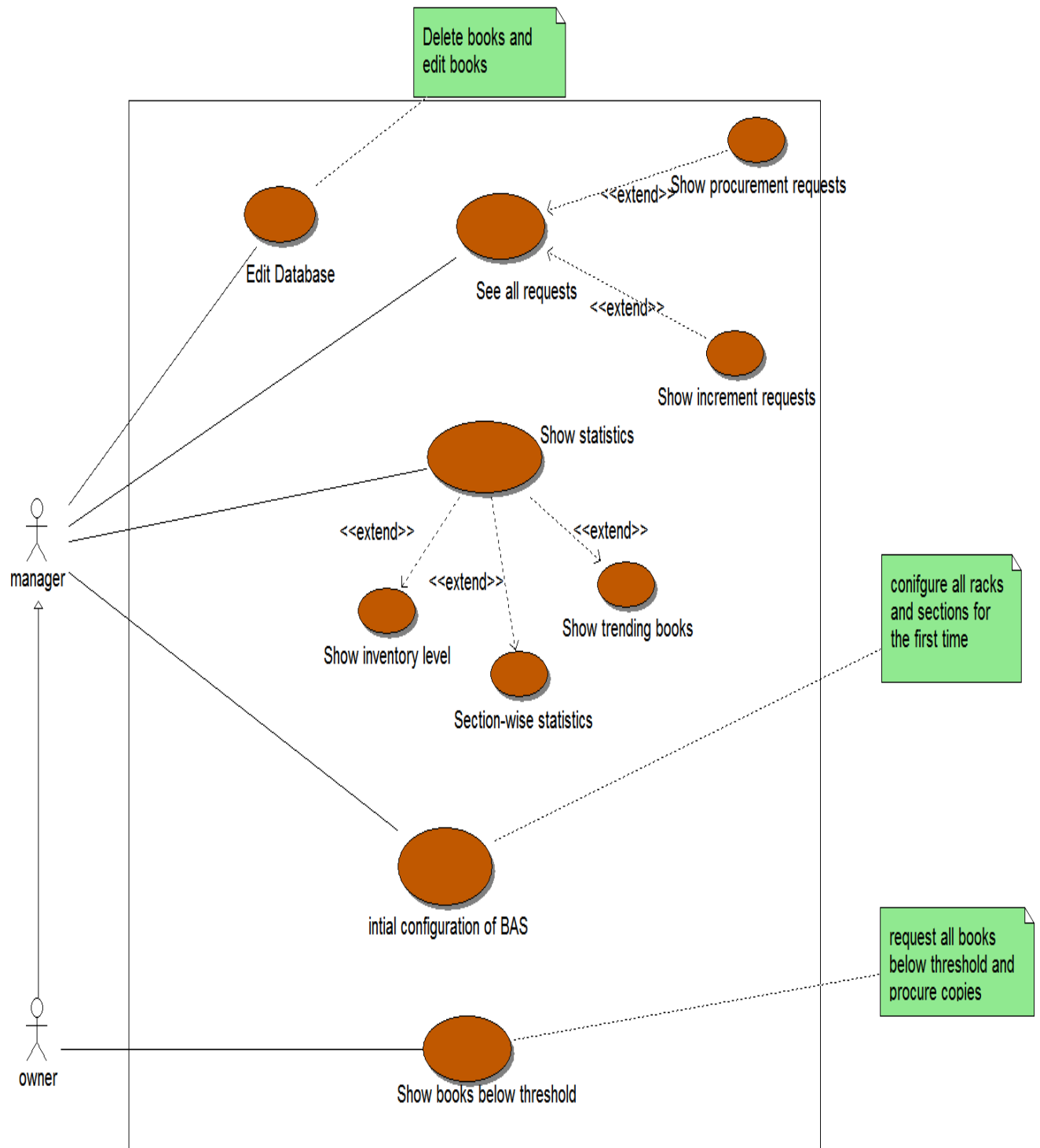
### 1.1 Customer



## 1.2 Employee and Clerk

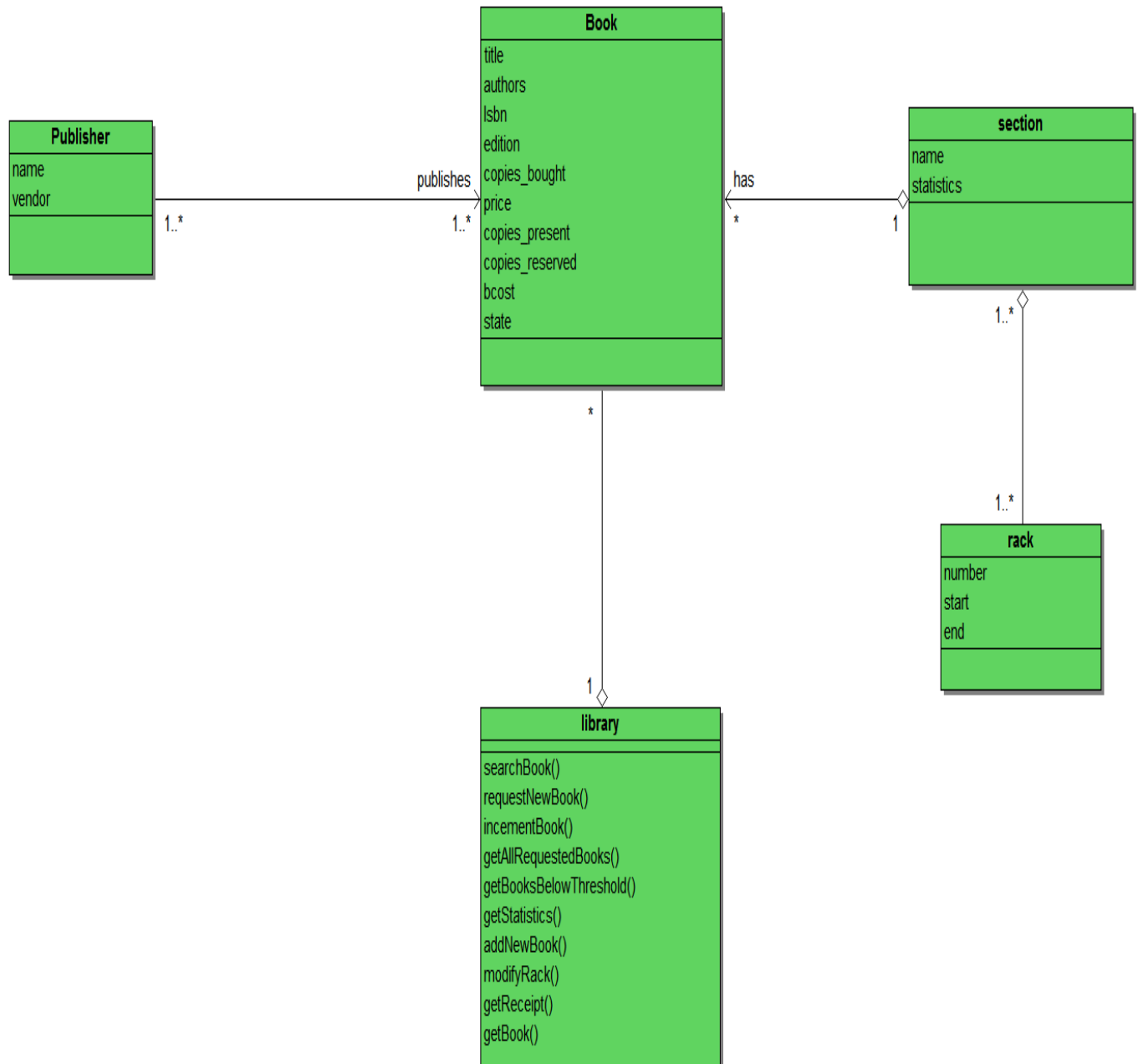


## 1.3 Manger and Owner

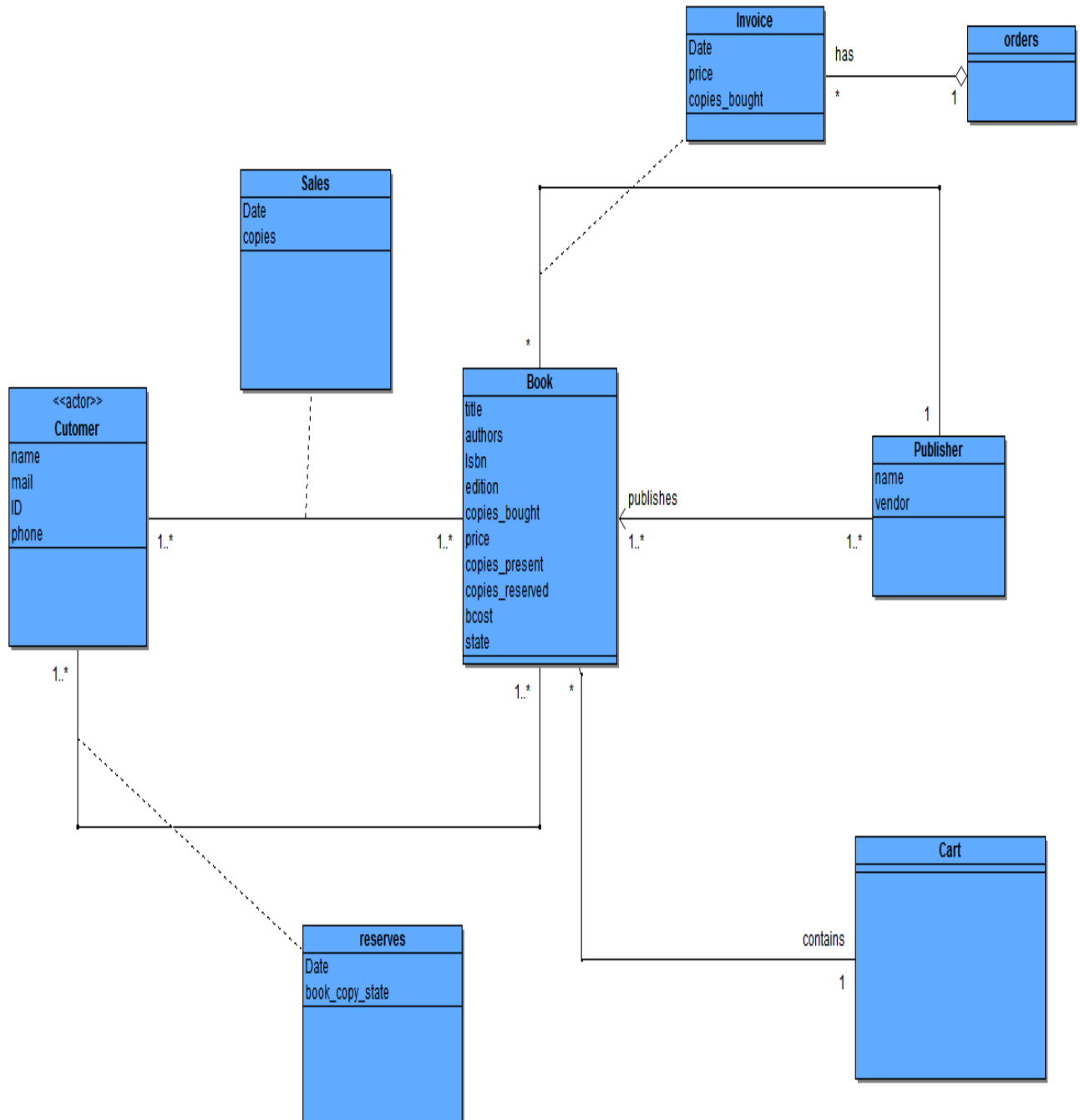


## 2.0 Class Diagrams

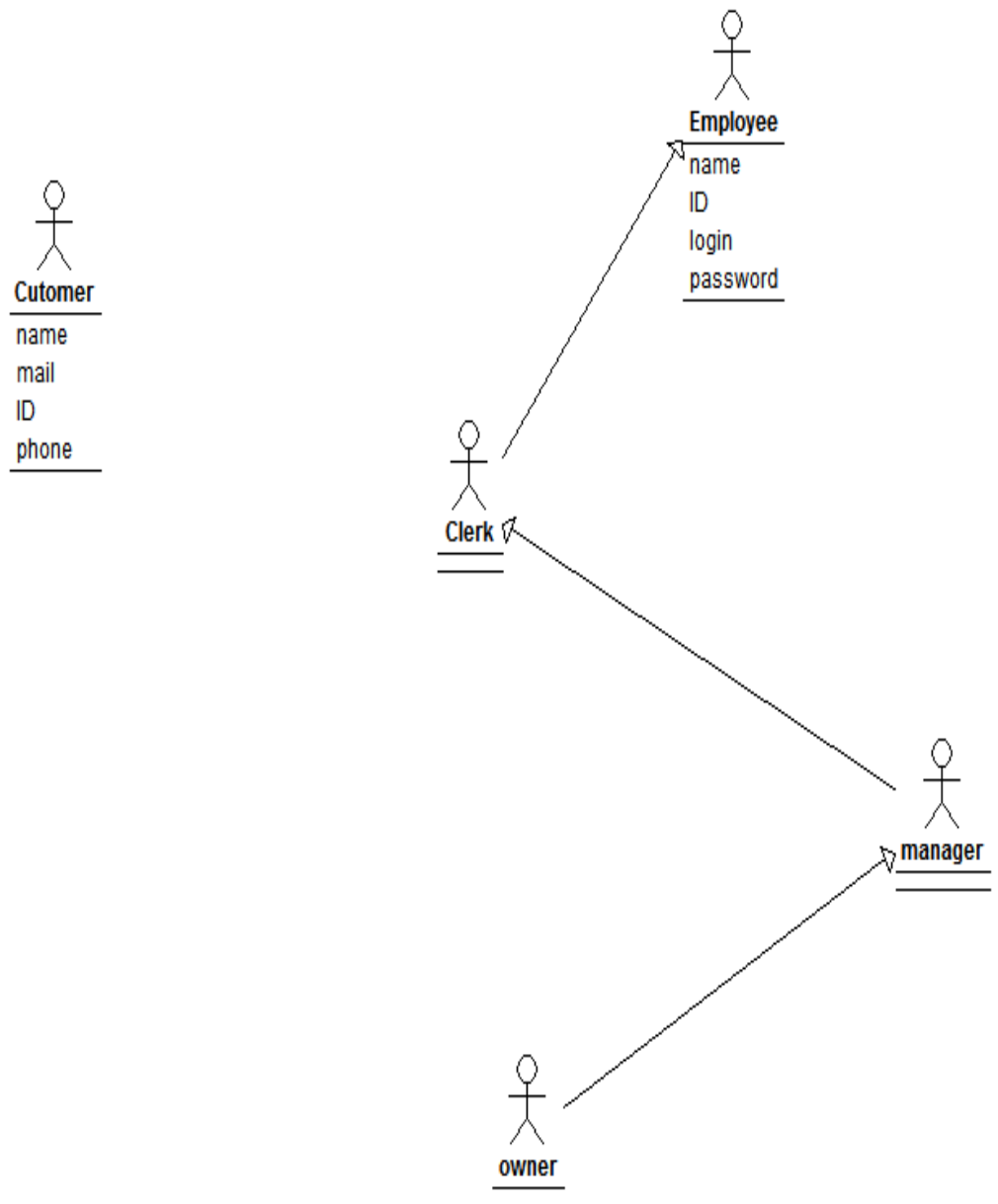
### 2.1 Book



## 2.2 Library



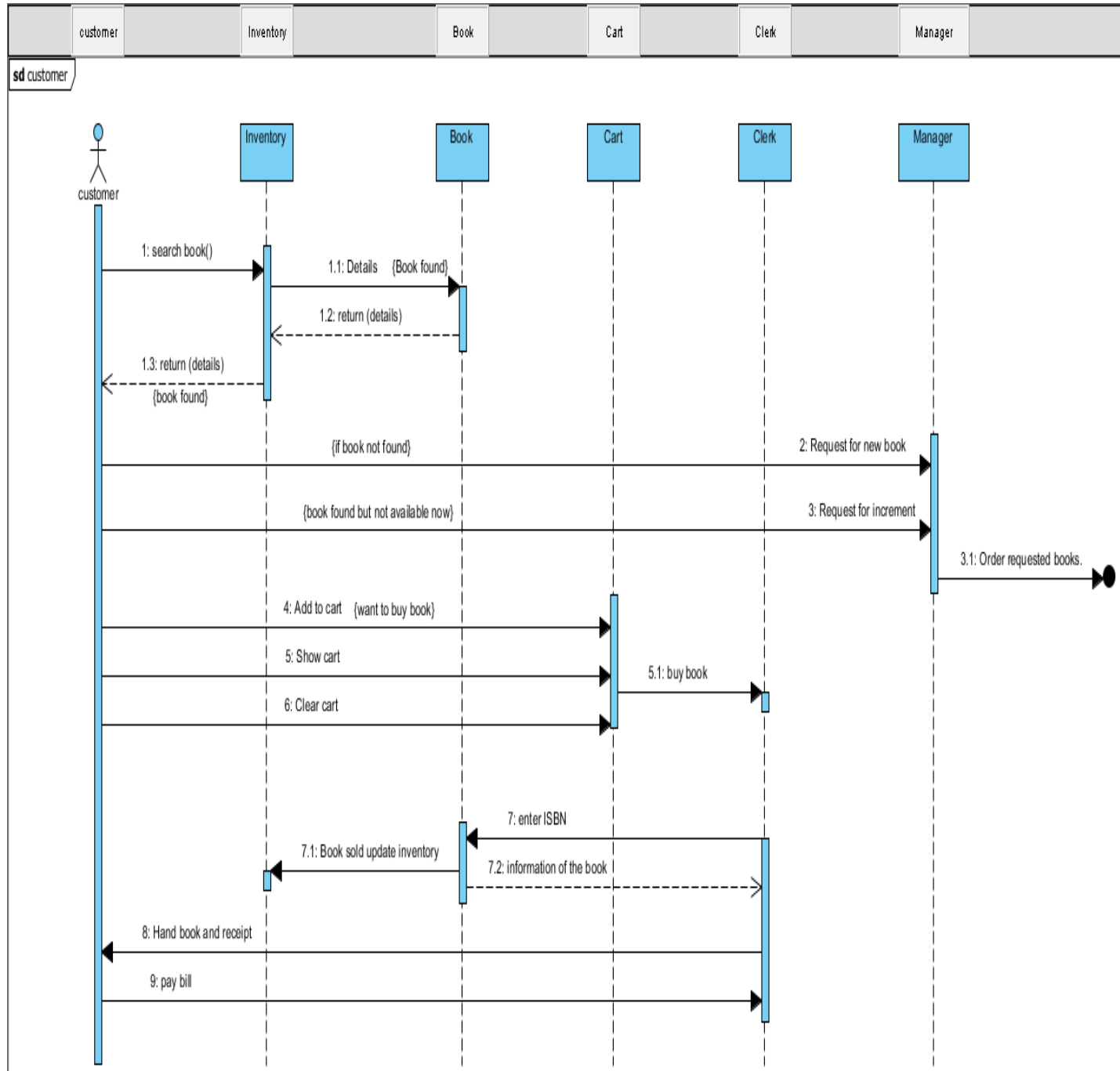
## 2.3 Employee



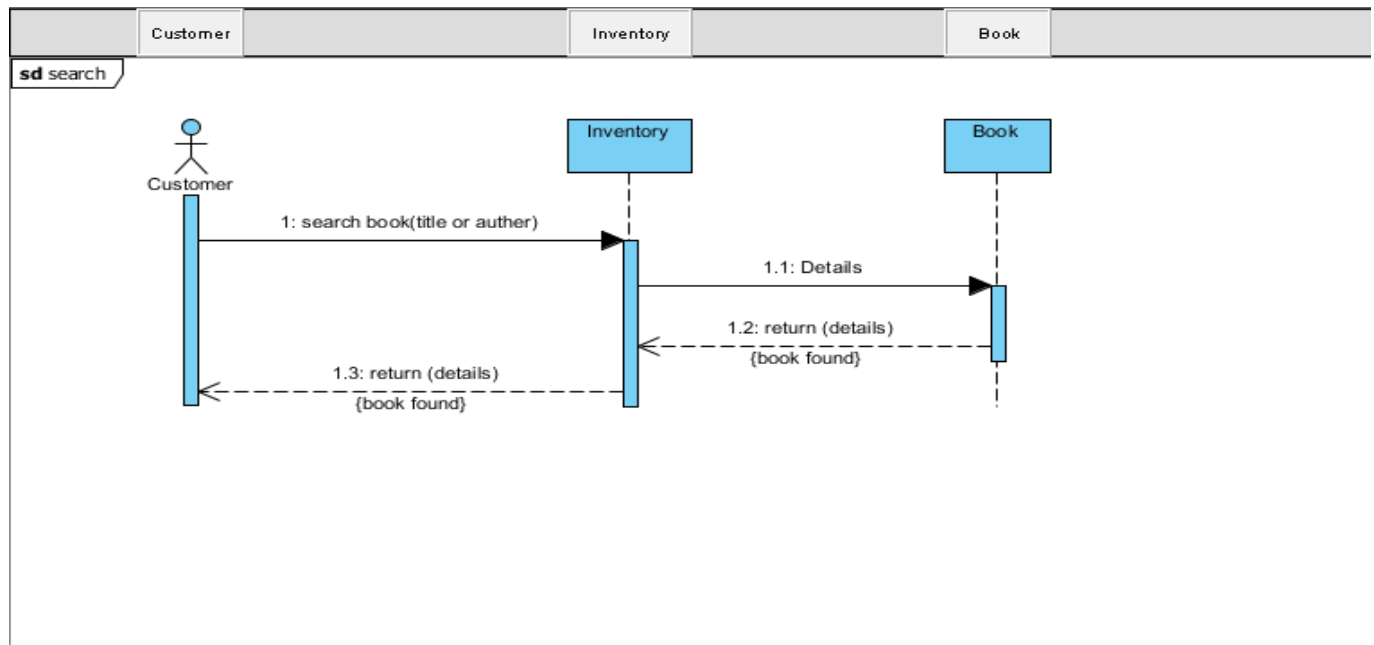


## 3.0 Sequence Diagrams

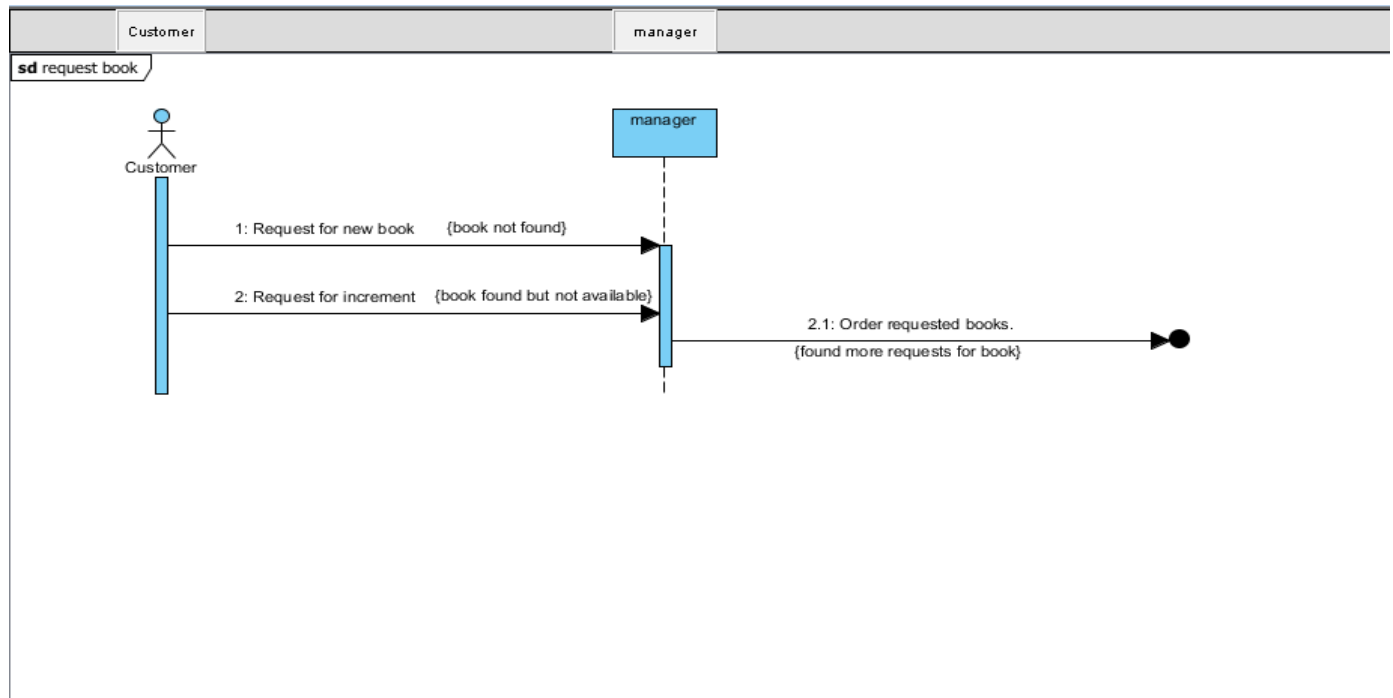
### 3.1 Customer



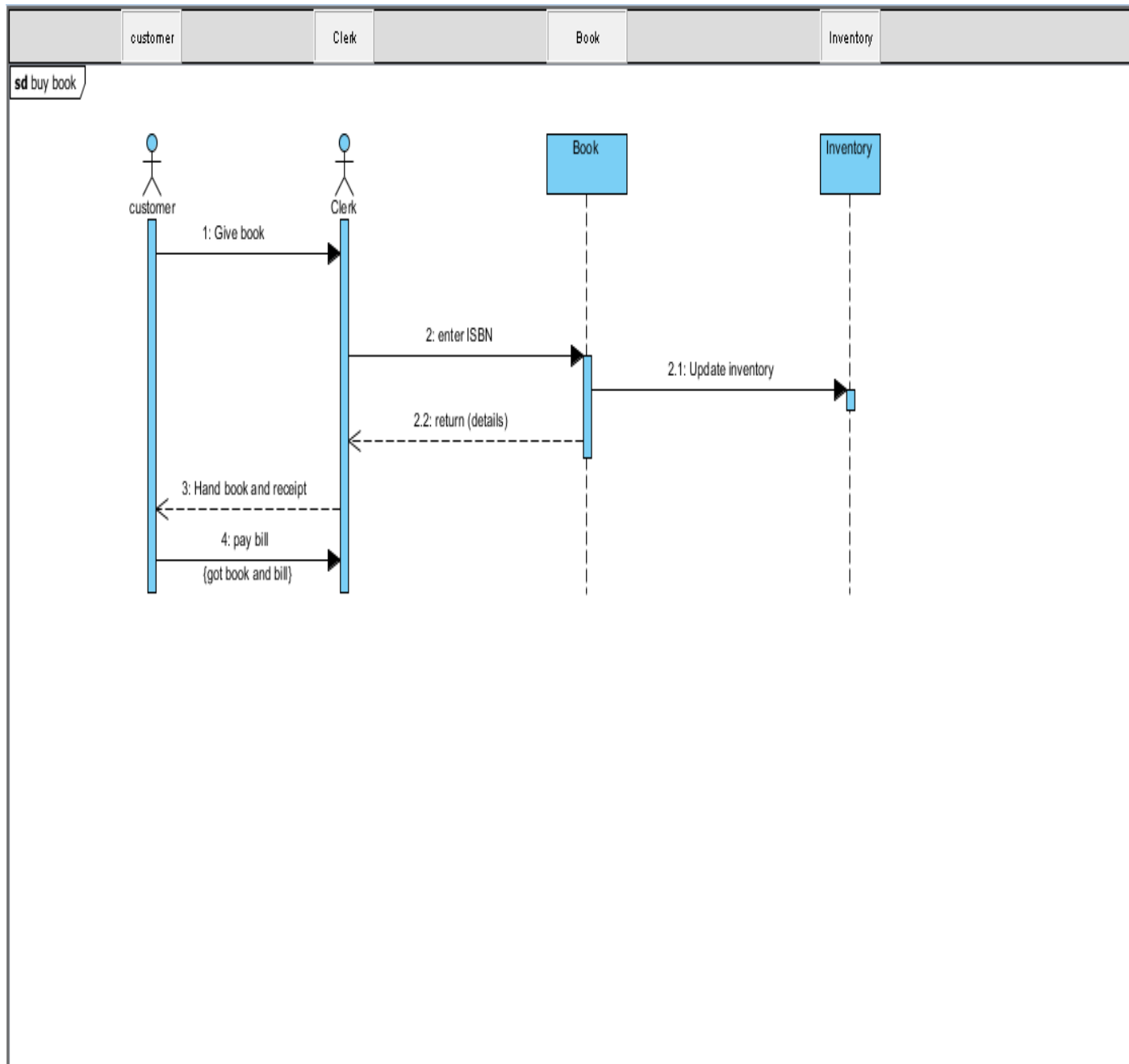
### 3.2 Search book



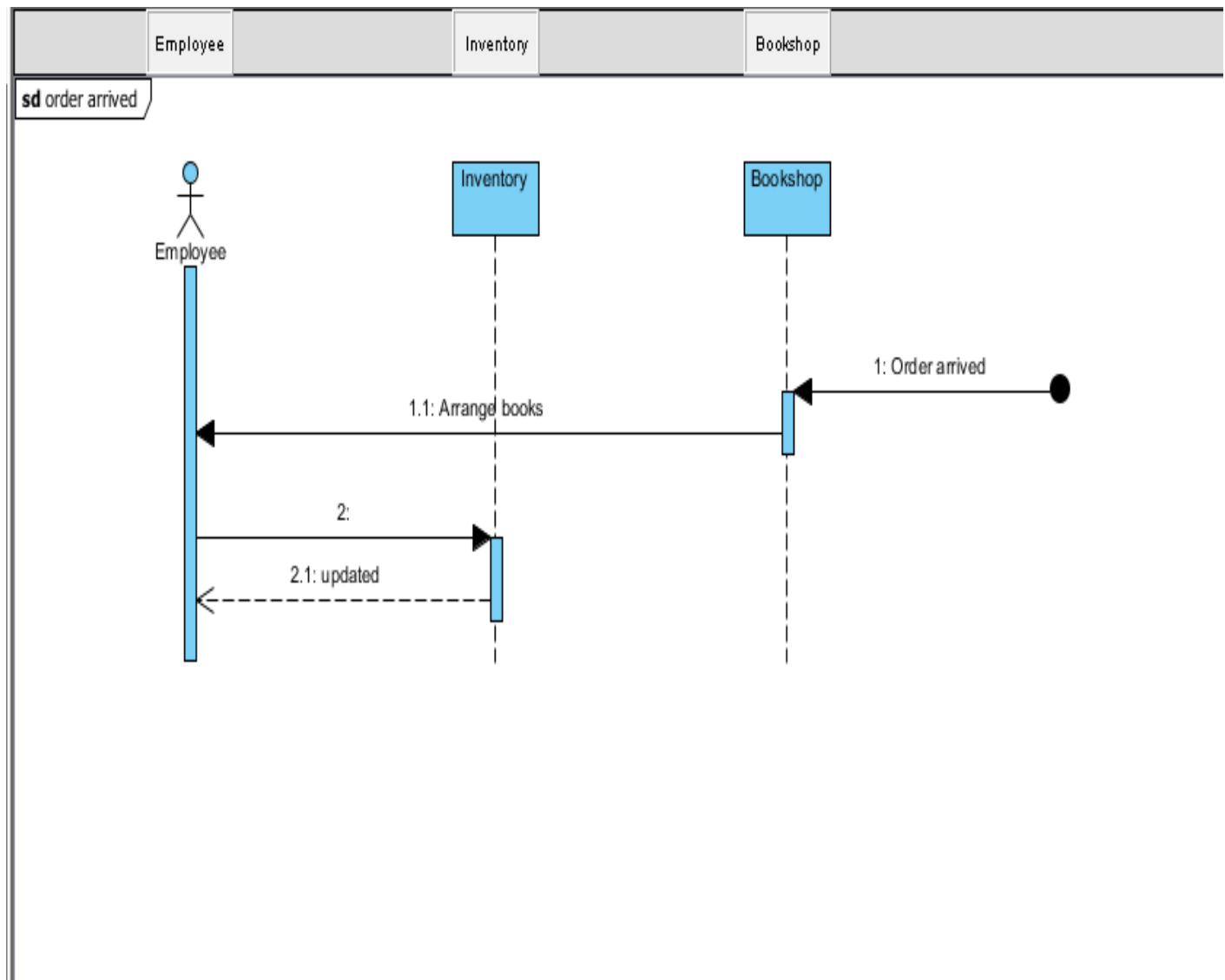
### 3.3 Request for book



### 3.4 Buy book

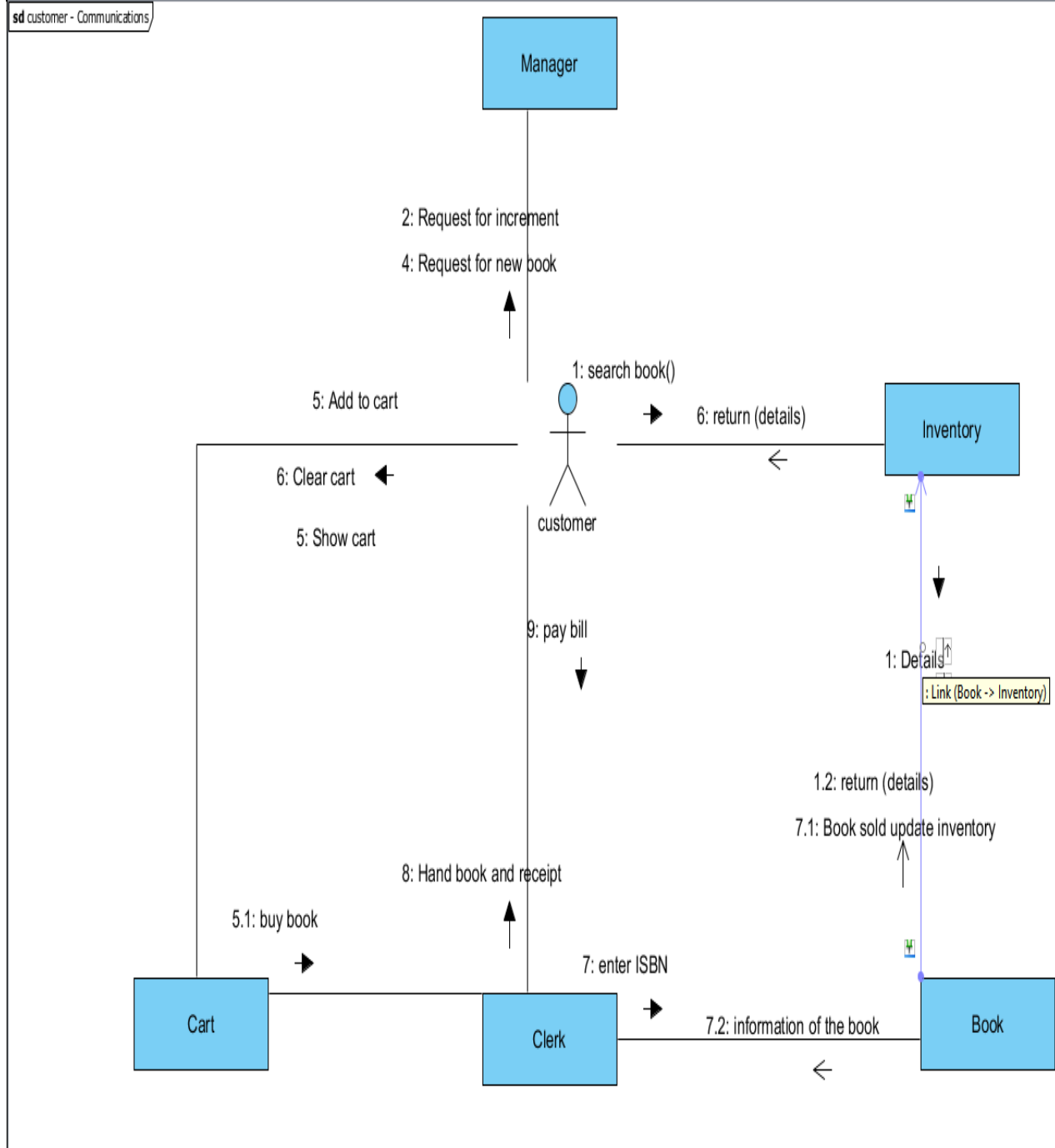


## 3.5 Order arriver



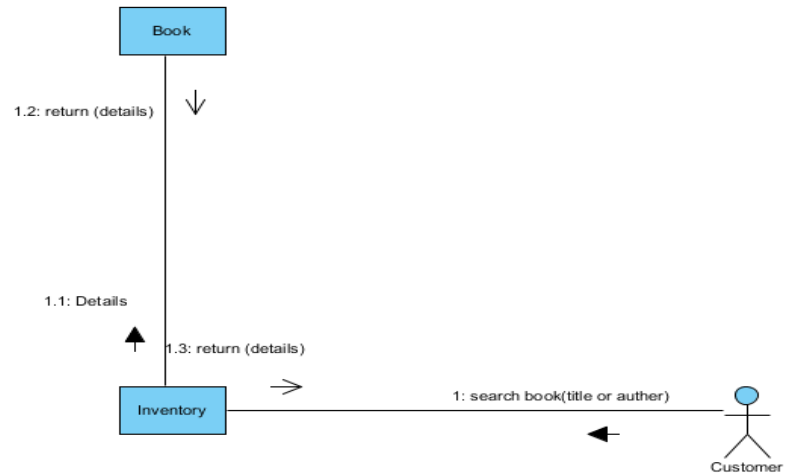
## 4.0 Communication Diagrams

### 4.1 Customer



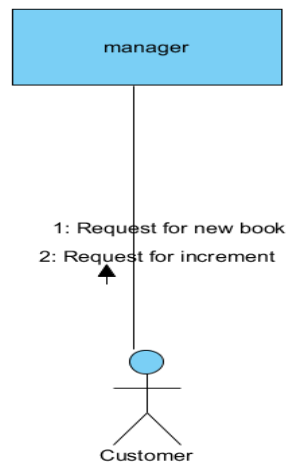
## 4.2 Search book

sd search - Communications



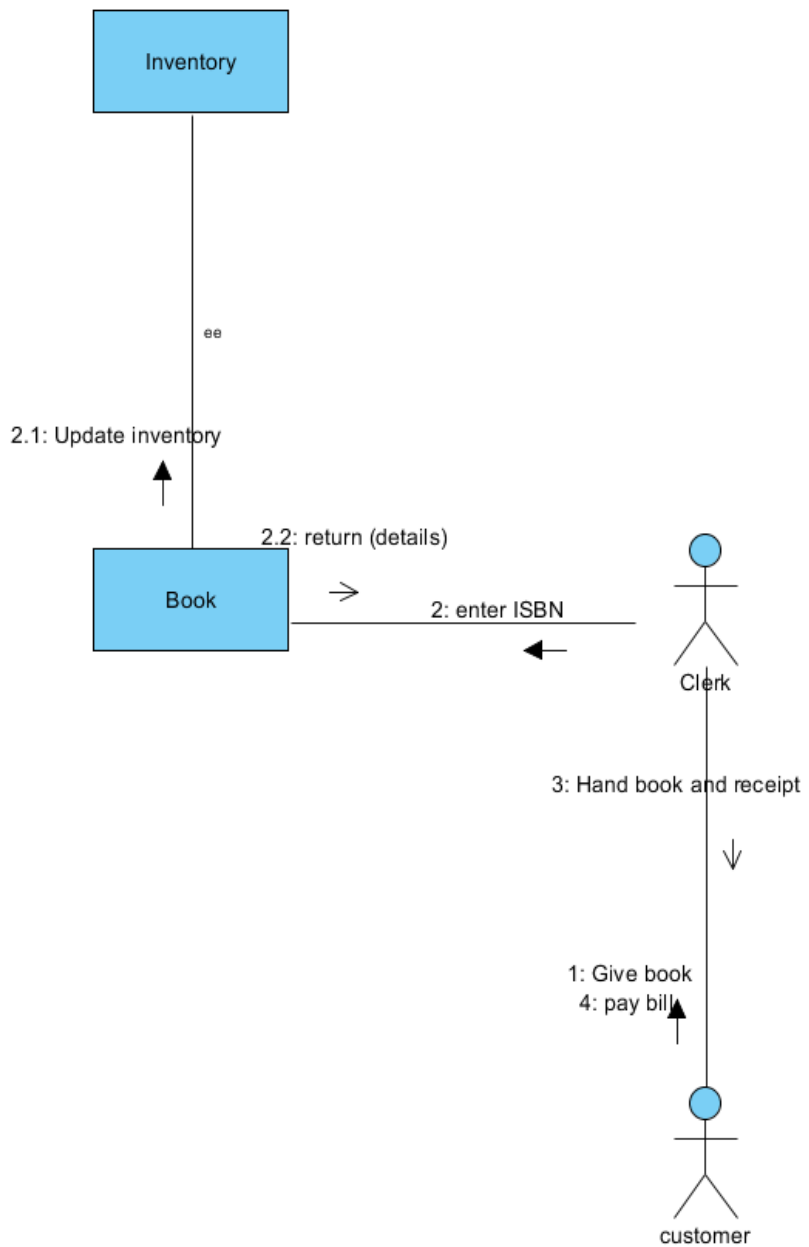
## 4.3 Request book

sd request book - Communications



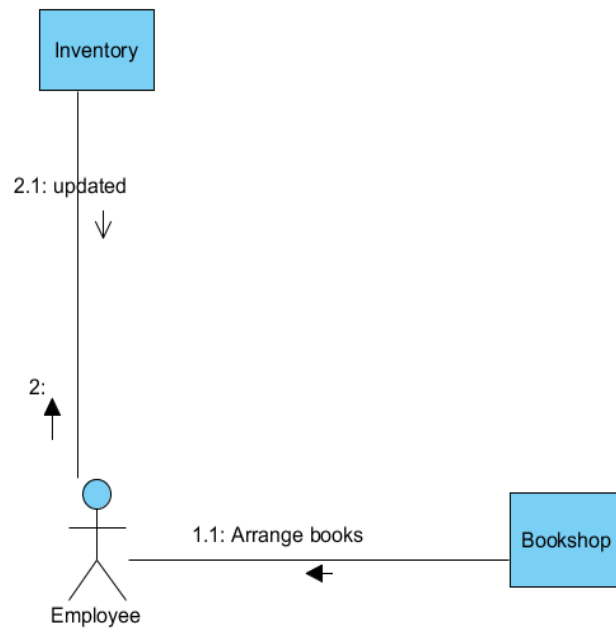
## 4.4 Buy book

sd buy book - Communications



## 4.5 Order arrived

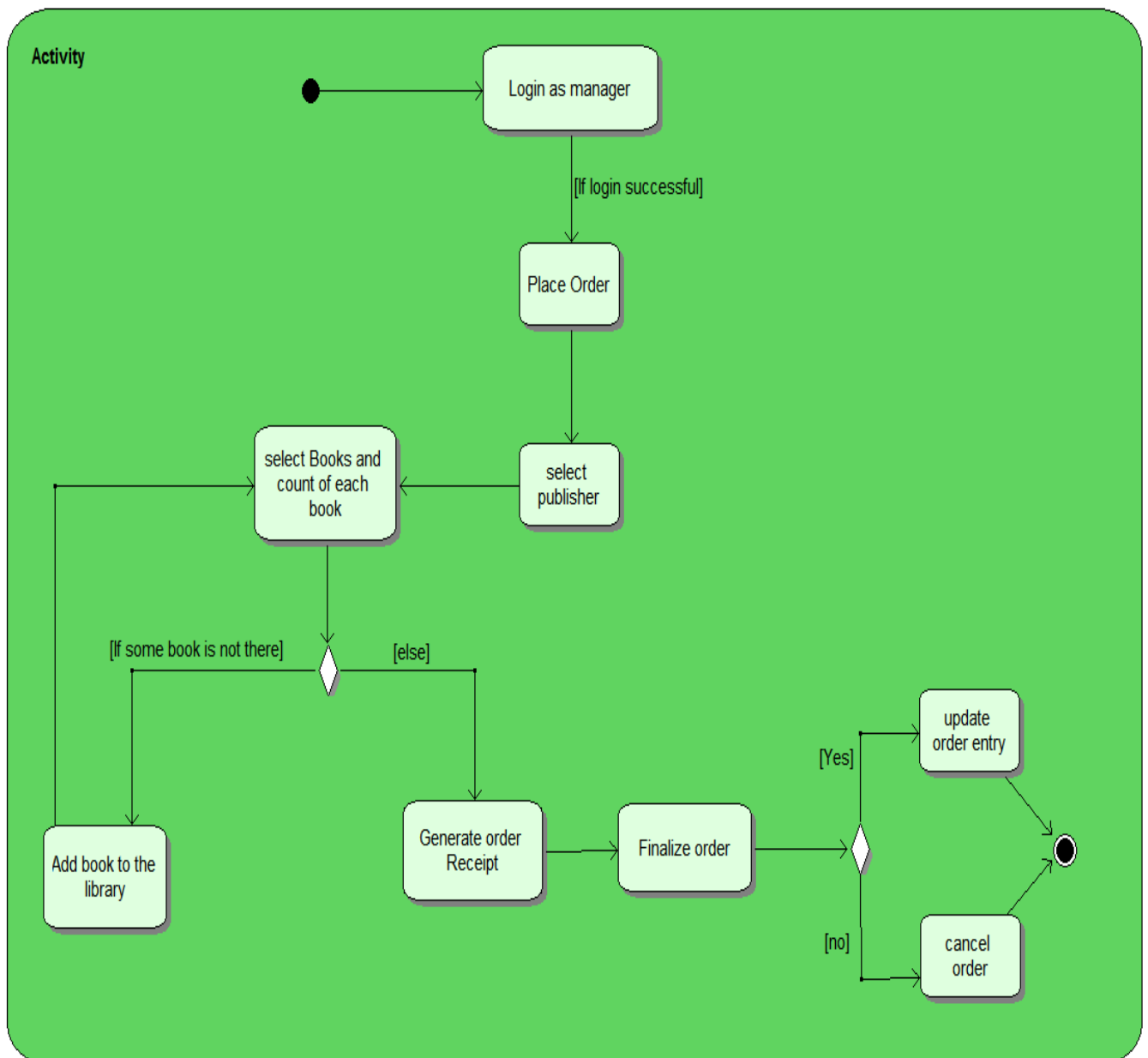
sd order arrived - Communications



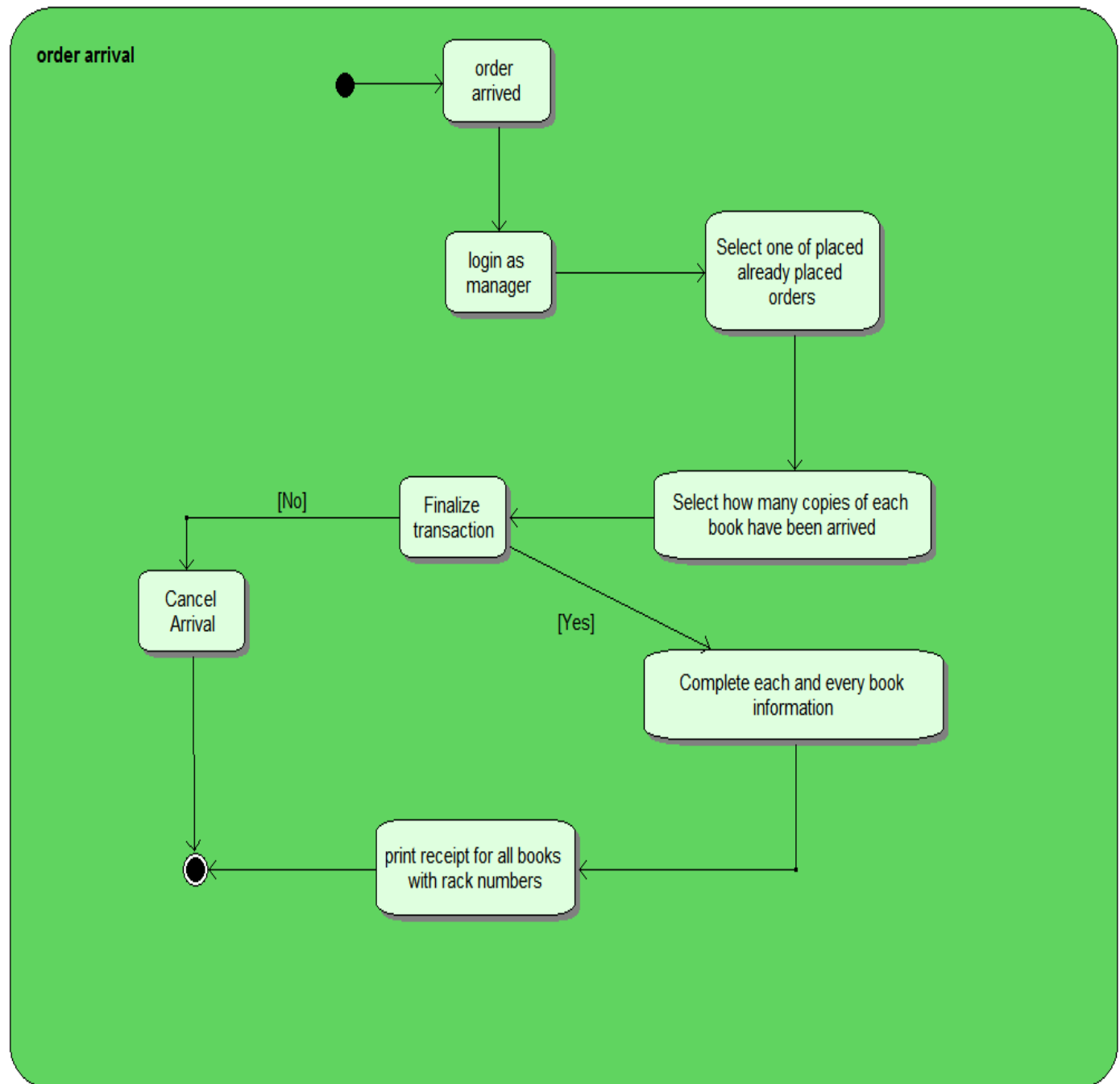


## 5.0 Activity Diagrams

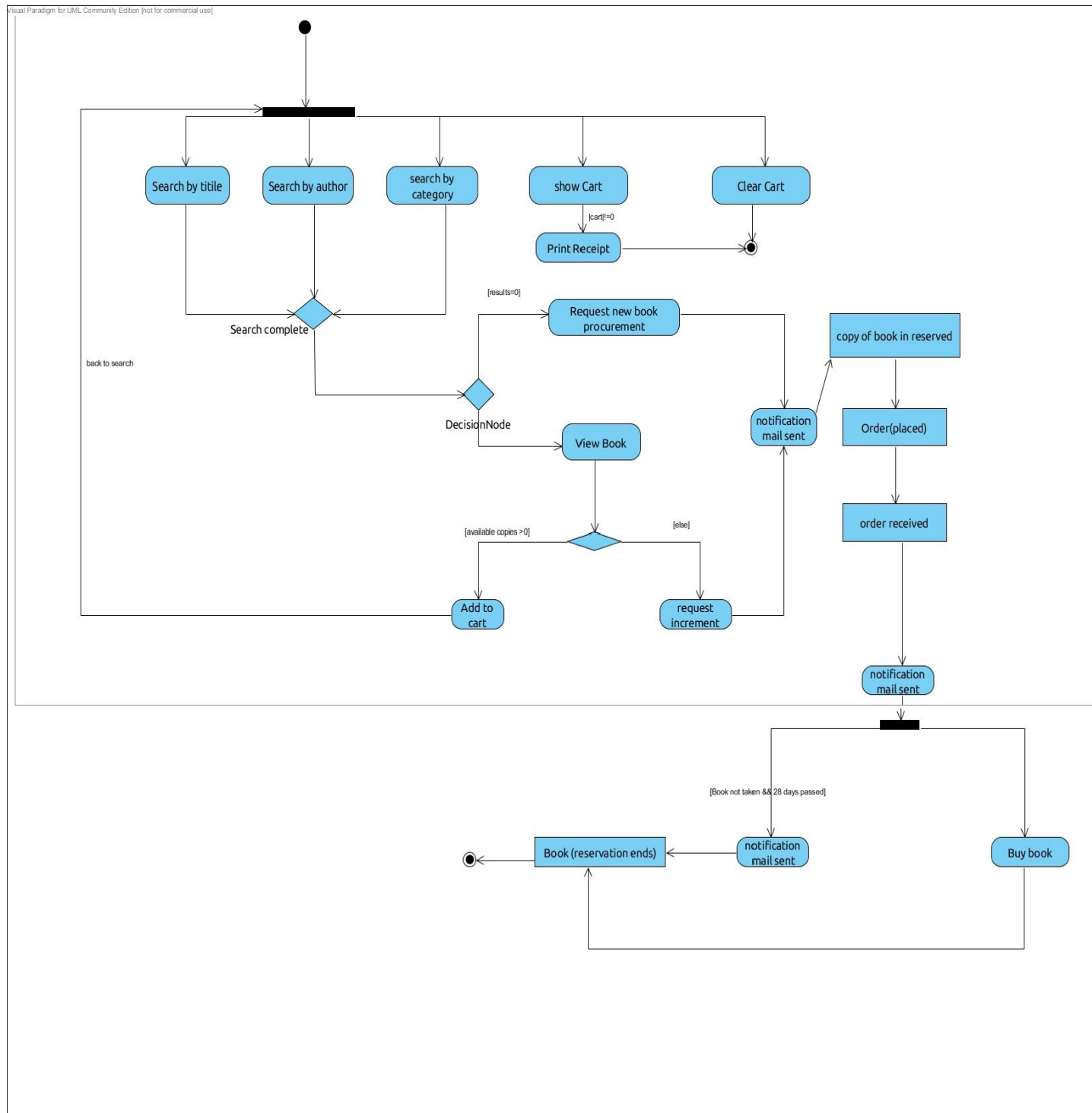
### 5.1 Order placed



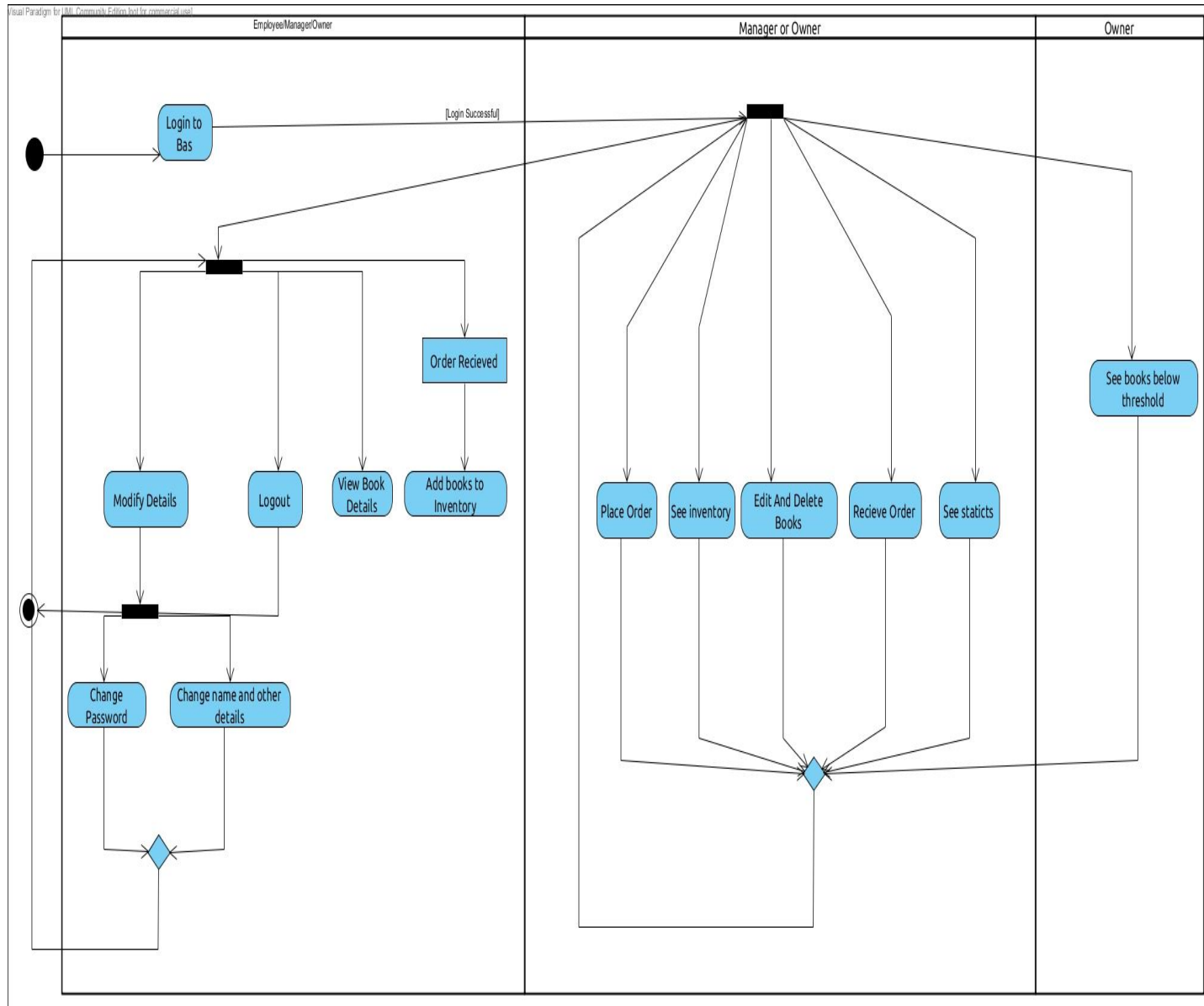
## 5.2 Order Arrived



## 5.3 Customer

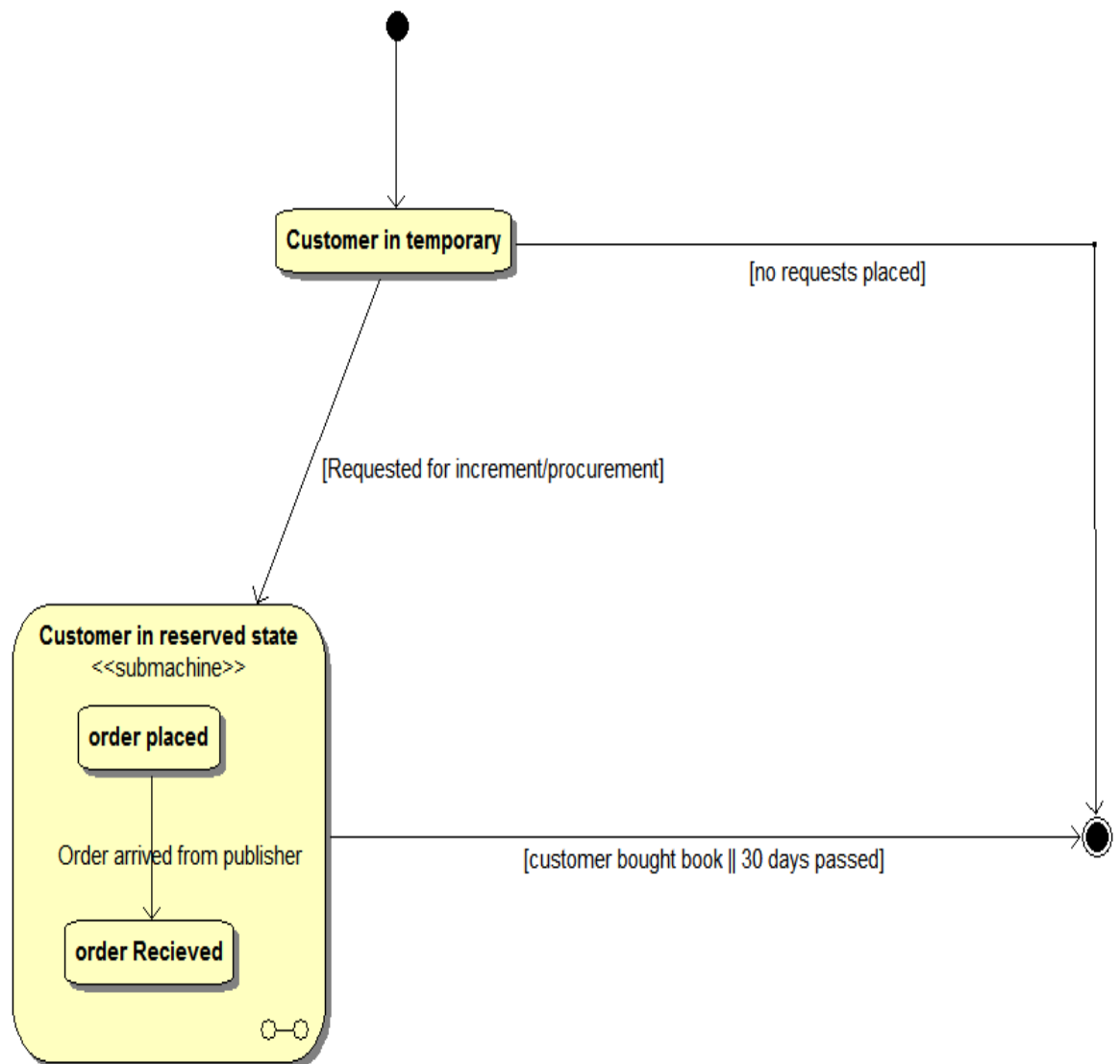


## 5.4 Employee, Manager and Owner

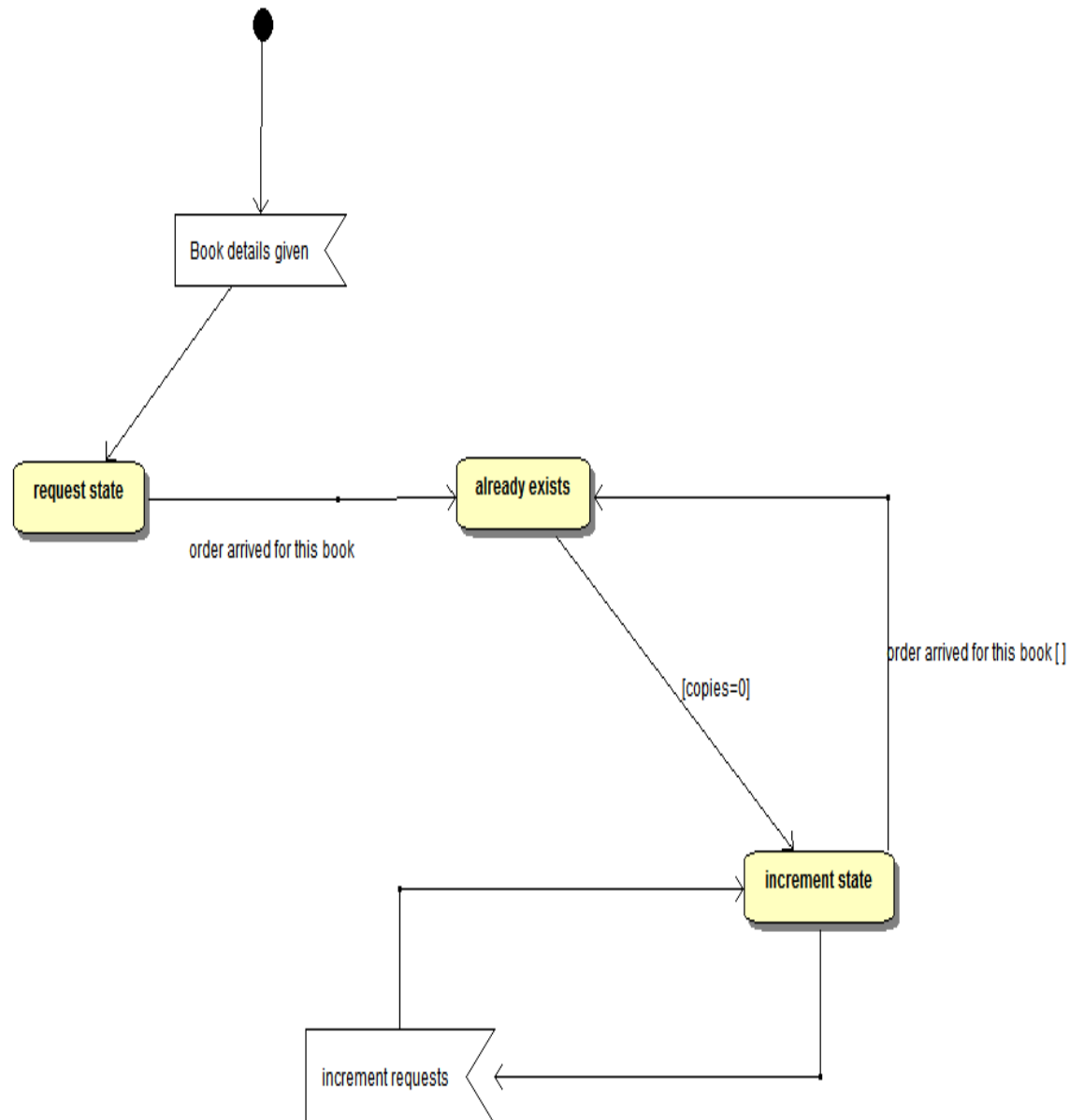


## 6.0 State chart Diagrams

### 6.1 Customer



## 6.2 Book



### 6.3 Order

