
UML DIAGRAMS

for

Book Shop Automation Software

Version 1.0 approved

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Contents

1	UML Diagrams	3
1.1	Use Case Diagrams	3
1.2	Class Diagram	5
1.3	Sequence Diagrams	6
1.3.1	Book query and transactions	6
1.3.2	Generate receipt	7
1.3.3	Procurement of books	7
1.3.4	Update inventory	8
1.3.5	View requests	8
1.4	Communication Diagrams	9
1.4.1	Book query and transactions	9
1.4.2	Generate receipt	9
1.4.3	Procure books	10
1.4.4	Update inventory	10
1.4.5	View requests	10
1.5	Activity Diagrams	11
1.5.1	Manager's activity	11
1.5.2	Book query	11
1.5.3	Stock arrival	12
1.6	State diagrams	13
1.6.1	Book	13
1.6.2	Cart	14
1.6.3	Order	15

1 UML Diagrams

1.1 Use Case Diagrams

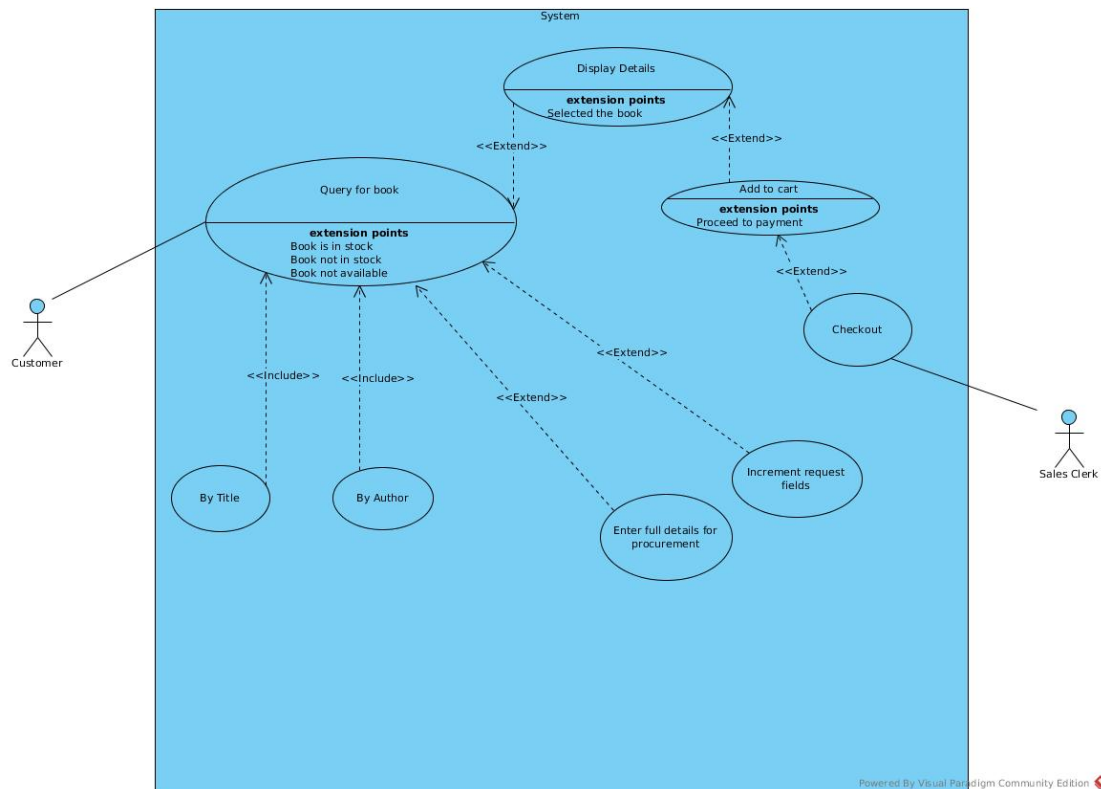


Figure 1.1: Customer related use cases.

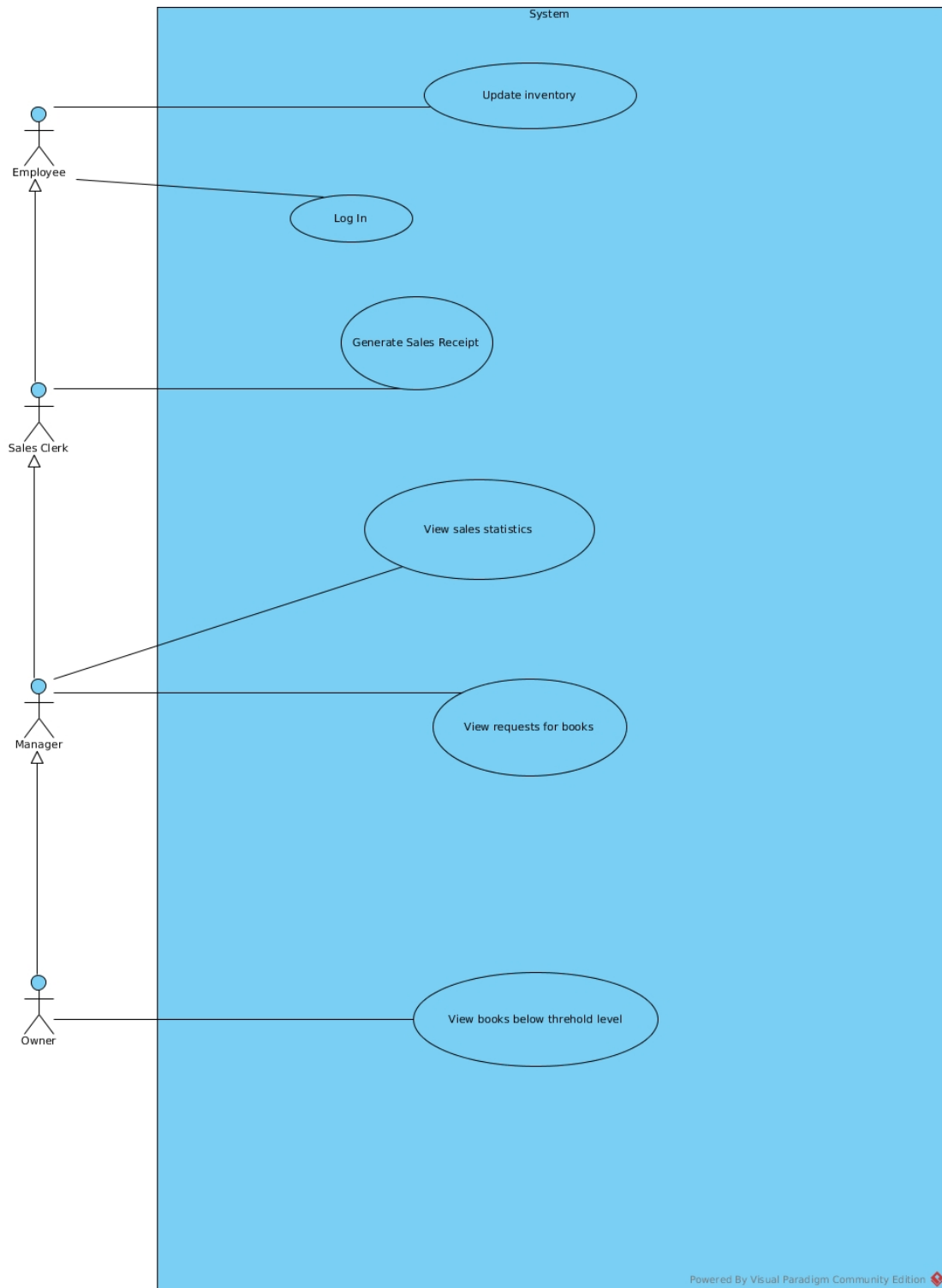


Figure 1.2: Employee related use cases.

1.2 Class Diagram

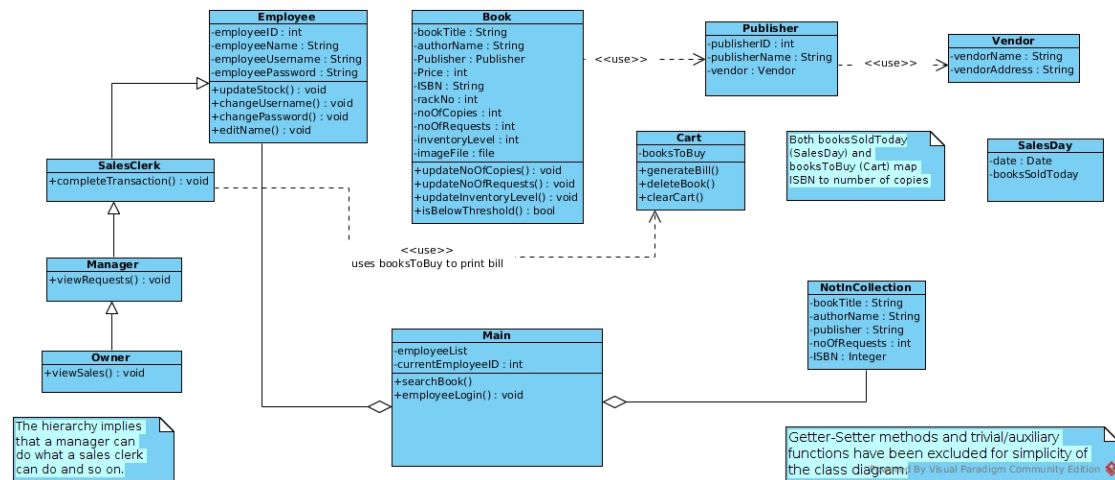


Figure 1.3: Class Diagram.

1.3 Sequence Diagrams

1.3.1 Book query and transactions

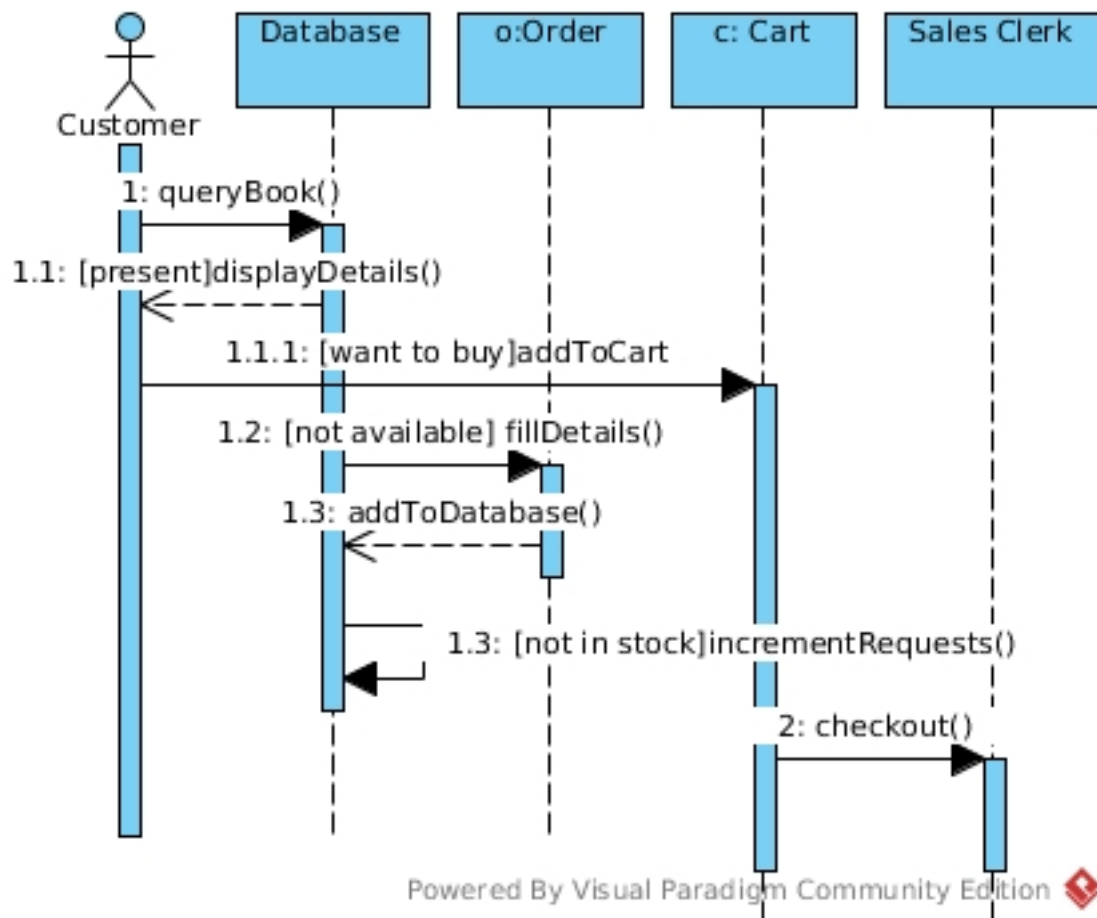


Figure 1.4: Book related transactions.

1.3.2 Generate receipt

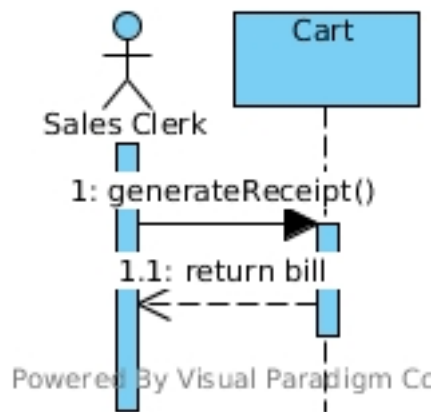


Figure 1.5: Sequence for generating receipt.

1.3.3 Procurement of books

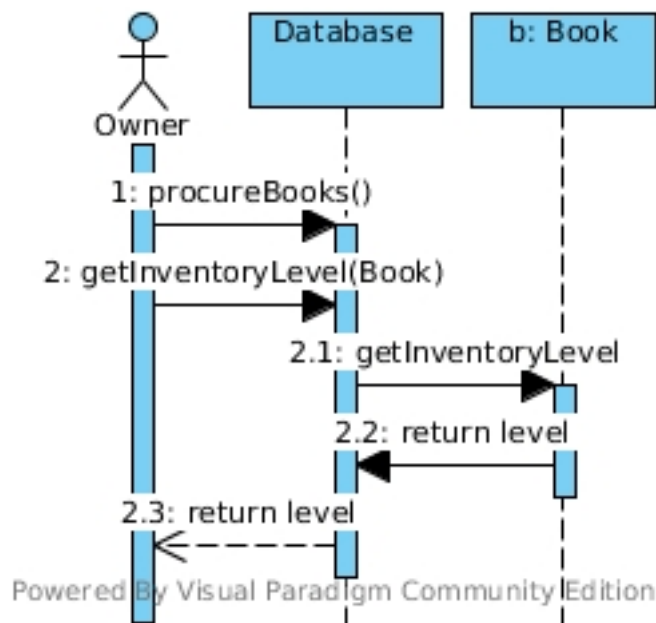


Figure 1.6: Sequence for procuring the book.

1.3.4 Update inventory

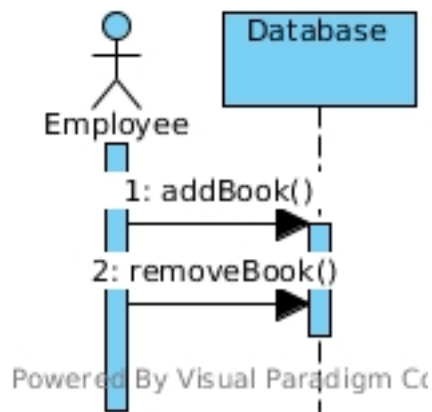


Figure 1.7: Sequence for updating the inventory.

1.3.5 View requests

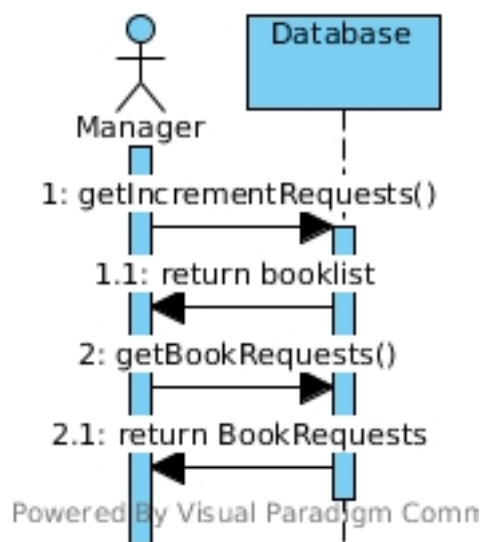
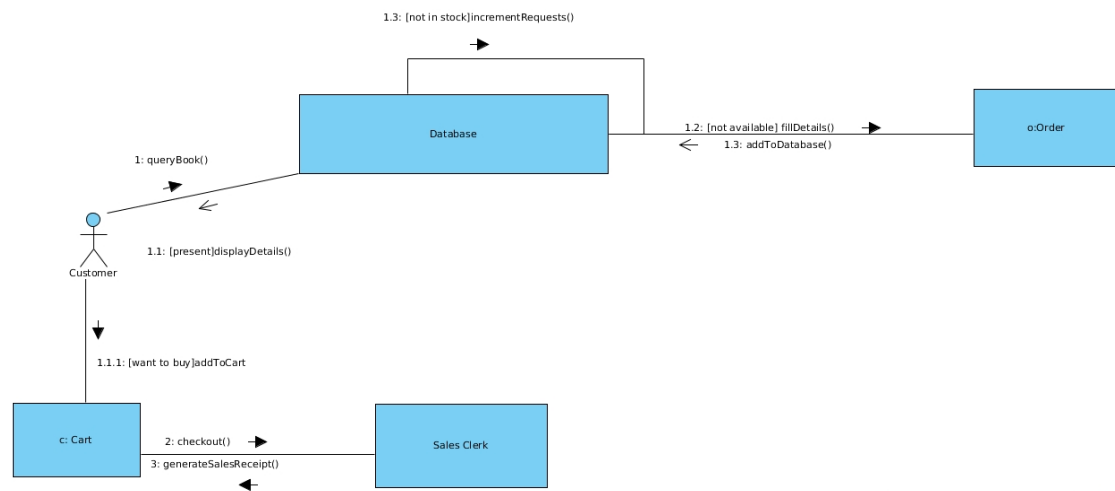


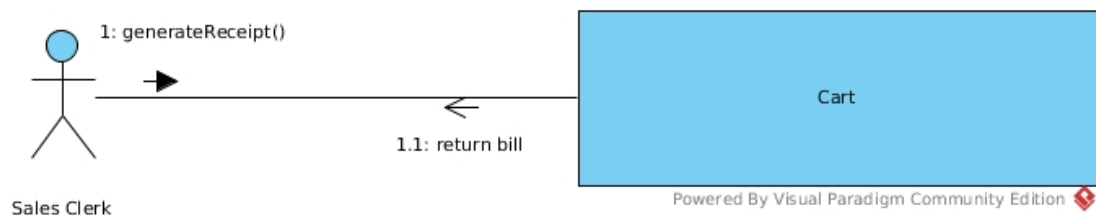
Figure 1.8: Sequence for viewing requests.

1.4 Communication Diagrams

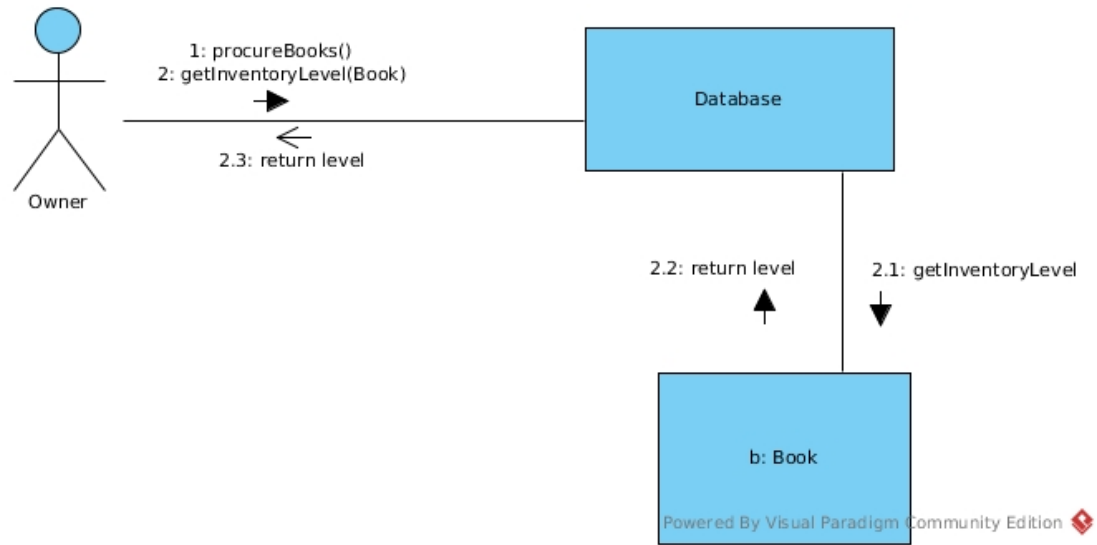
1.4.1 Book query and transactions



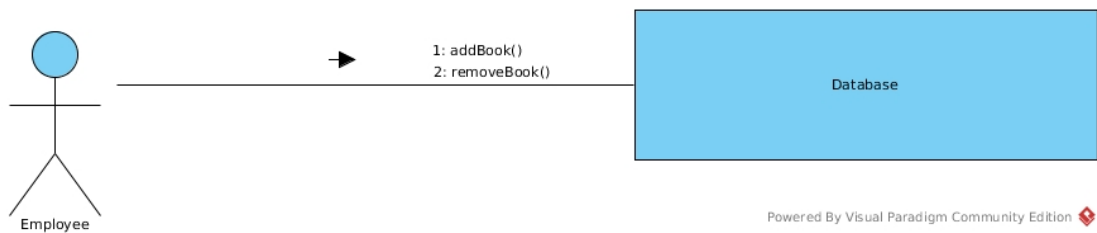
1.4.2 Generate receipt



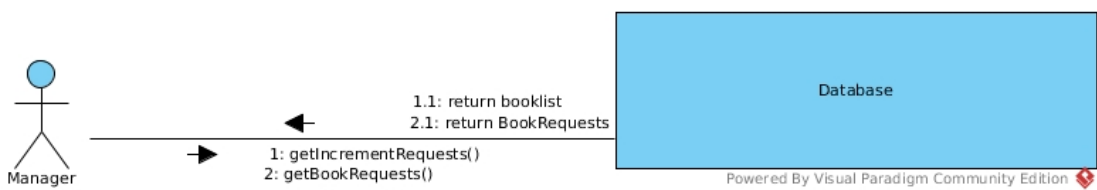
1.4.3 Procure books



1.4.4 Update inventory

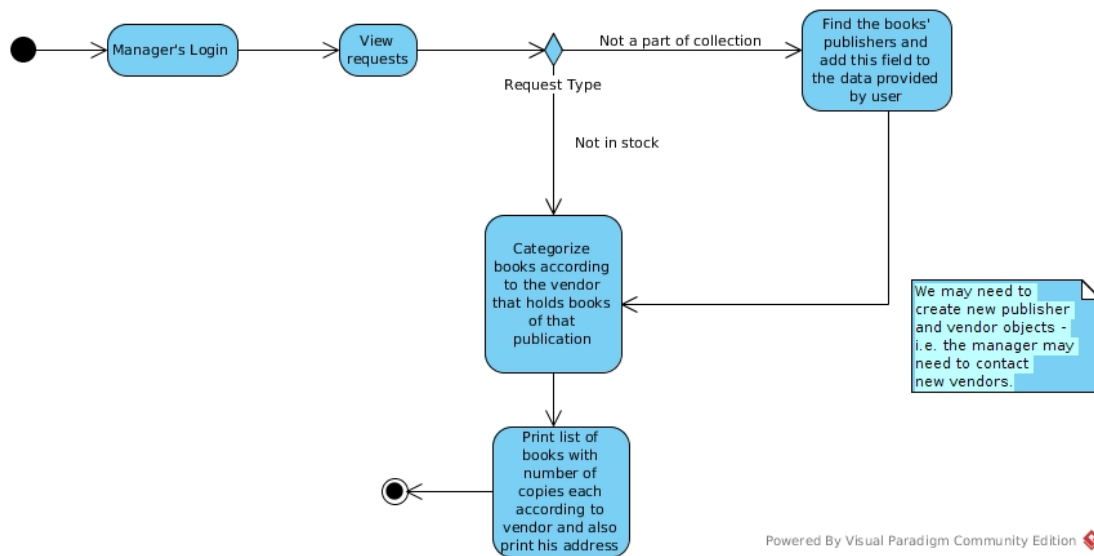


1.4.5 View requests

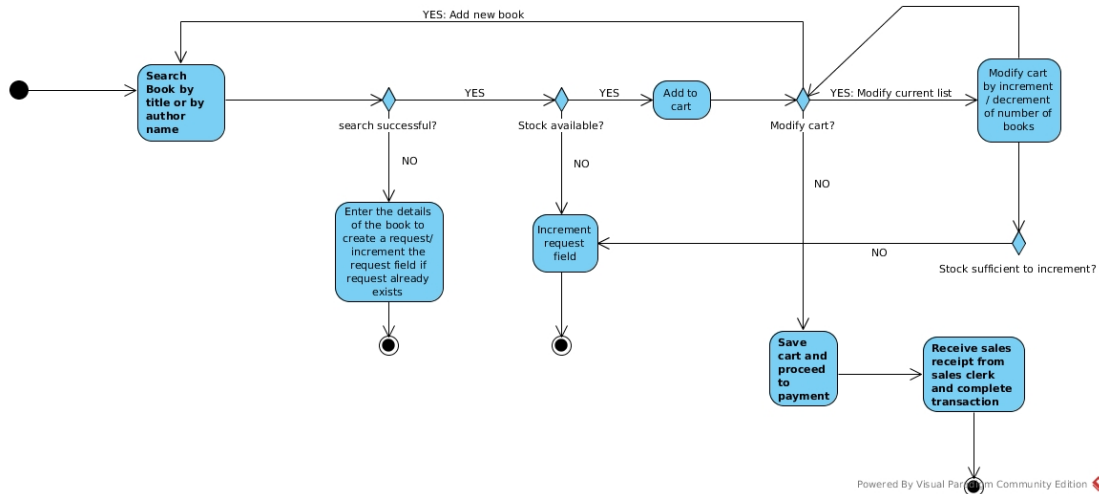


1.5 Activity Diagrams

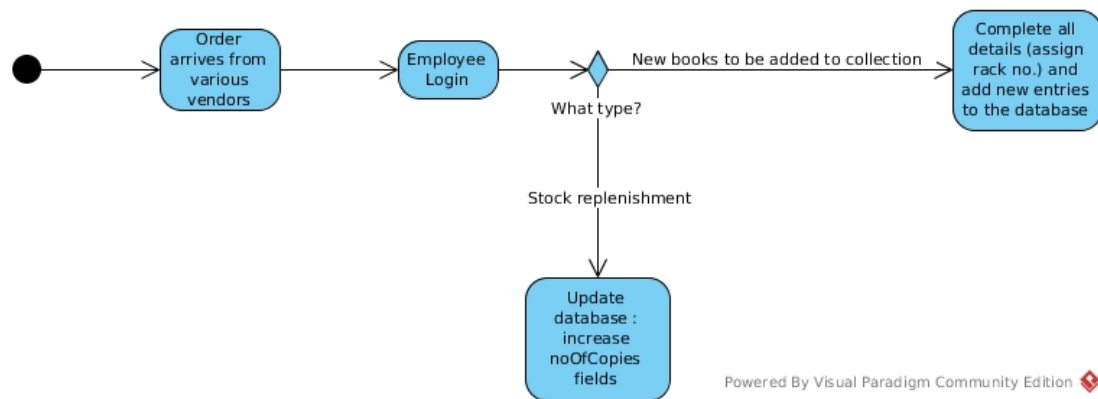
1.5.1 Manager's activity



1.5.2 Book query

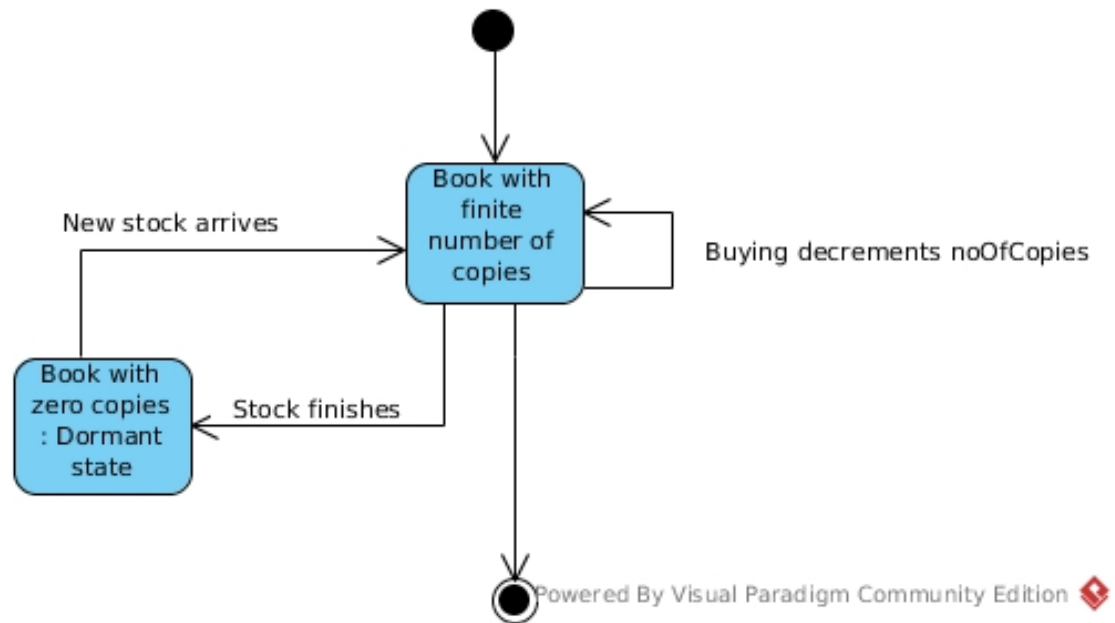


1.5.3 Stock arrival

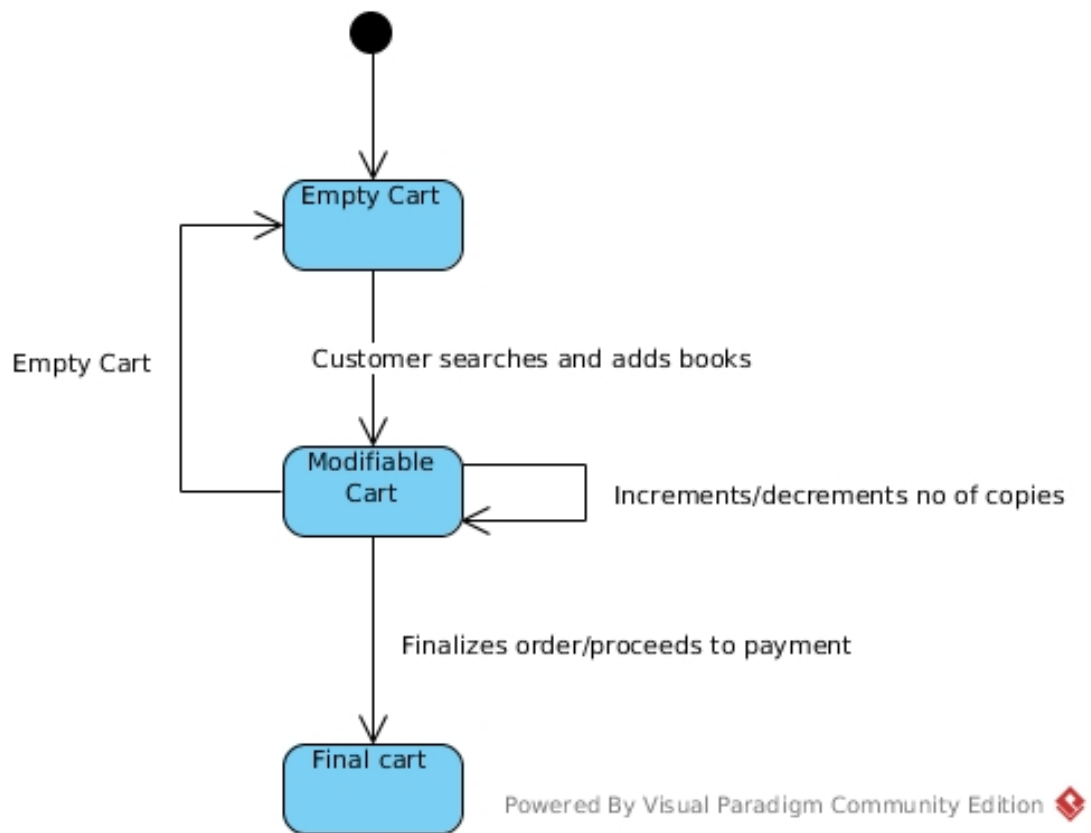


1.6 State diagrams

1.6.1 Book



1.6.2 Cart



1.6.3 Order

