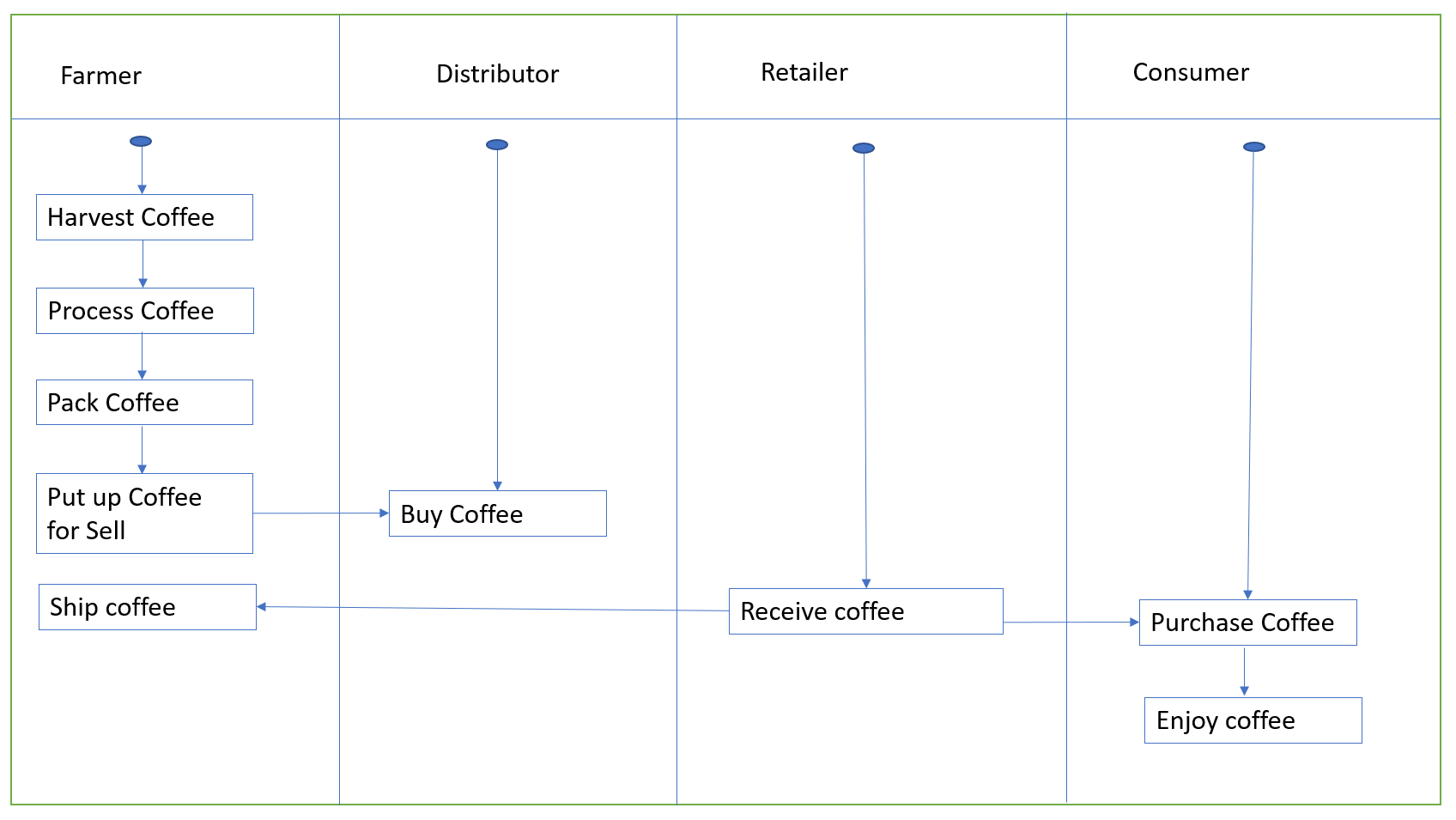
**UML Diagrams**

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**Activity Diagram**

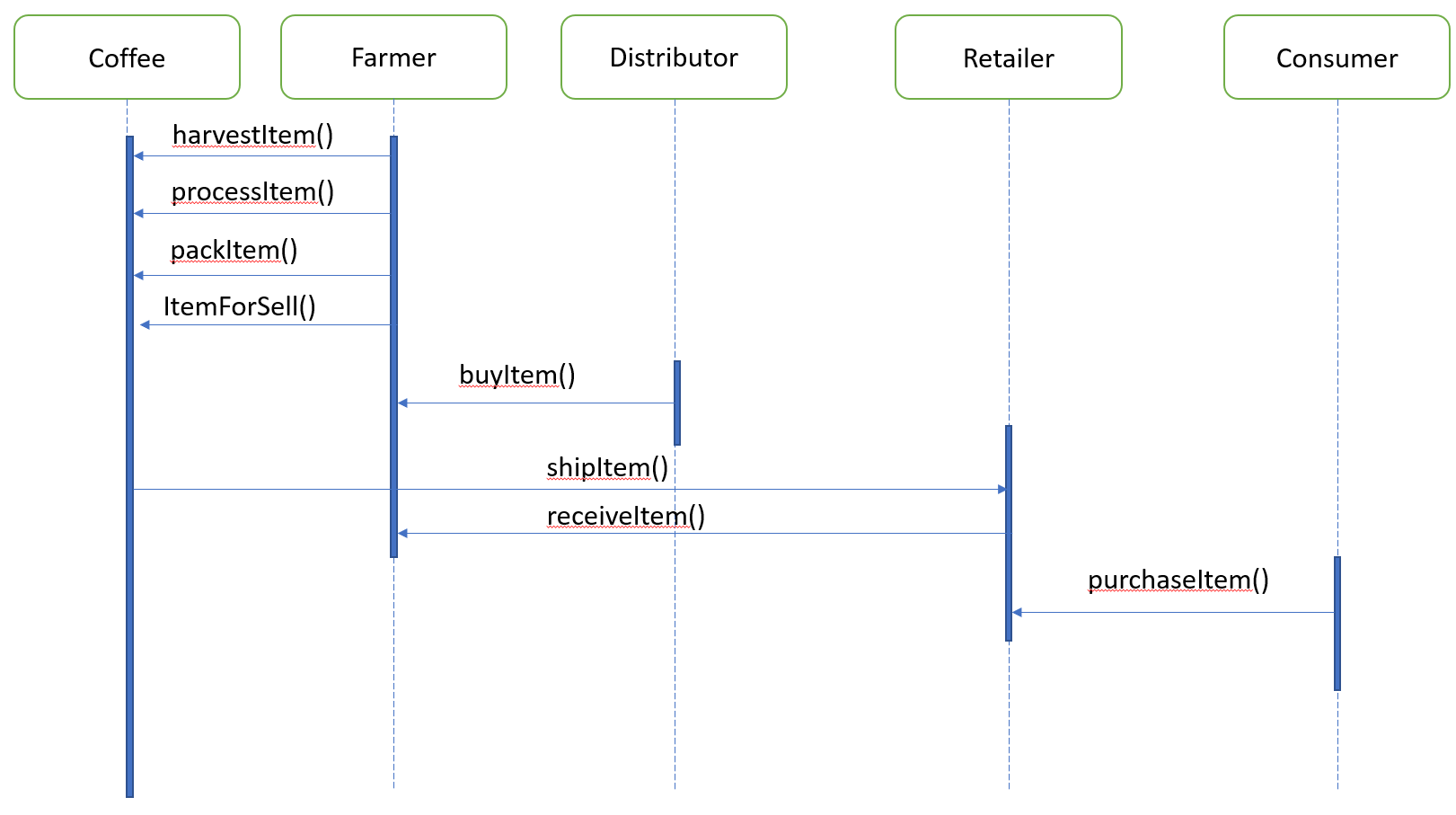
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**Sequence Diagram**

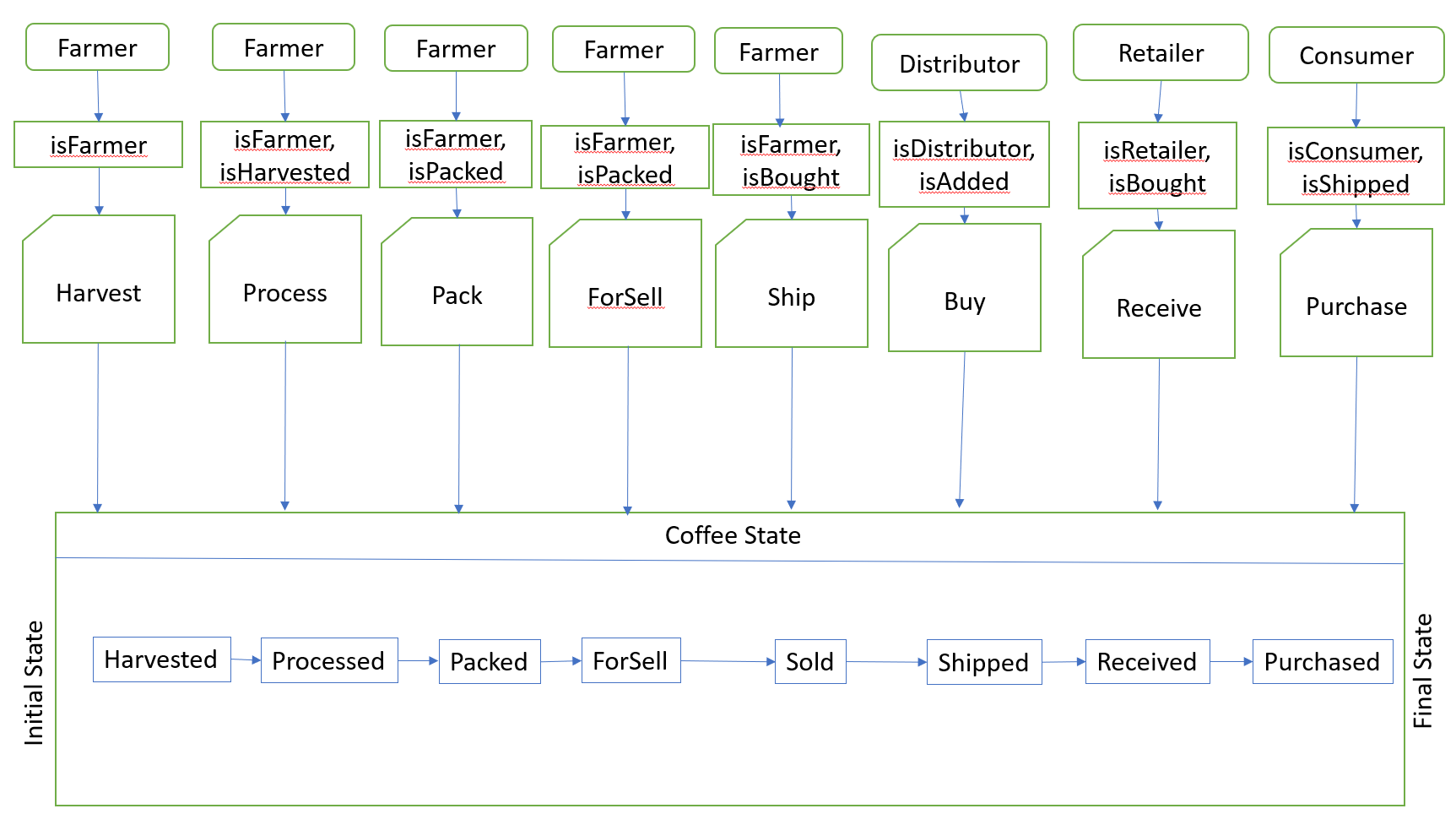
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State Diagram

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Class (Data Model) Diagram

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