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**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**School of Computer Science**

**Object Oriented Analysis & Design**  
**Experiment 2**  
**(Kirana Store(offline))**

**Submitted By:**

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**AIML B3**

**Submitted To:**

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**Asst. Professor**

**SOCS**

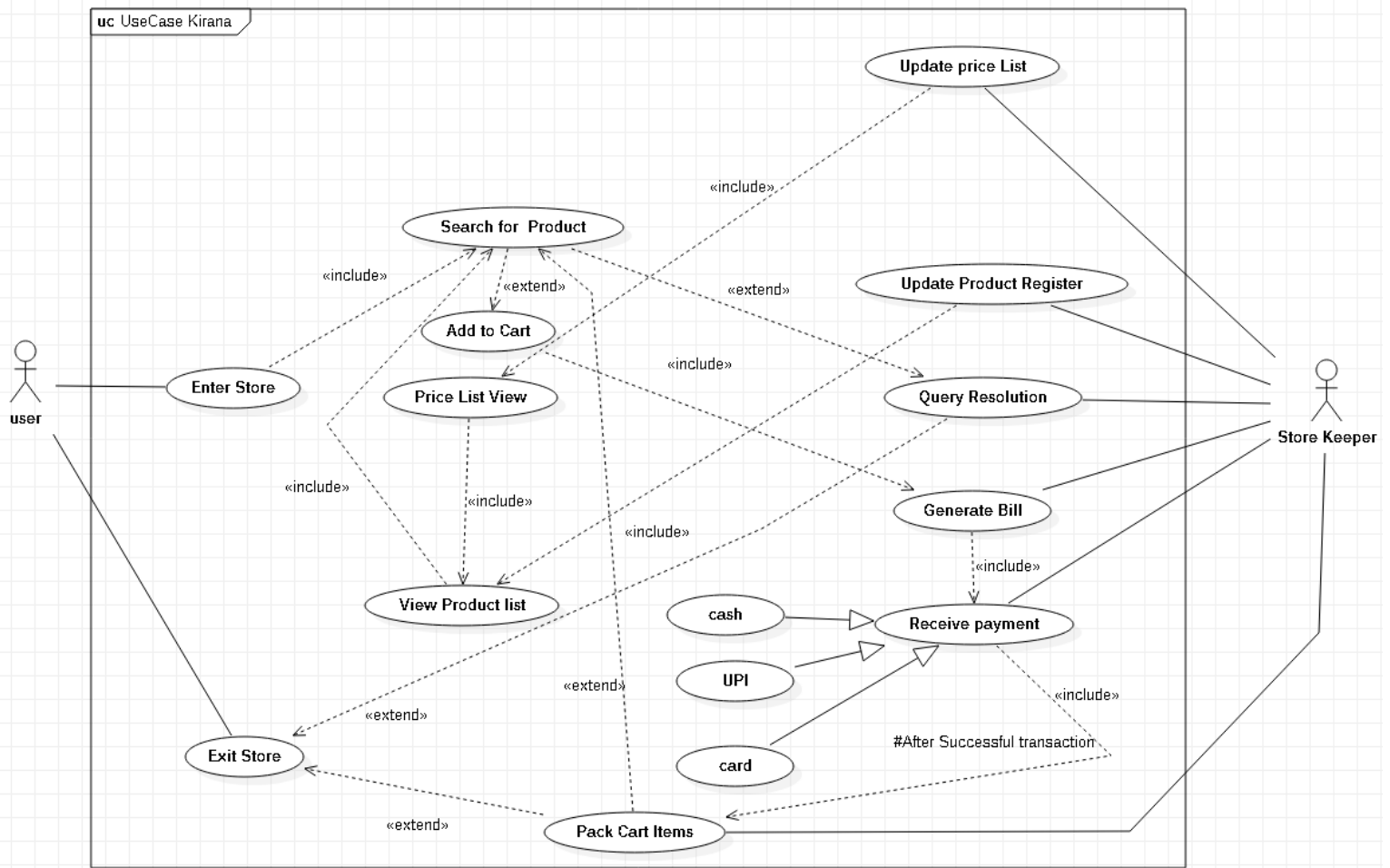
**UPES**

## Assignment Content

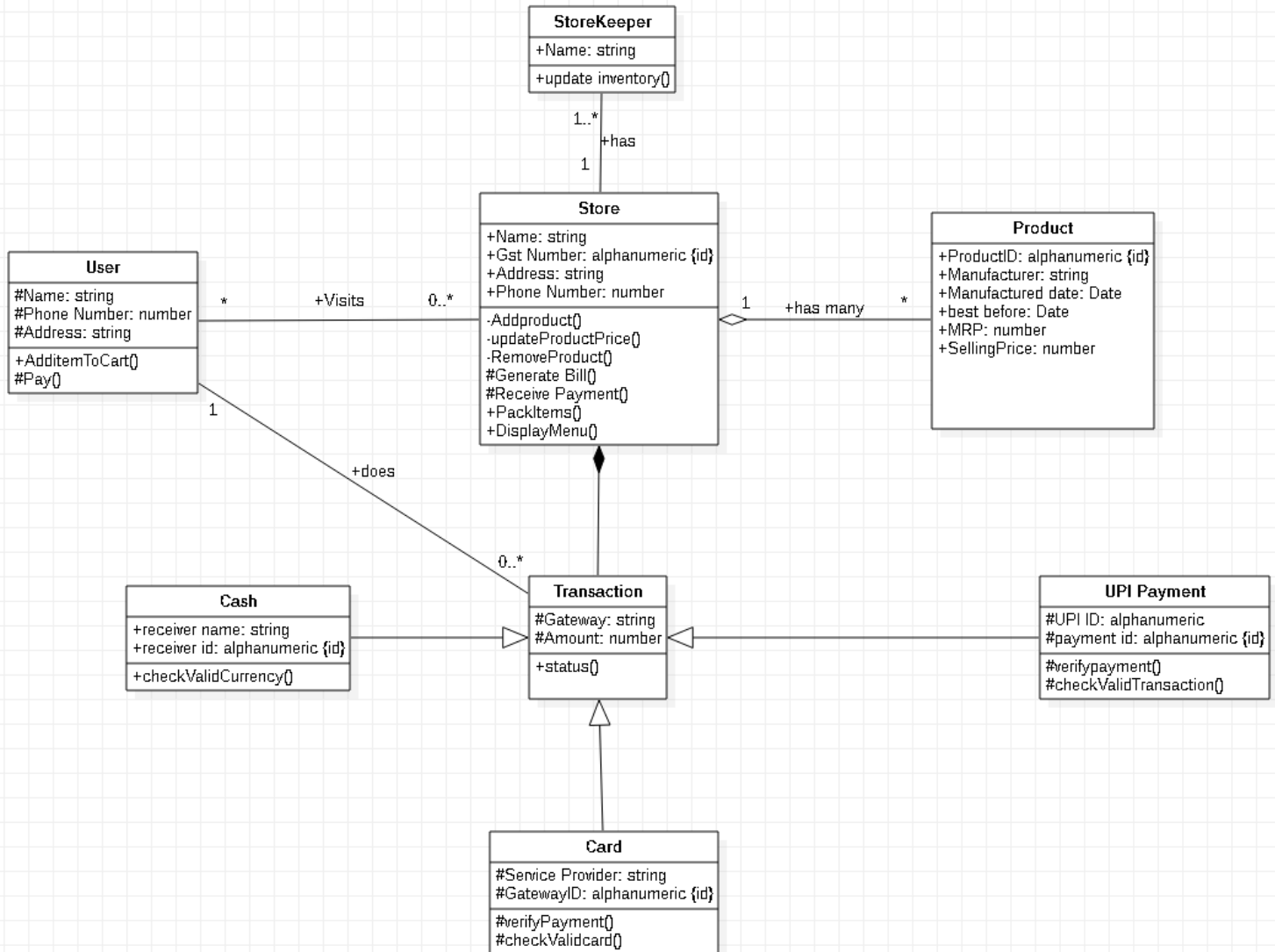
### Experiment-2

1. Consider any given case study and identify different entities and relationships among them.
2. Provide the examples of generalization, aggregation and realization.

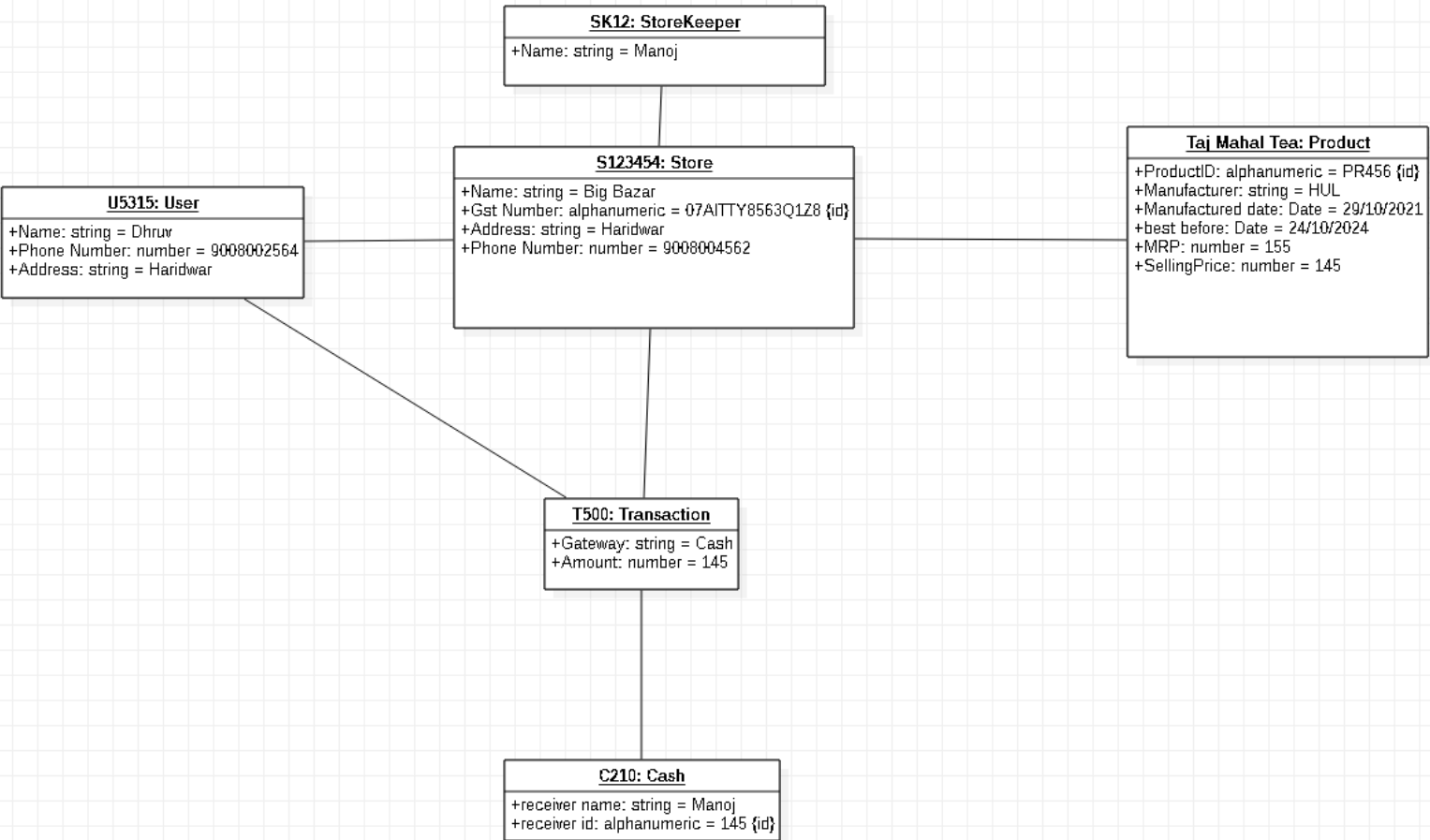
1: USE CASE:



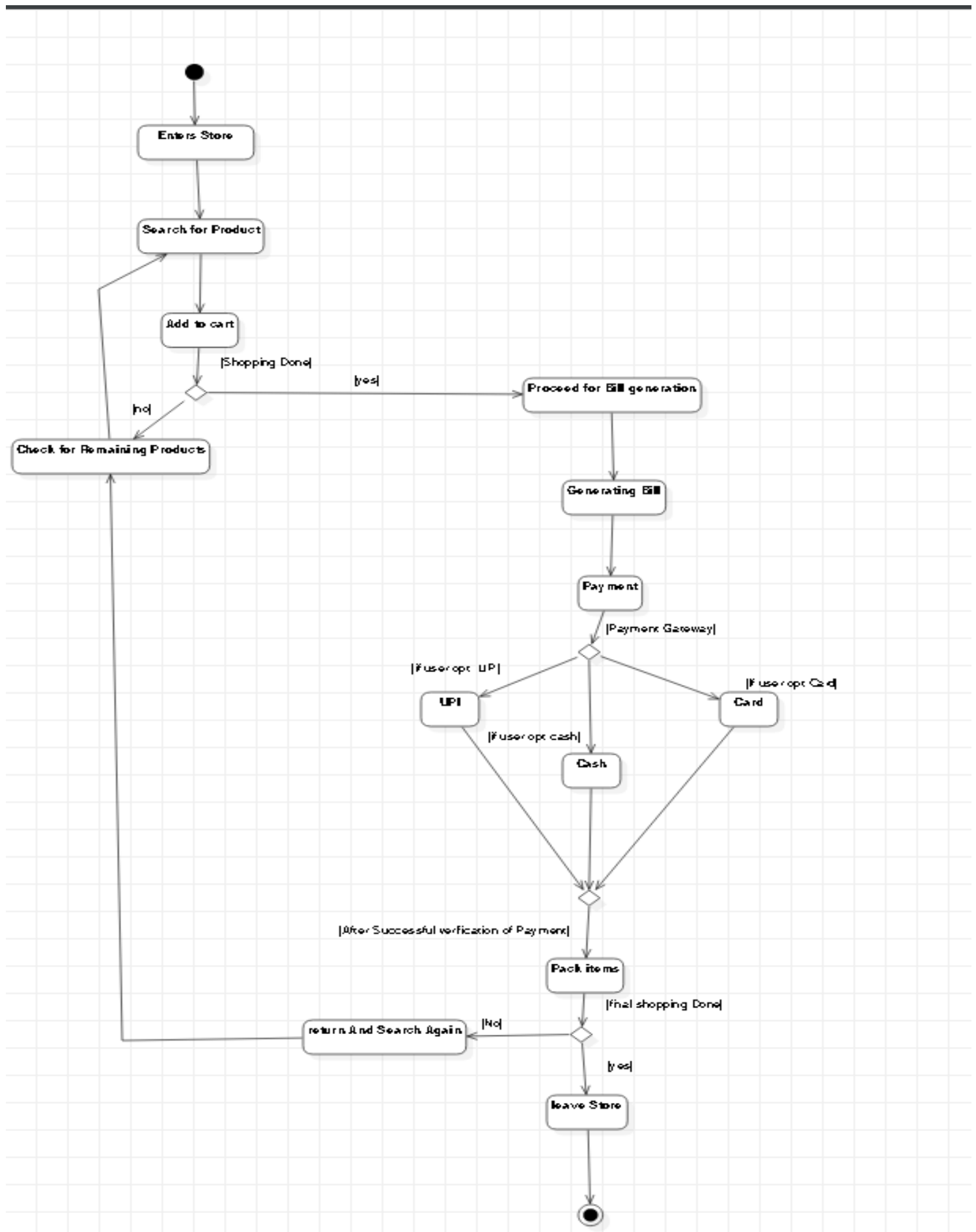
## 2: Class Diagram:



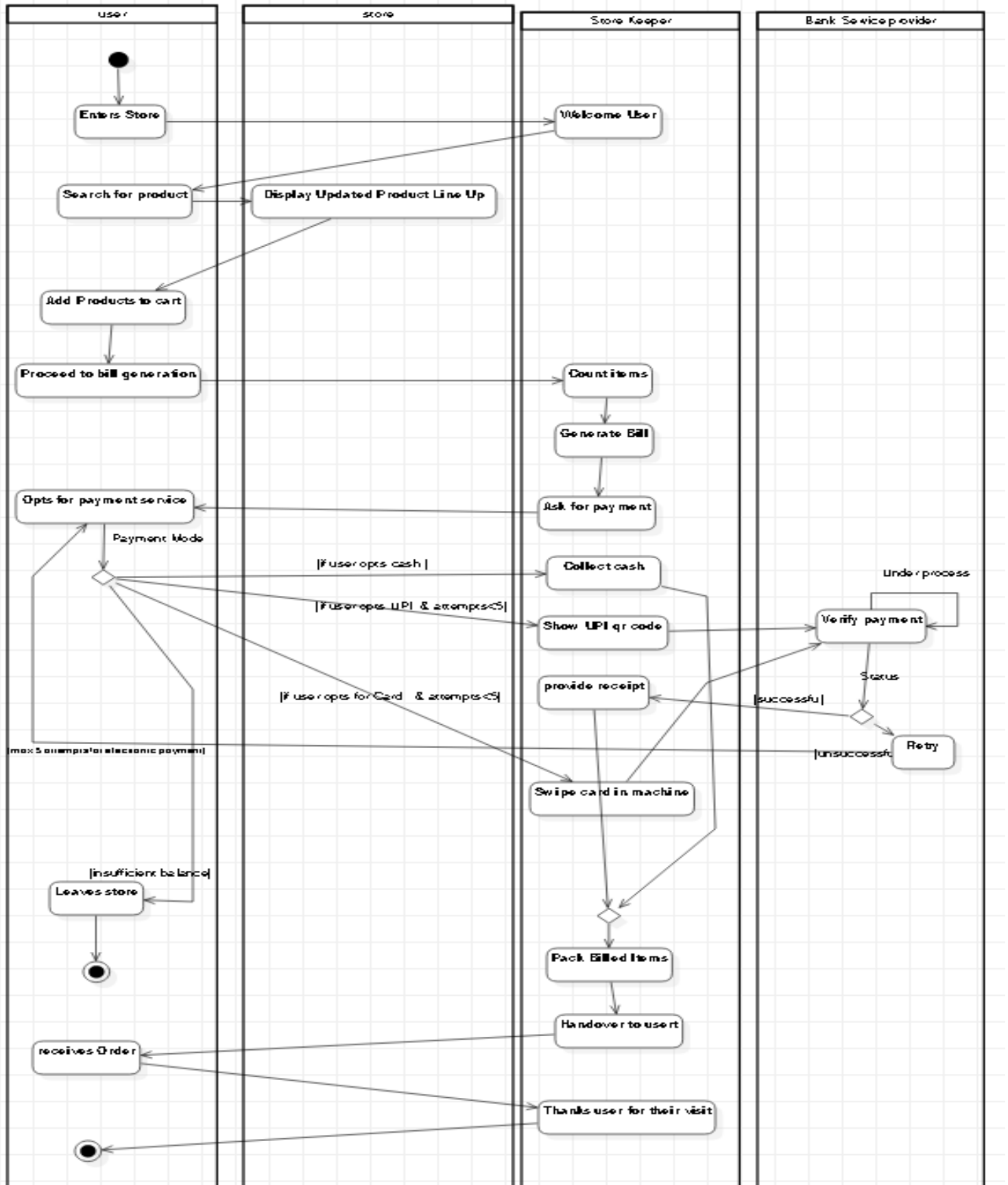
## 3: Object Diagram:



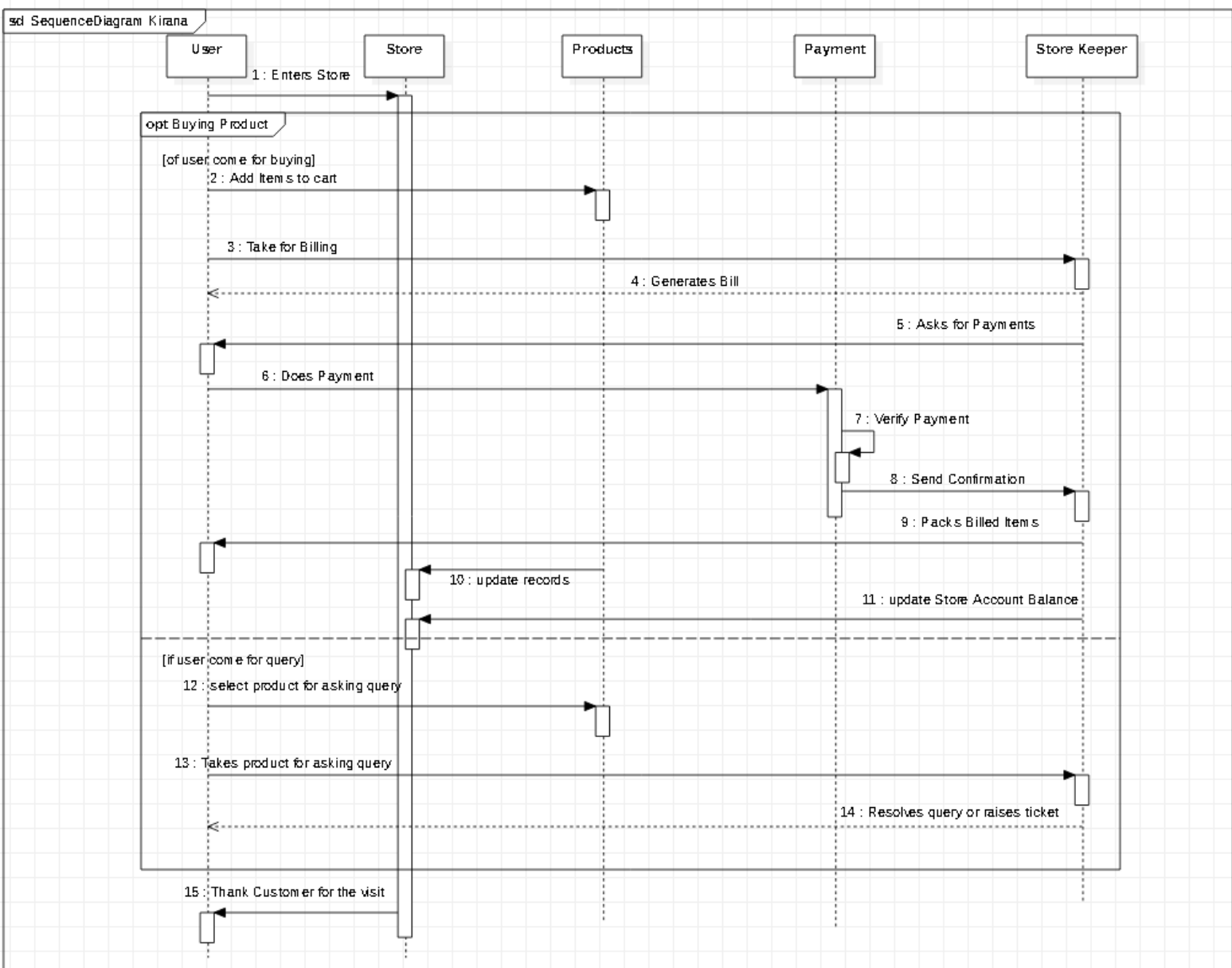
#### 4:Activity Diagram:



## 5: Swimlane Diagram:

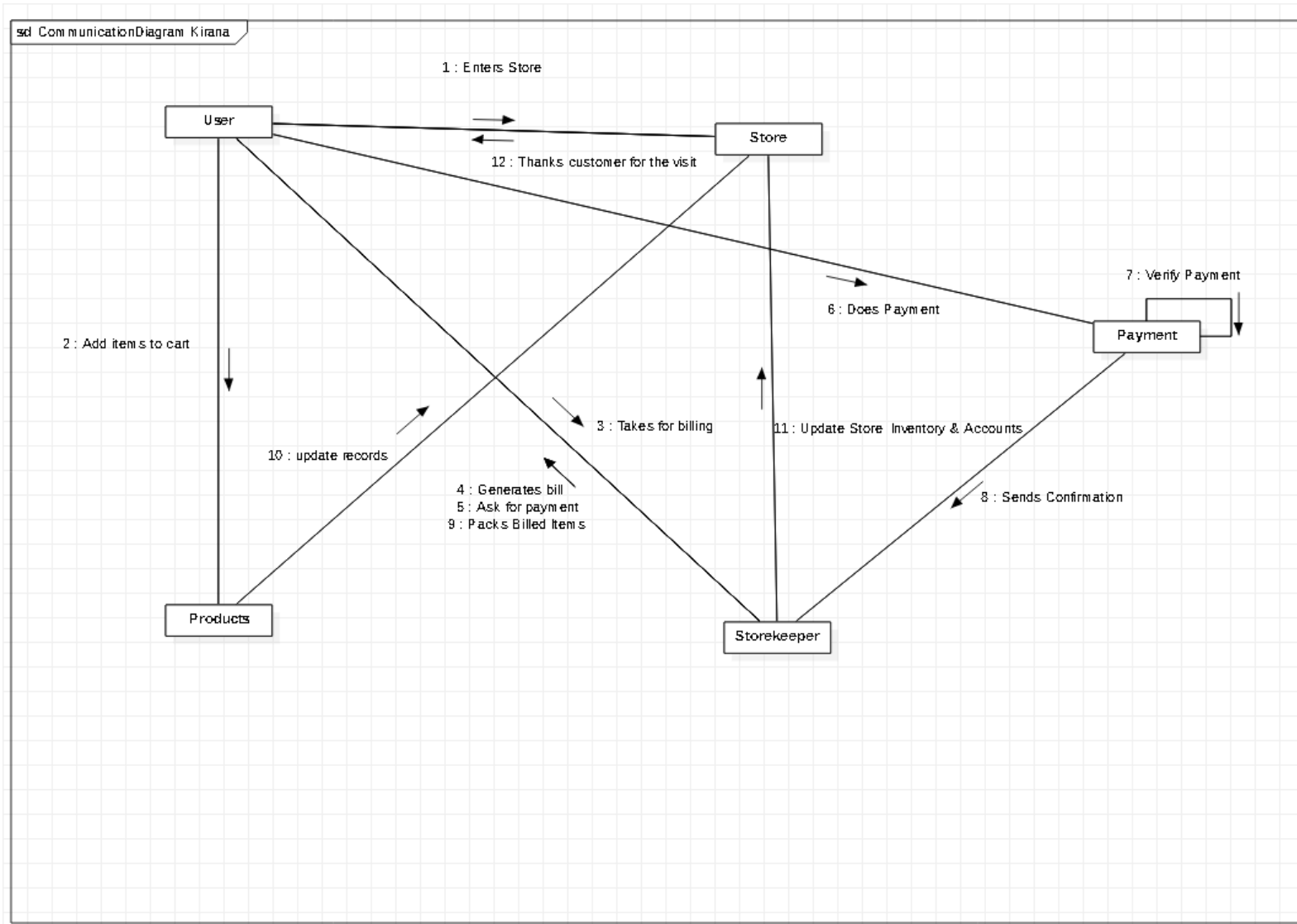


## 6: Sequence Diagram:

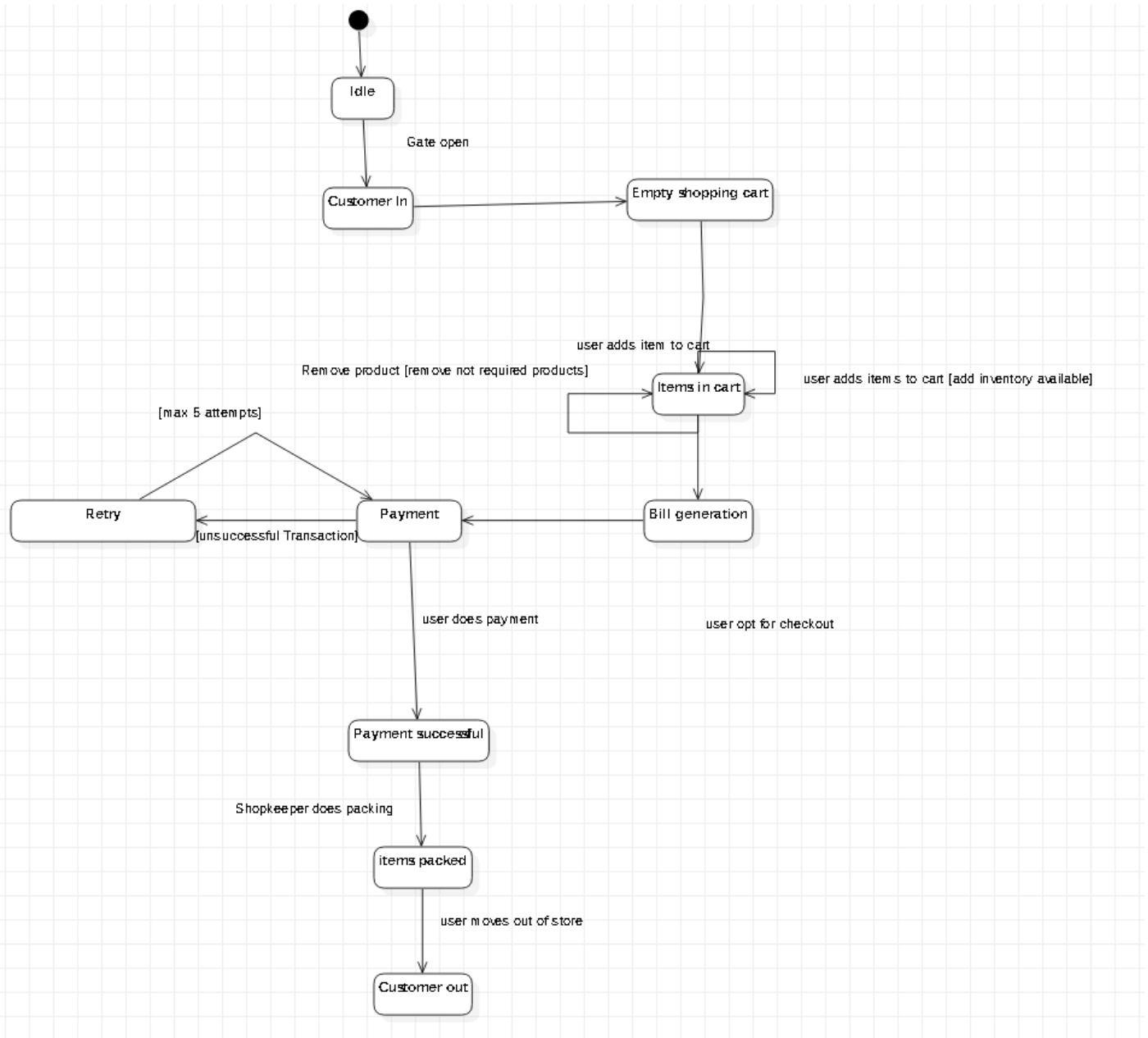




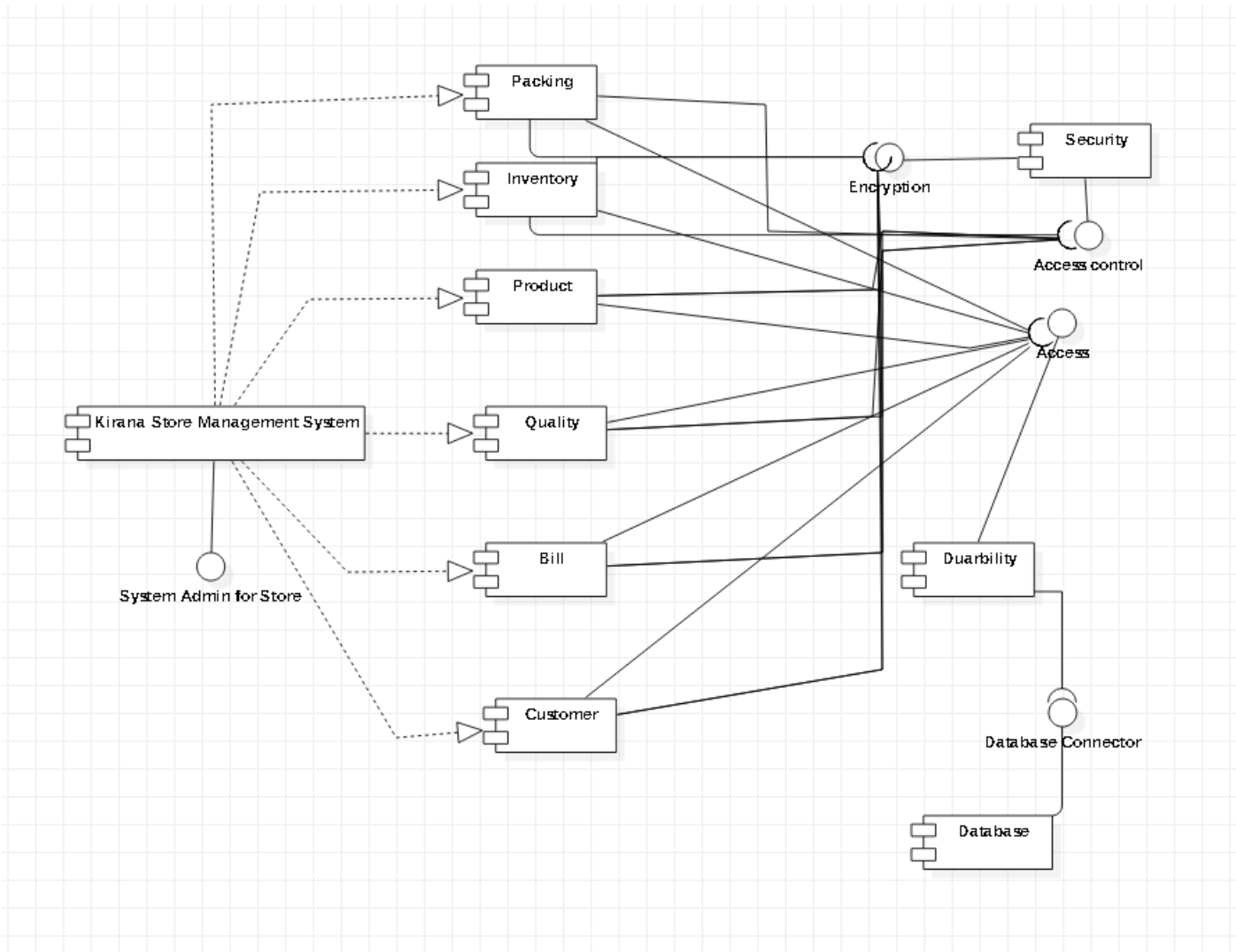
## 7: Collaboration Diagram:



## 8: State Chart Diagram:



9: a: Collaboration Diagram:



b: Deployment Diagram:

