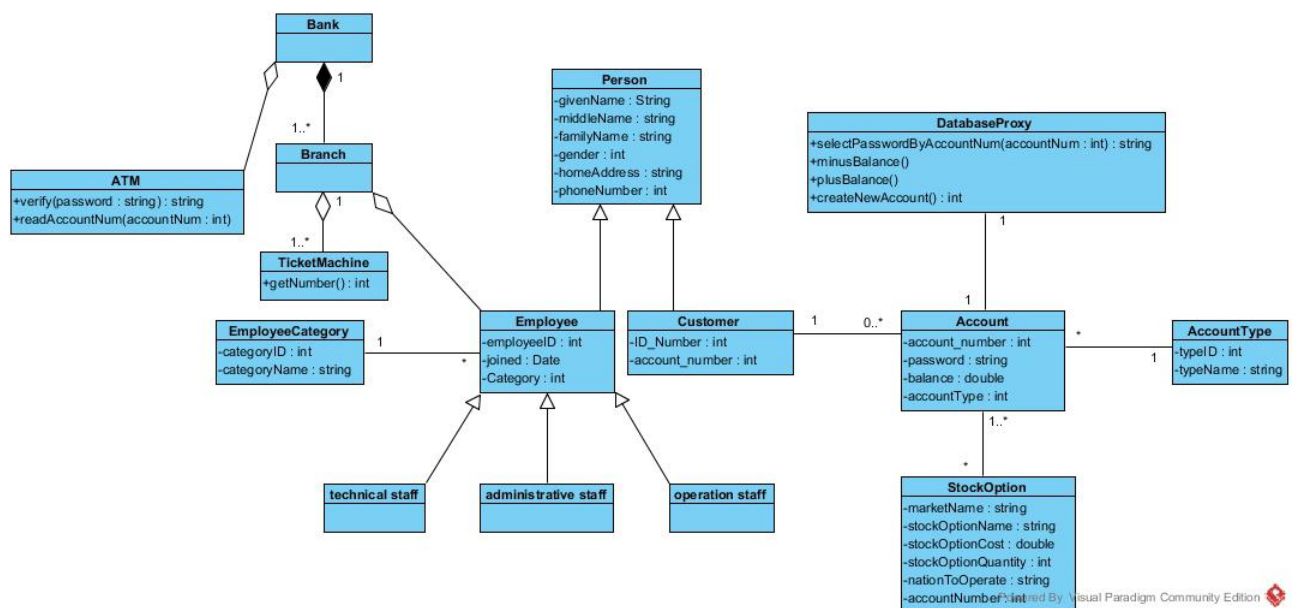


Implementation Schema

Visual Paradigm is a UML modeling tool, which design for the following personnel : including software engineers, systems analysts, business analysts, architects, etc. It mainly provide reliable modeling and analysis tool for OO systems .The VP support the latest standards Java and UML diagrams.In addition , the VP can integration and other tools, including Eclipse/IBM WebSphere, etc.

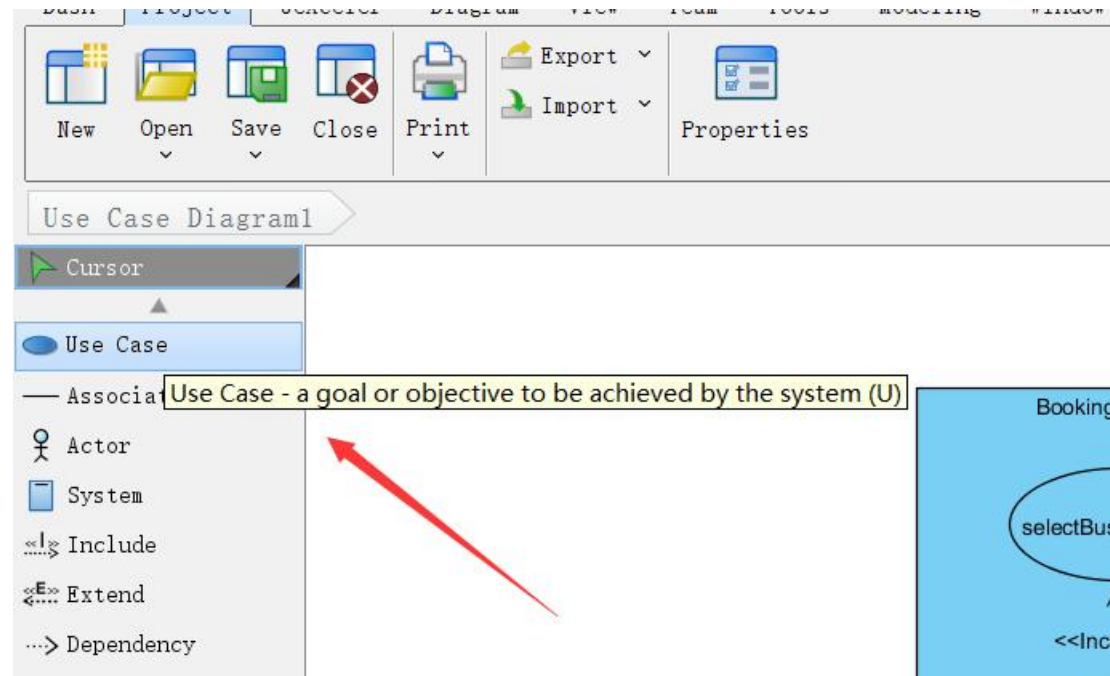


Class Diagram

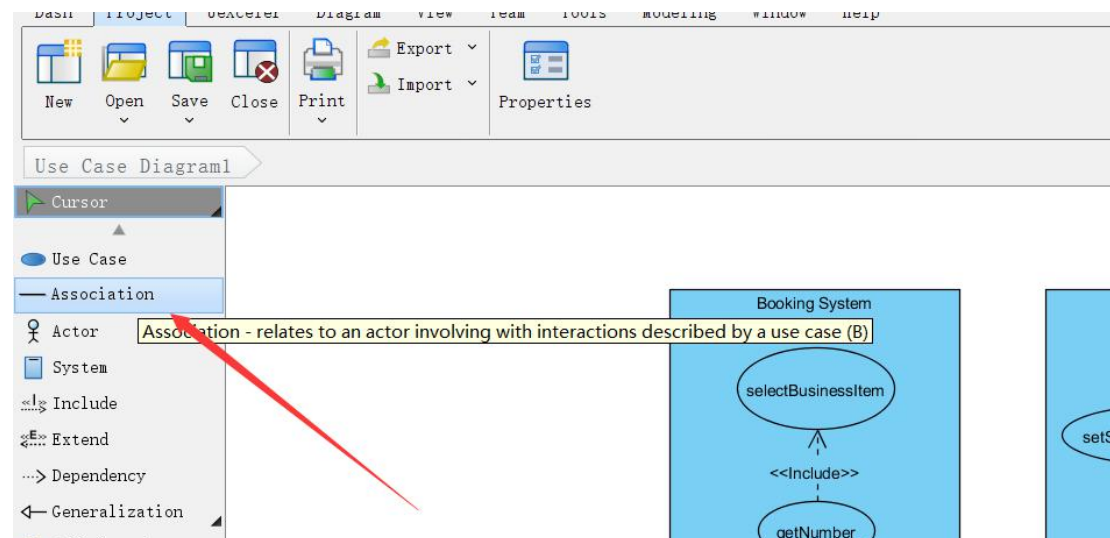
A Bank system which consist of Branch and ATM(both are more than one).For the Branch,we have TicketMachine and Employee which has three category:technical staff,administrative staff,operation staff(all corresponding more than one).Employee and Customer are all belong to Class Person.Each customer may have at least an account.The account belongs to DataBaseProxy and may have 0 or more StockOption.

Tools used during the development

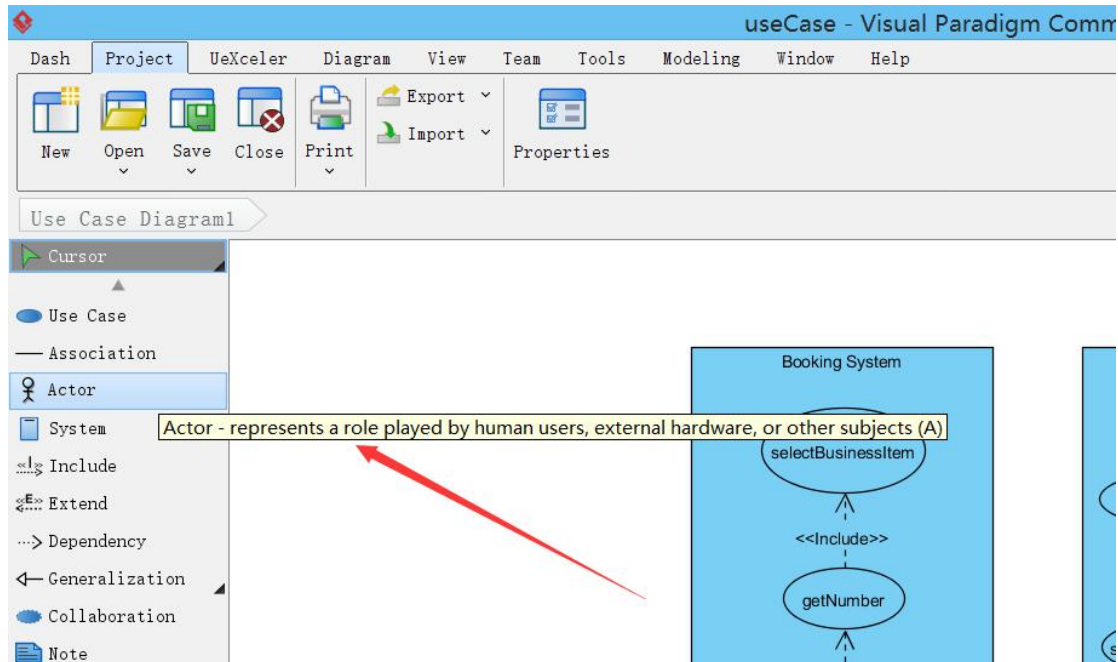
1. Use Case - a goal or objective to be achieved by the system



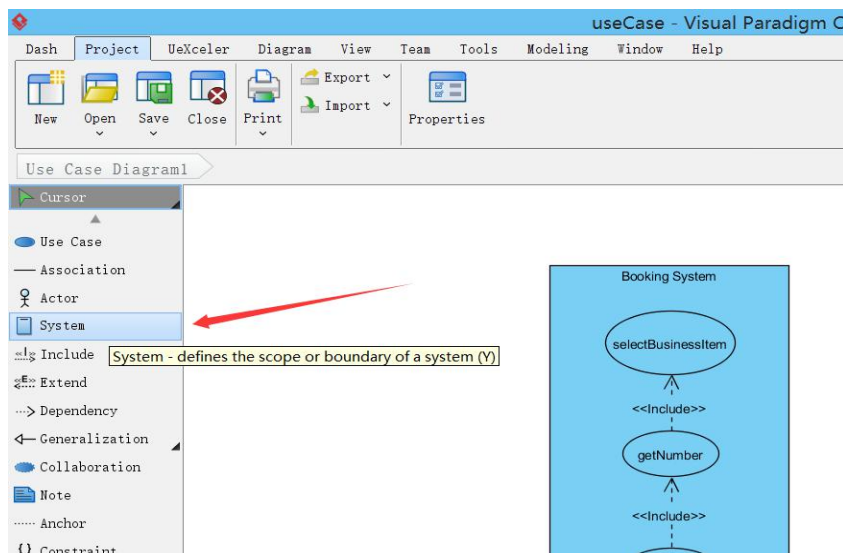
2. Association - relates to an actor involving with interactions described by a use case



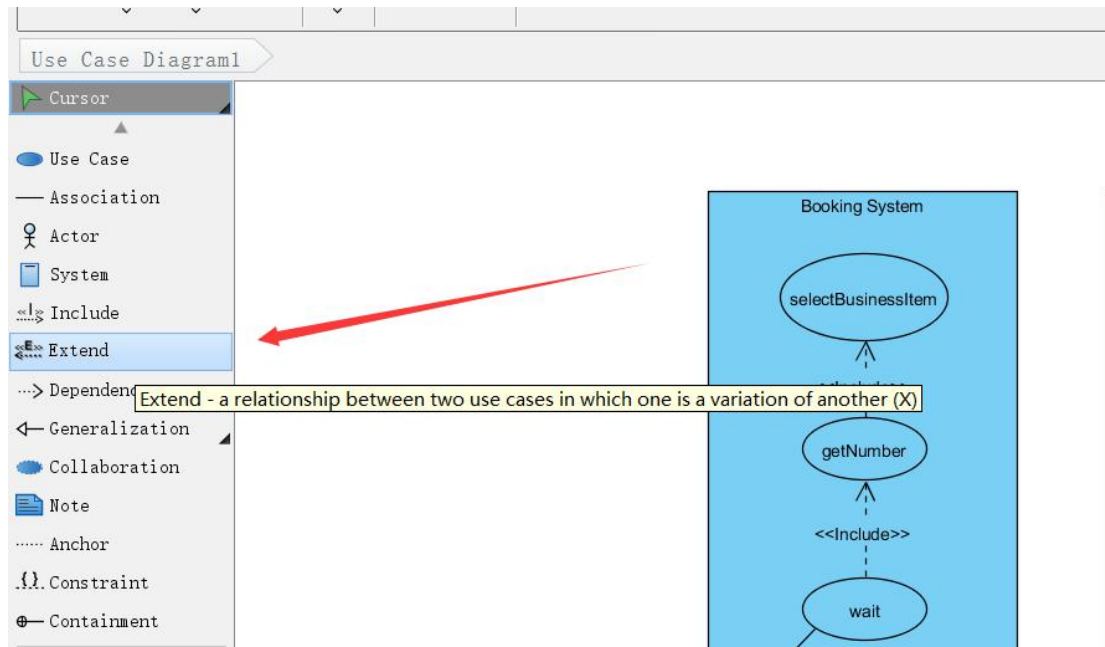
3. Actor - represents a role played by human users, external hardware, or other subjects



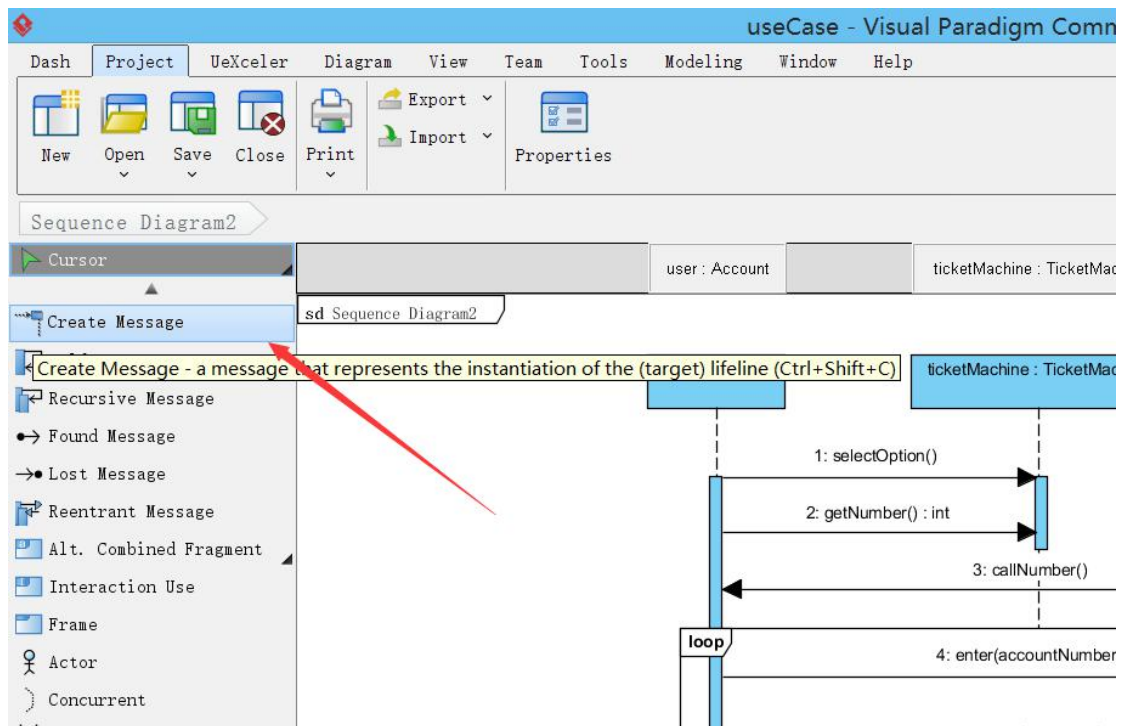
4. System - defines the scope or boundary of a system



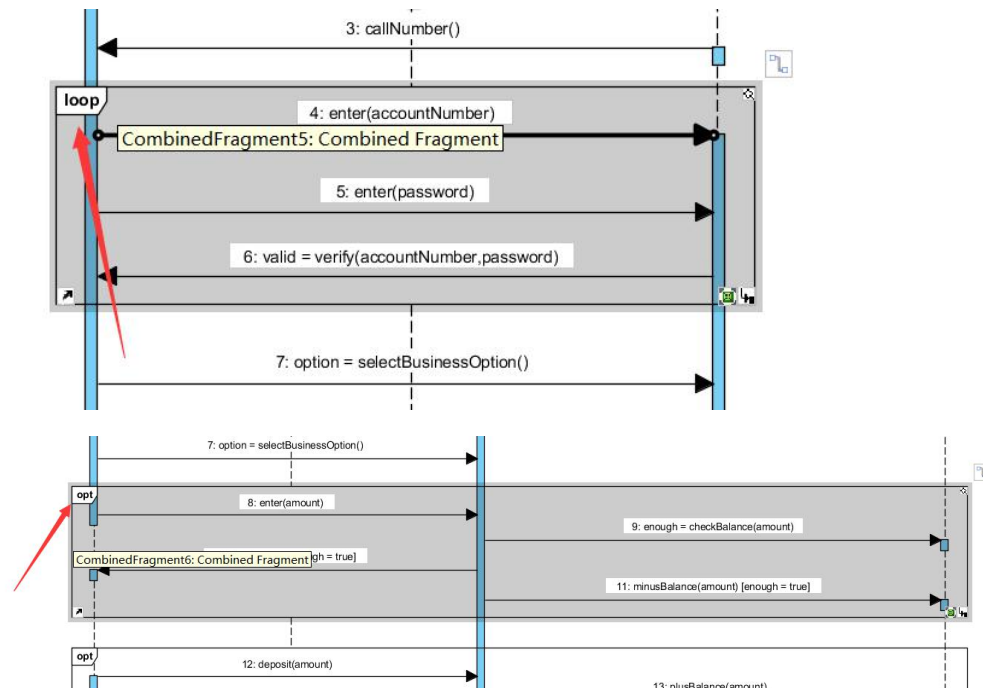
5. Extend - a relationship between two use cases in which one is a variation of another



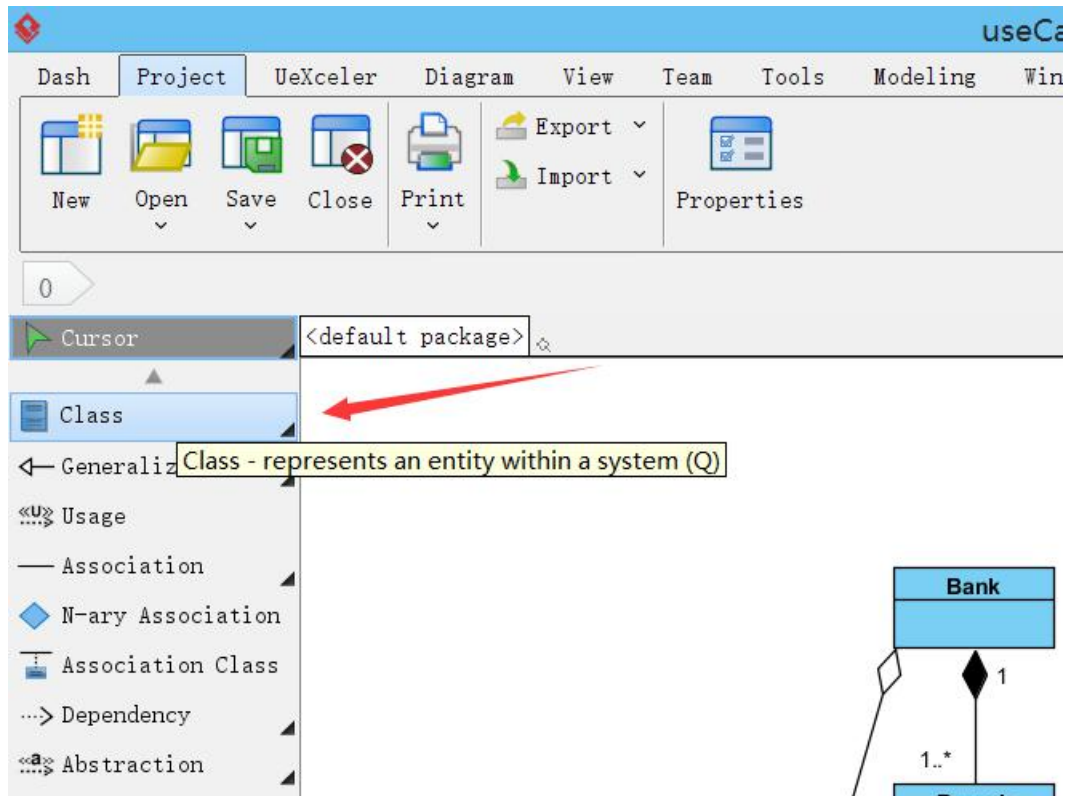
6. Create Message - a message that represents the instantiation of the(target) lifeline



7. LifeLine - represents a role or object instance that participates in the interactions modeled



8. Class- represents an entity within a system



9.Generalization- represents an entity within a system

