

REQUIREMENTS MODELLING

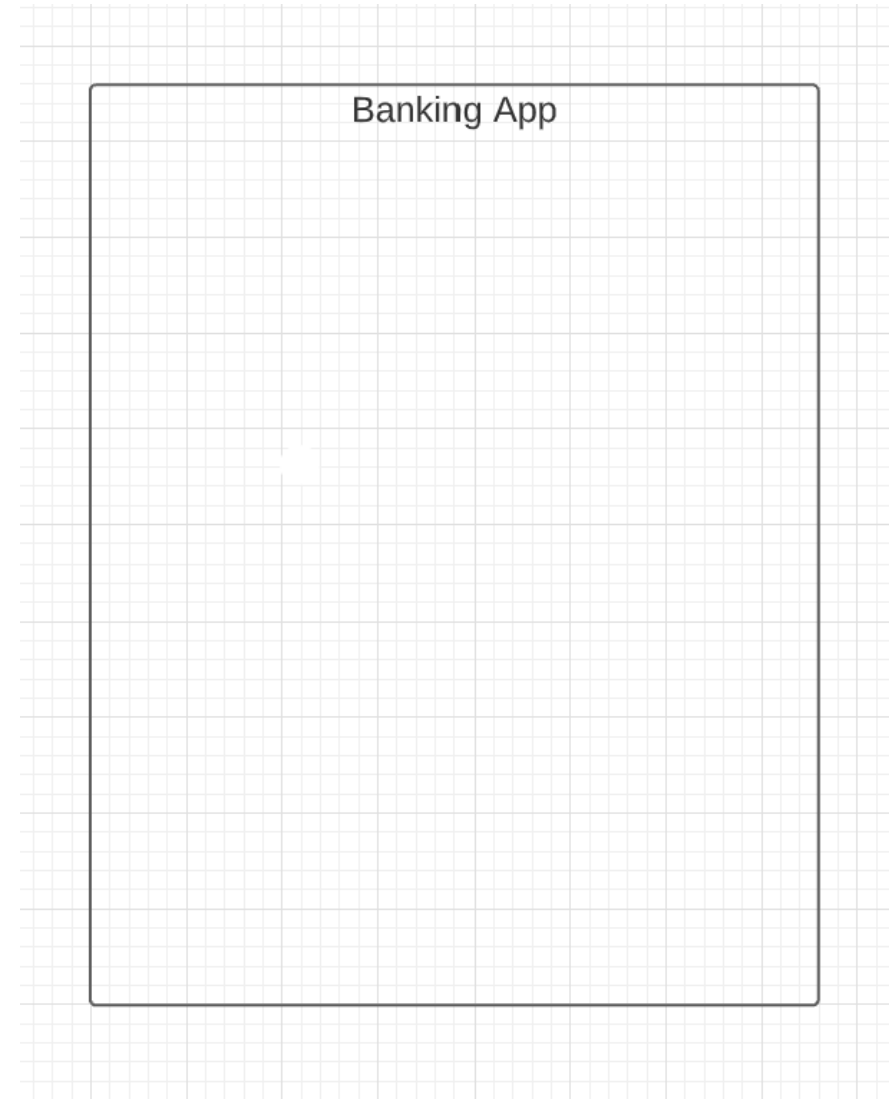


Different elements of a use case diagram

- Systems
- Actors
- Use Cases
- Relationships

Systems

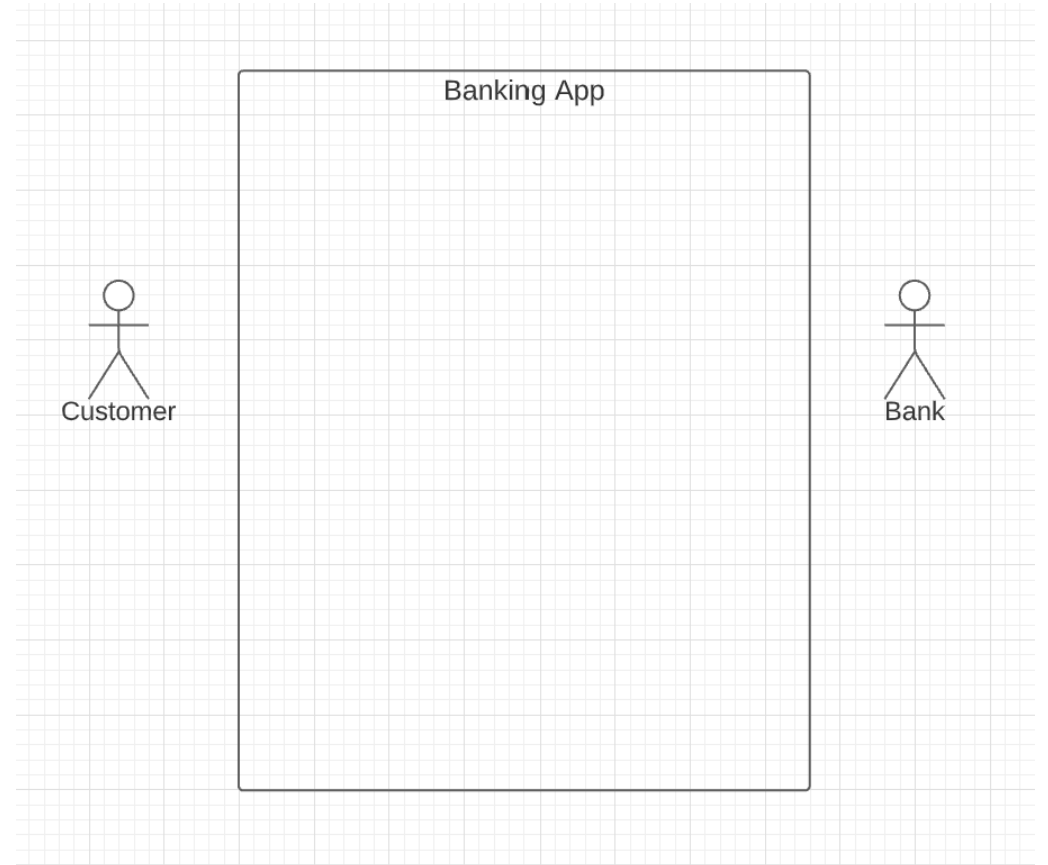
- Website
- Software component
- Business process
- Application
- ...



Example [1]

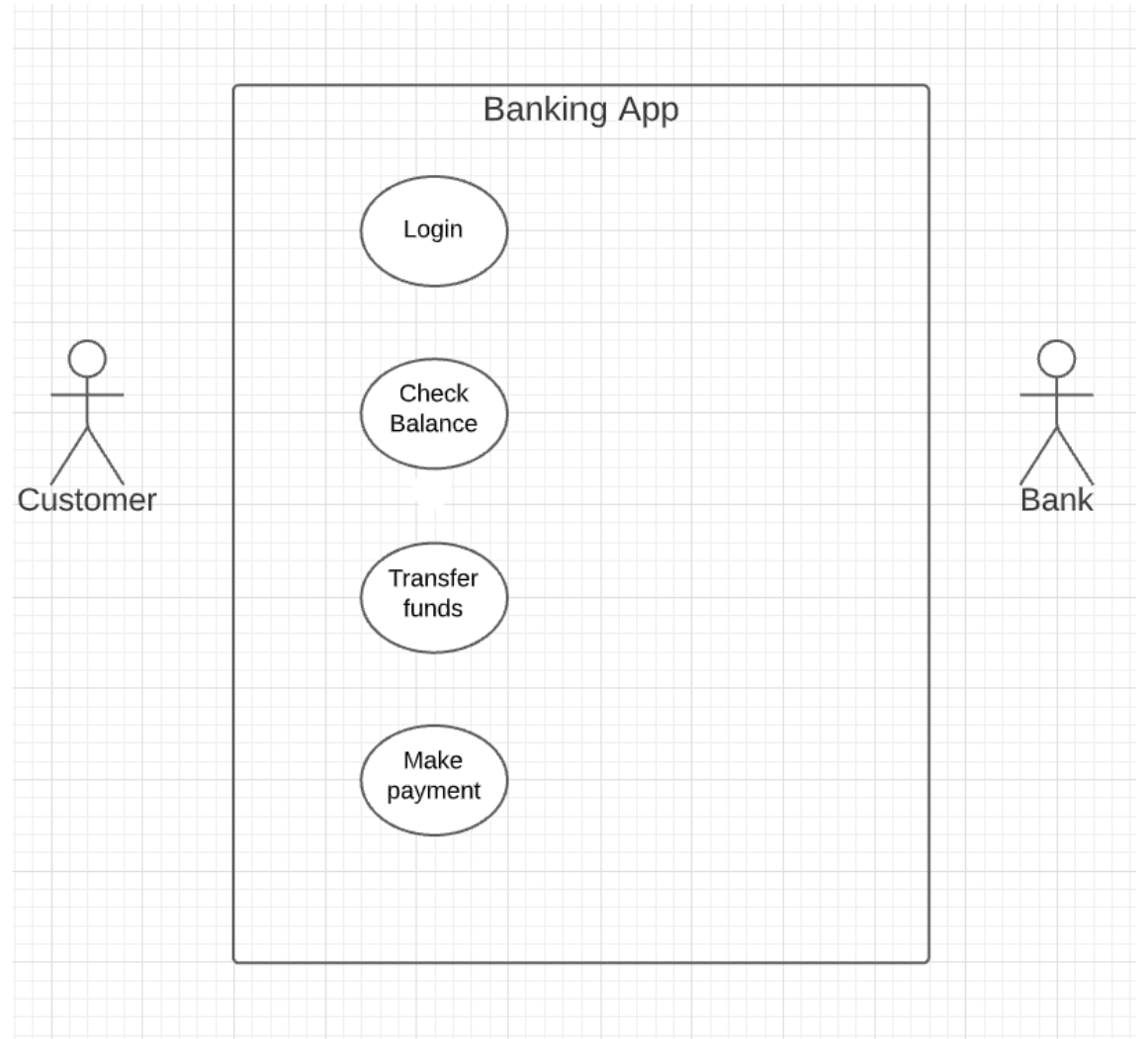
Actors

The users that interact with a system.
An actor can be a person, an organization, or an outside system that interacts with your application or system. They must be external objects that produce or consume data.



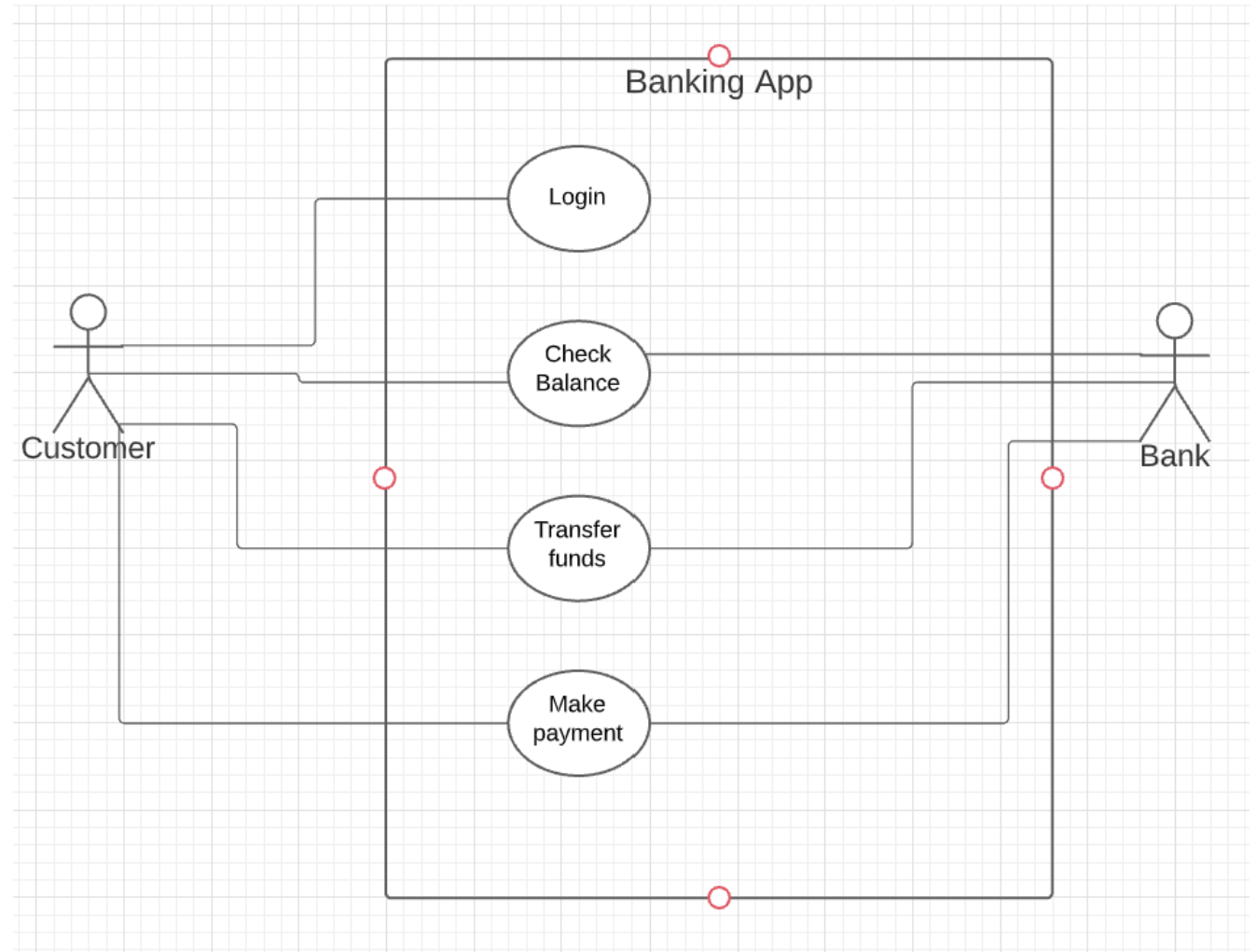
Use Cases

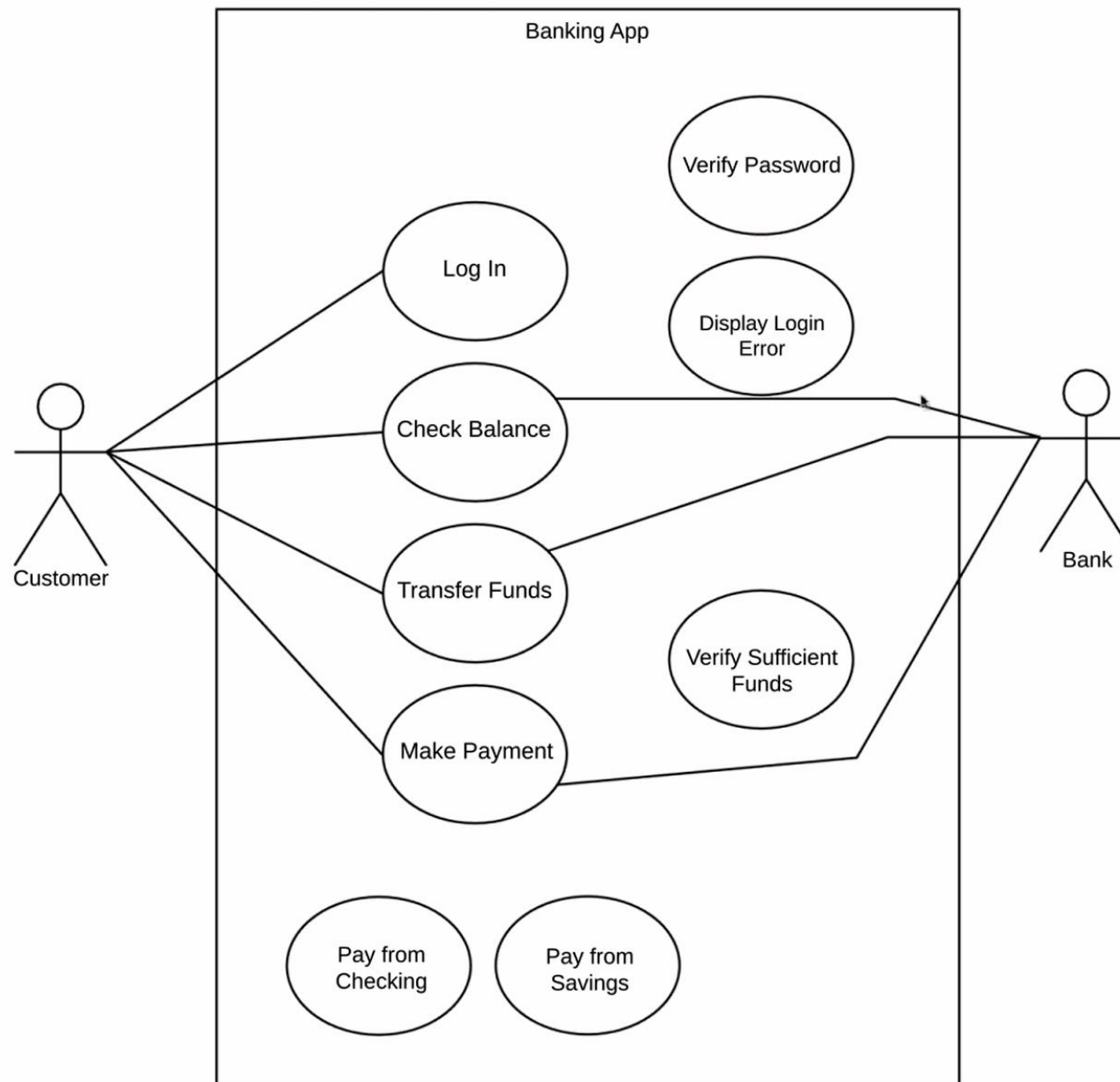
- Represents an action that accomplishes some sort of task within the system



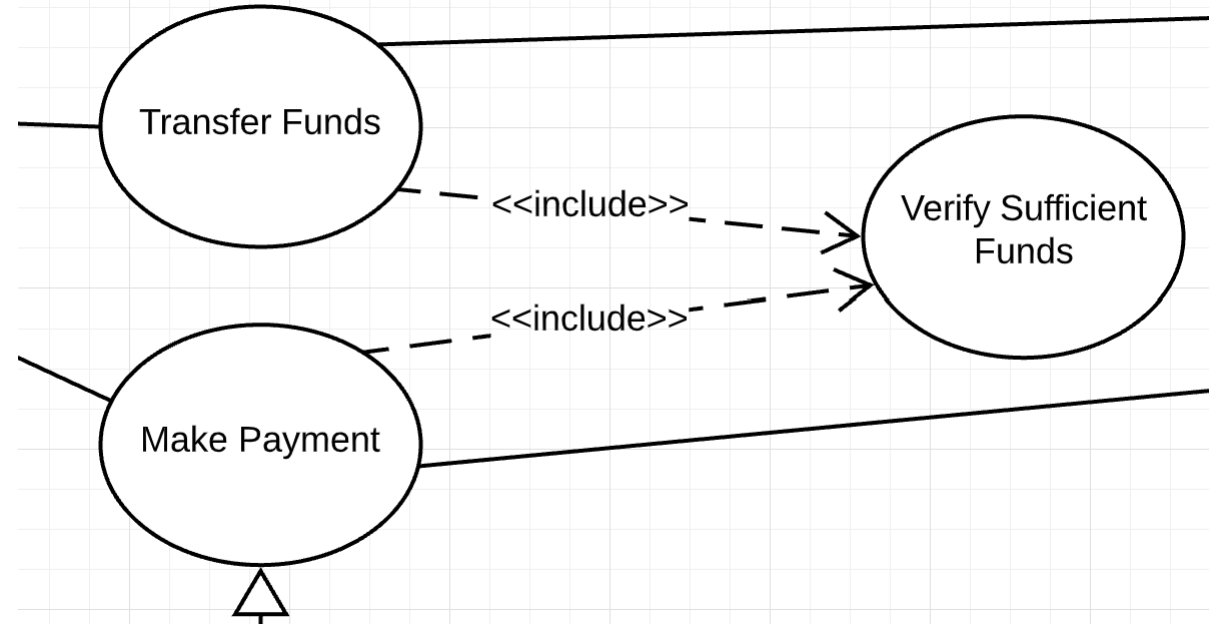
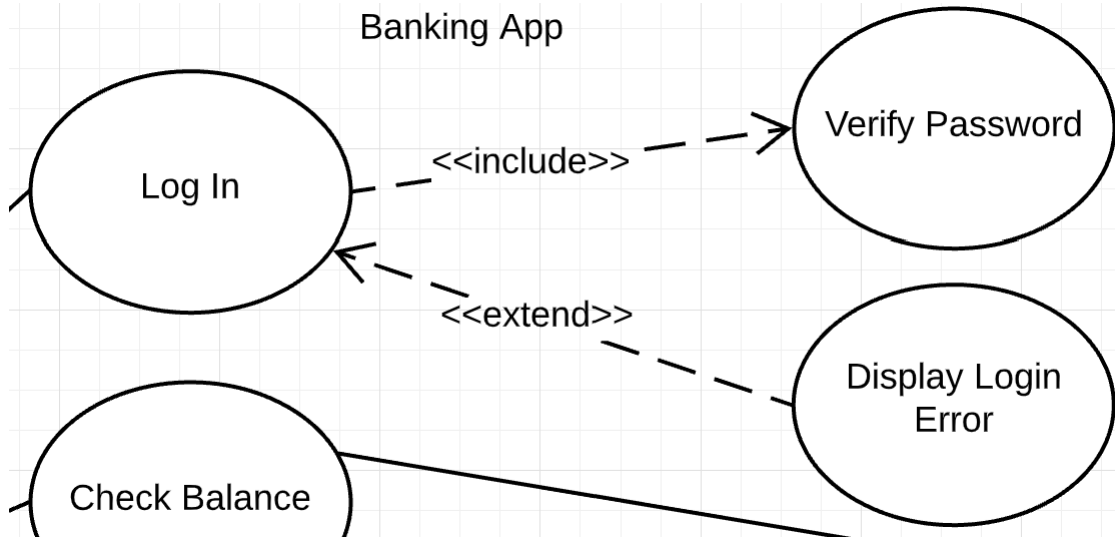
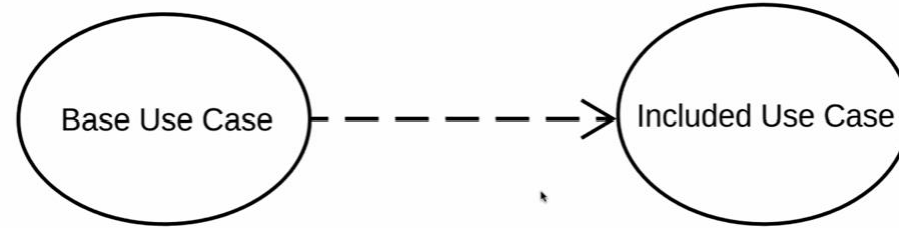
Relationships

- Association
- Include
- Extend
- Generalization

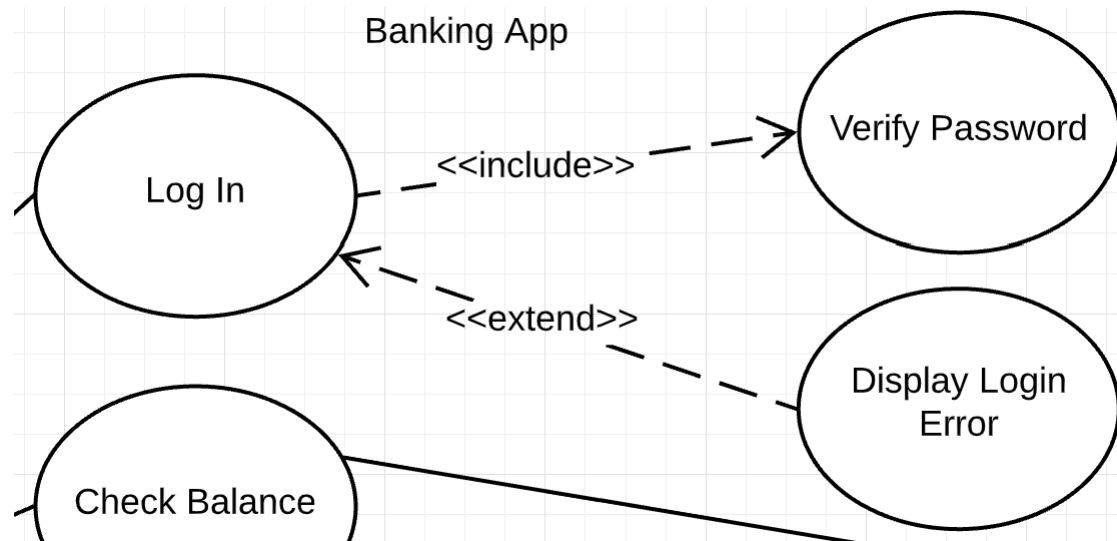
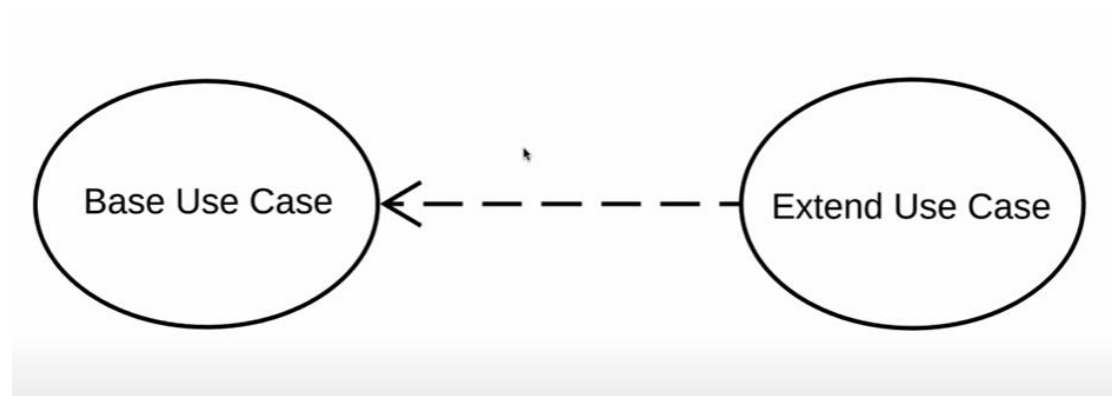




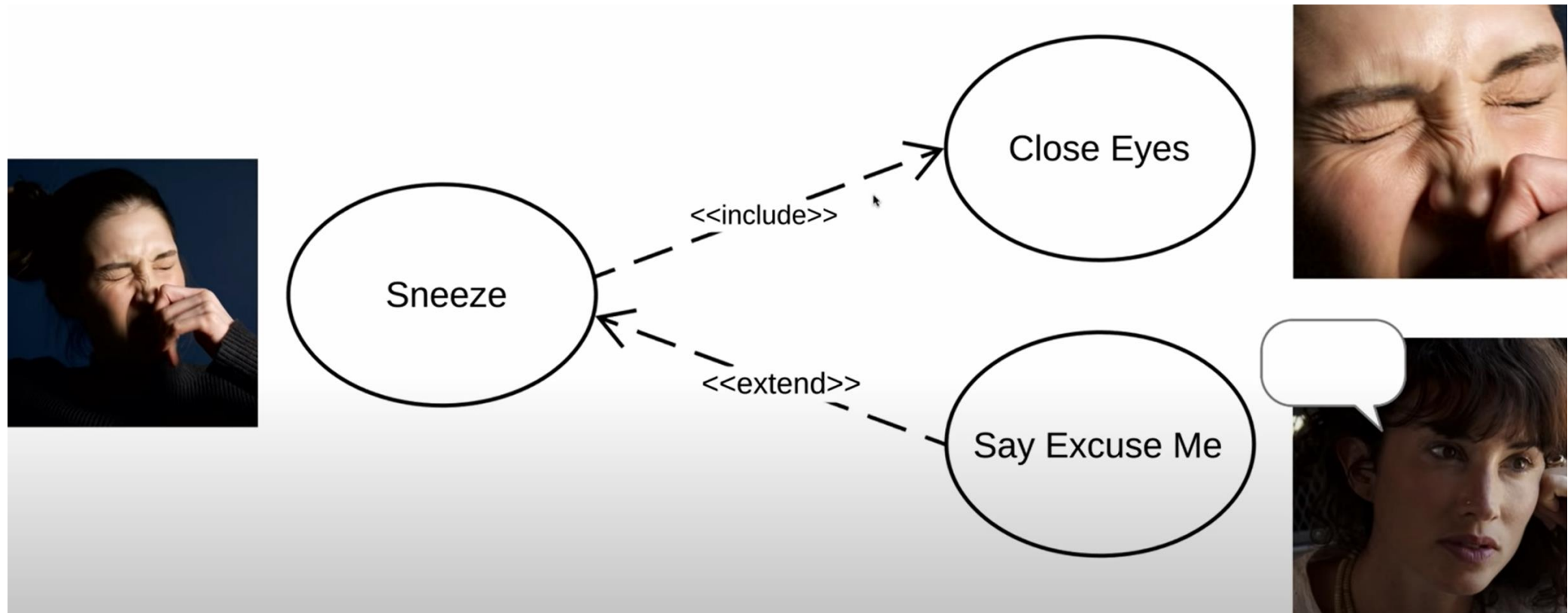
Include



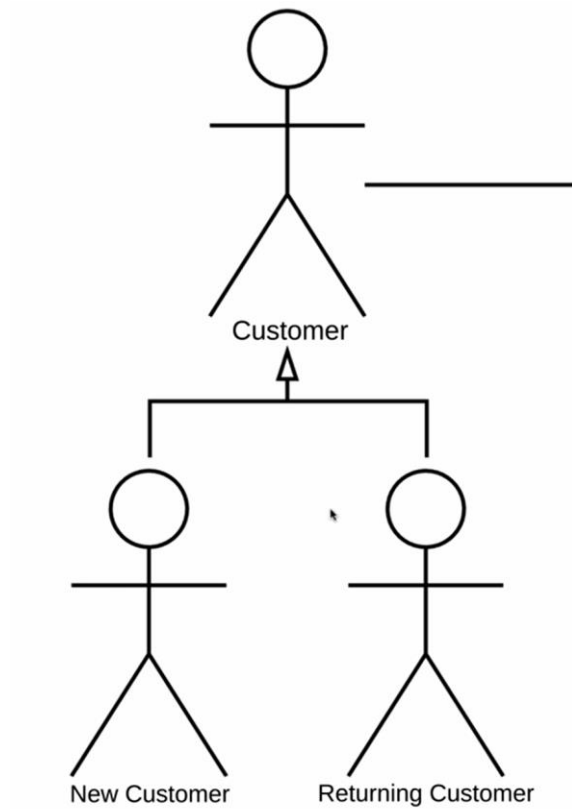
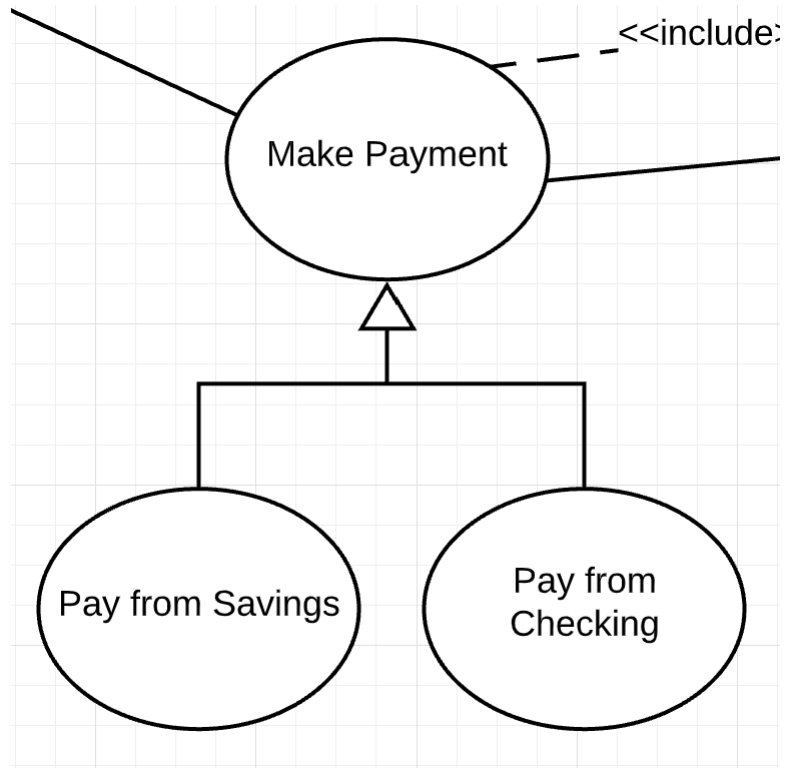
Extend



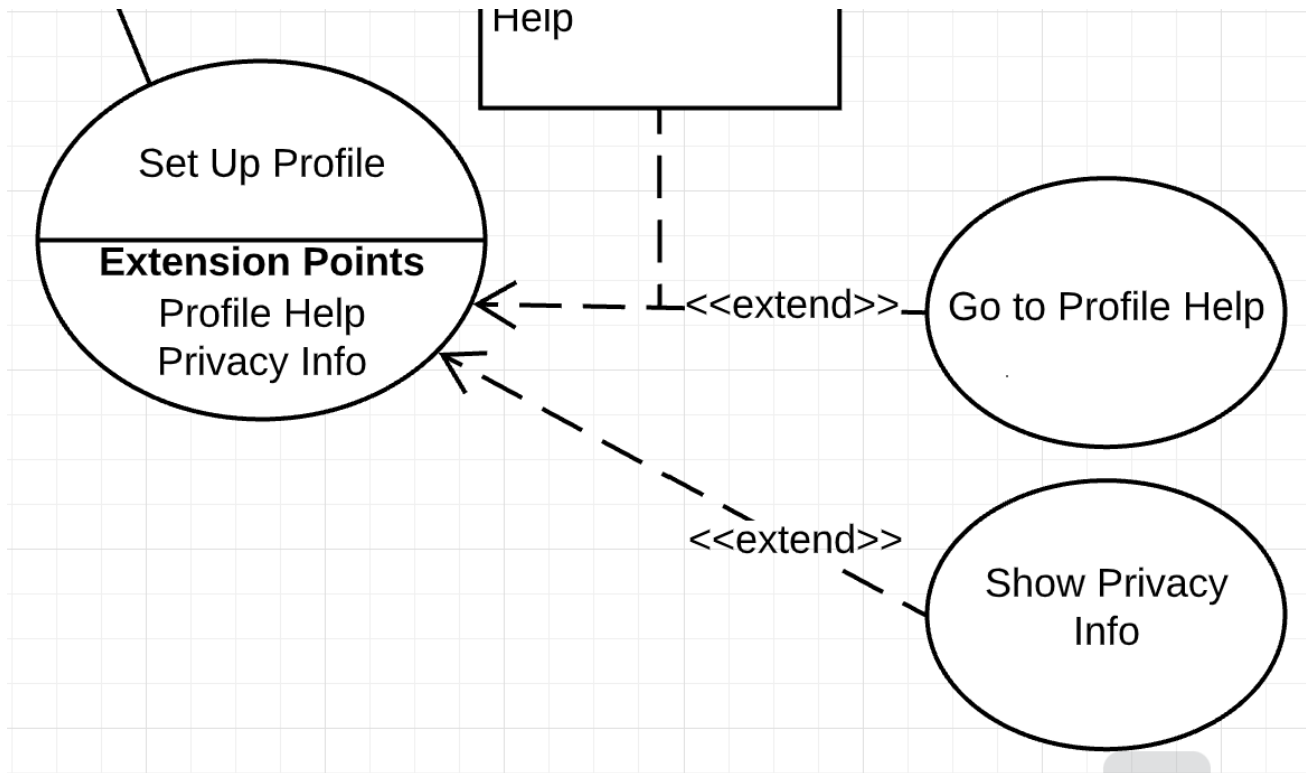
Example



Generalization



Use Case with Extension Points



Reference

1. https://lucid.app/lucidchart/c18e45b4-aea6-4ac6-b2ea-eb2fcogodcg1/view?utm_source=youtube&utm_medium=video&utm_campaign=use_case_published&page=o_o#