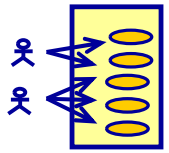
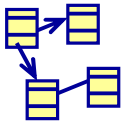
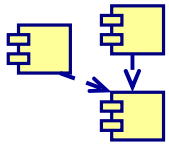
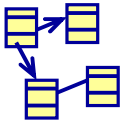
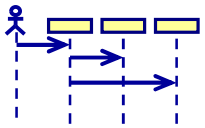
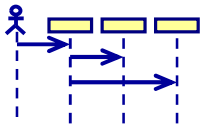
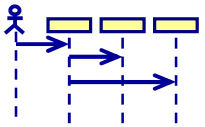
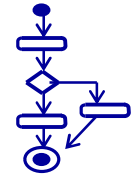
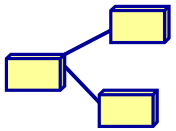
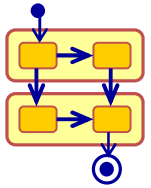
Lesson 8

Design

© 2020 ICT Intelligence

Design

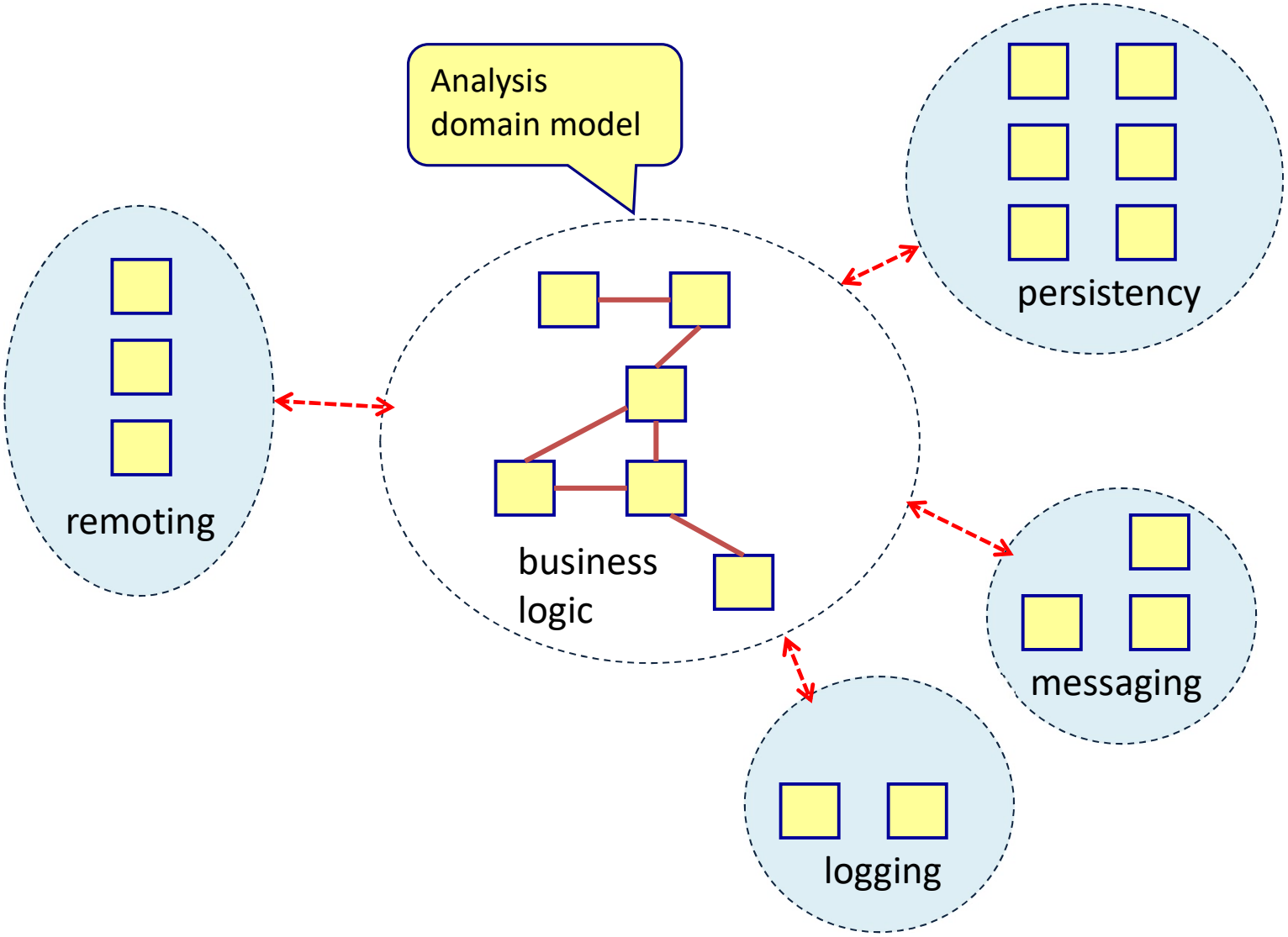
Requirements	Analysis	Architecture	Design
 use case diagram	 class diagram	 component diagram	 class diagram
scenarios	 sequence diagram	 sequence diagram	 sequence diagram
 activity diagram		 deployment diagram	
 state diagram			

© 2020 ICT Intelligence

DESIGN

© 2020 ICT Intelligence

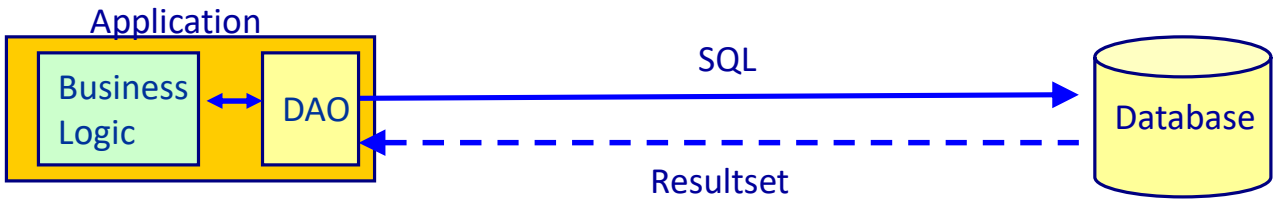
Domain Driven Design



© 2020 ICT Intelligence

Data Access Object (DAO)

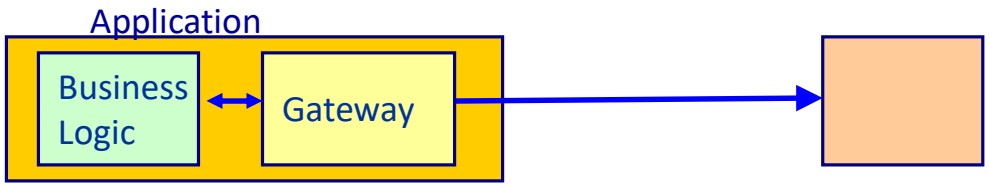
- Knows how to access the database



© 2020 ICT Intelligence

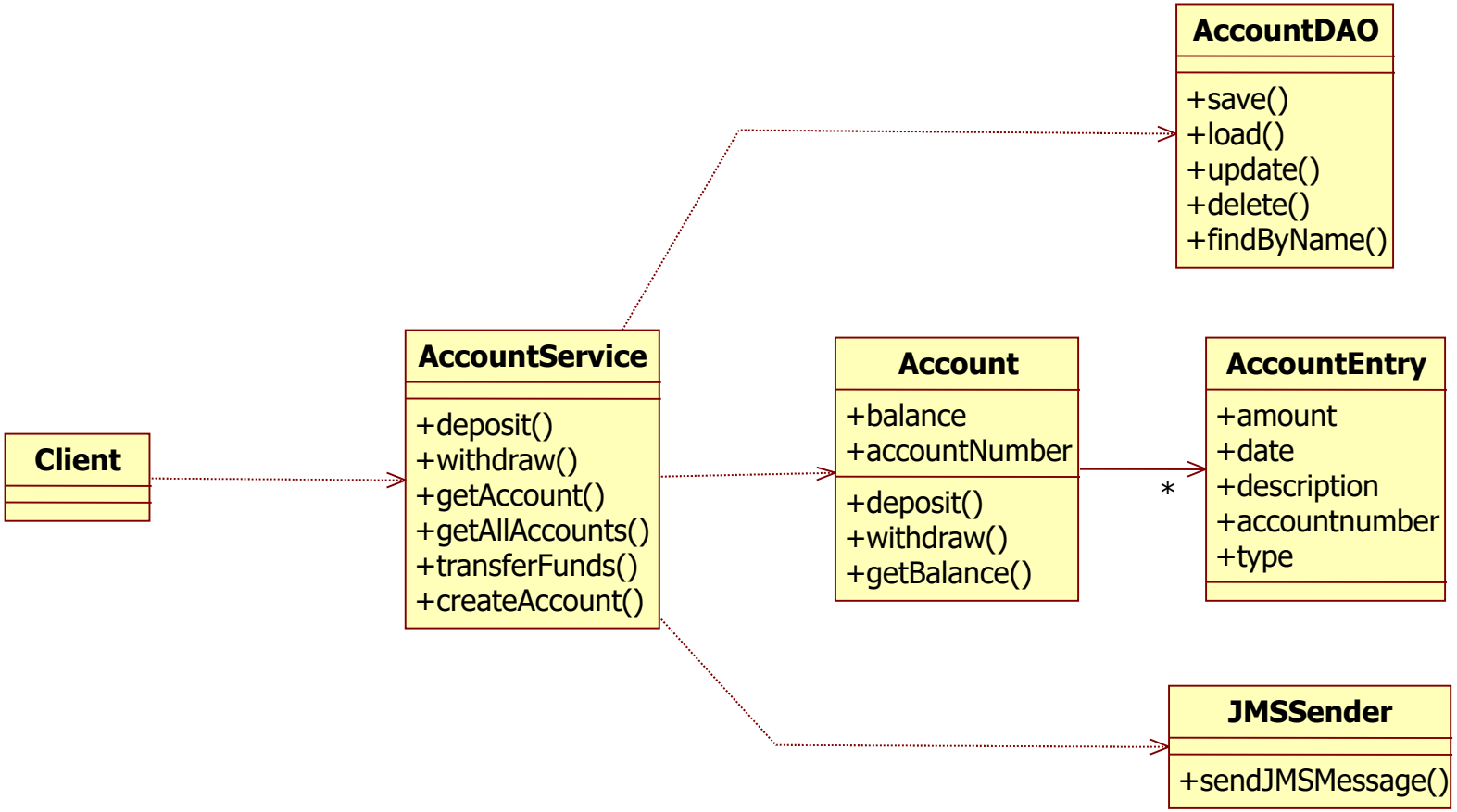
Gateway

- Knows how to access another remote application



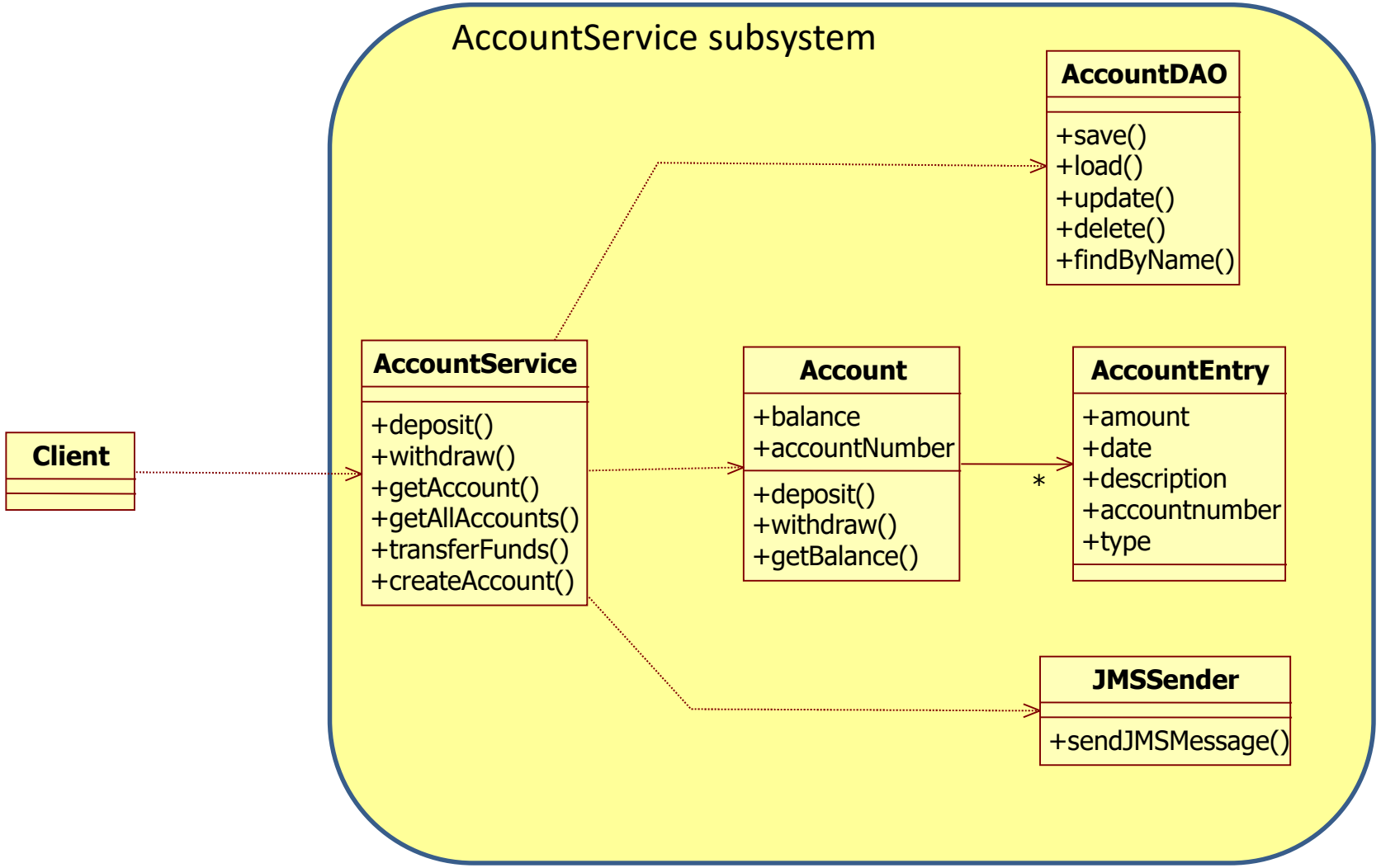
© 2020 ICT Intelligence

Service classes



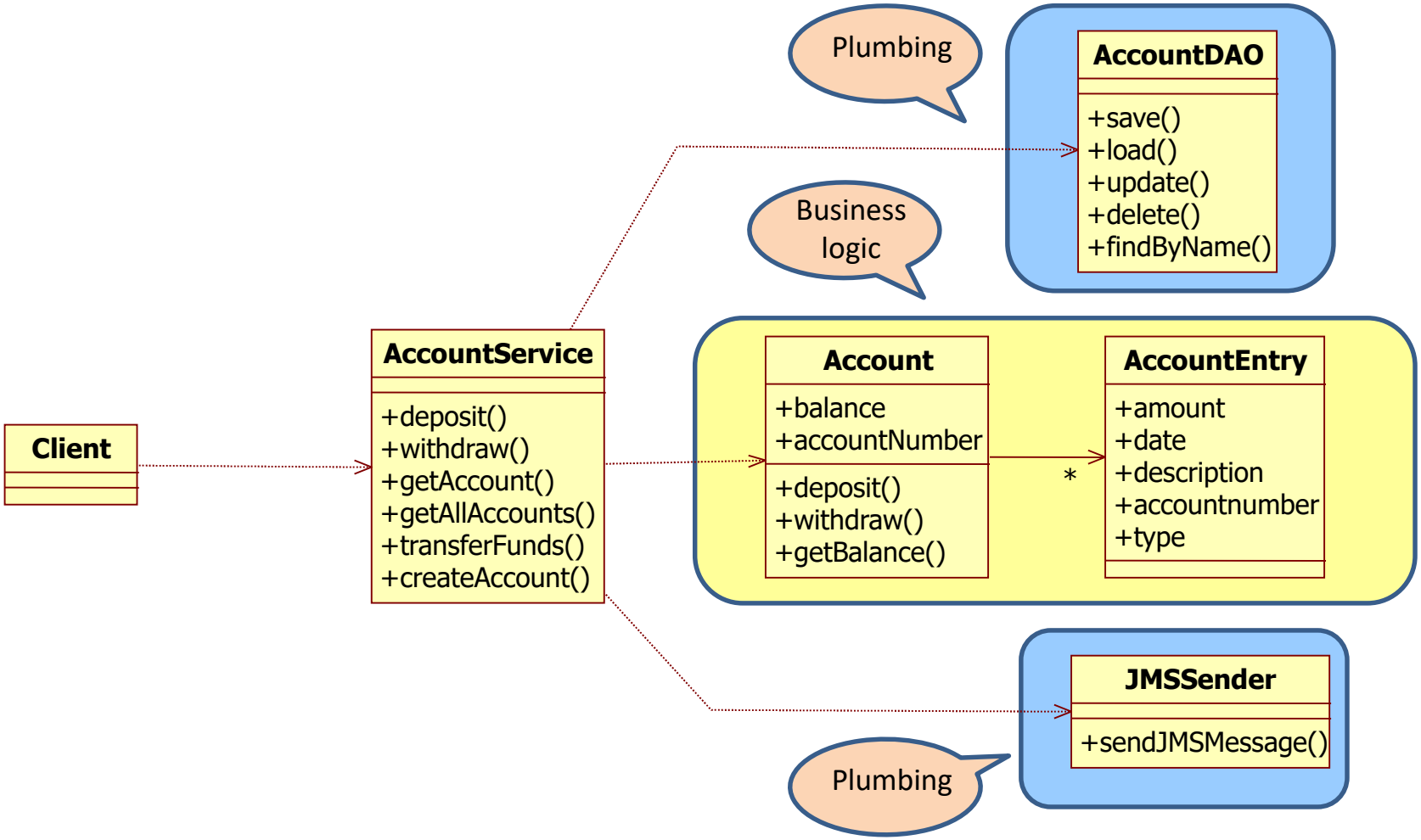
© 2020 ICT Intelligence

Entry of a complex subsystem



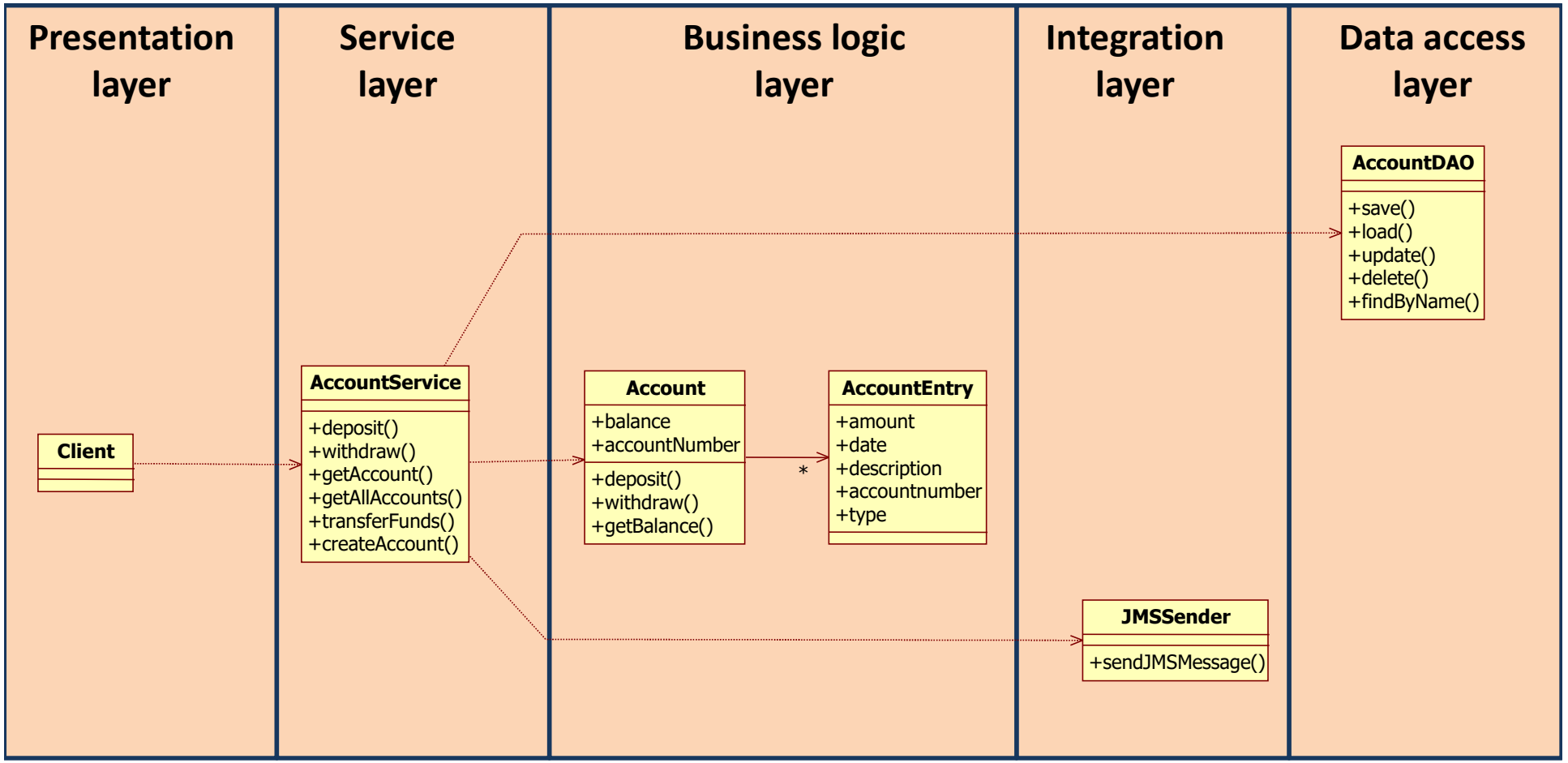
© 2020 ICT Intelligence

Separation of concern



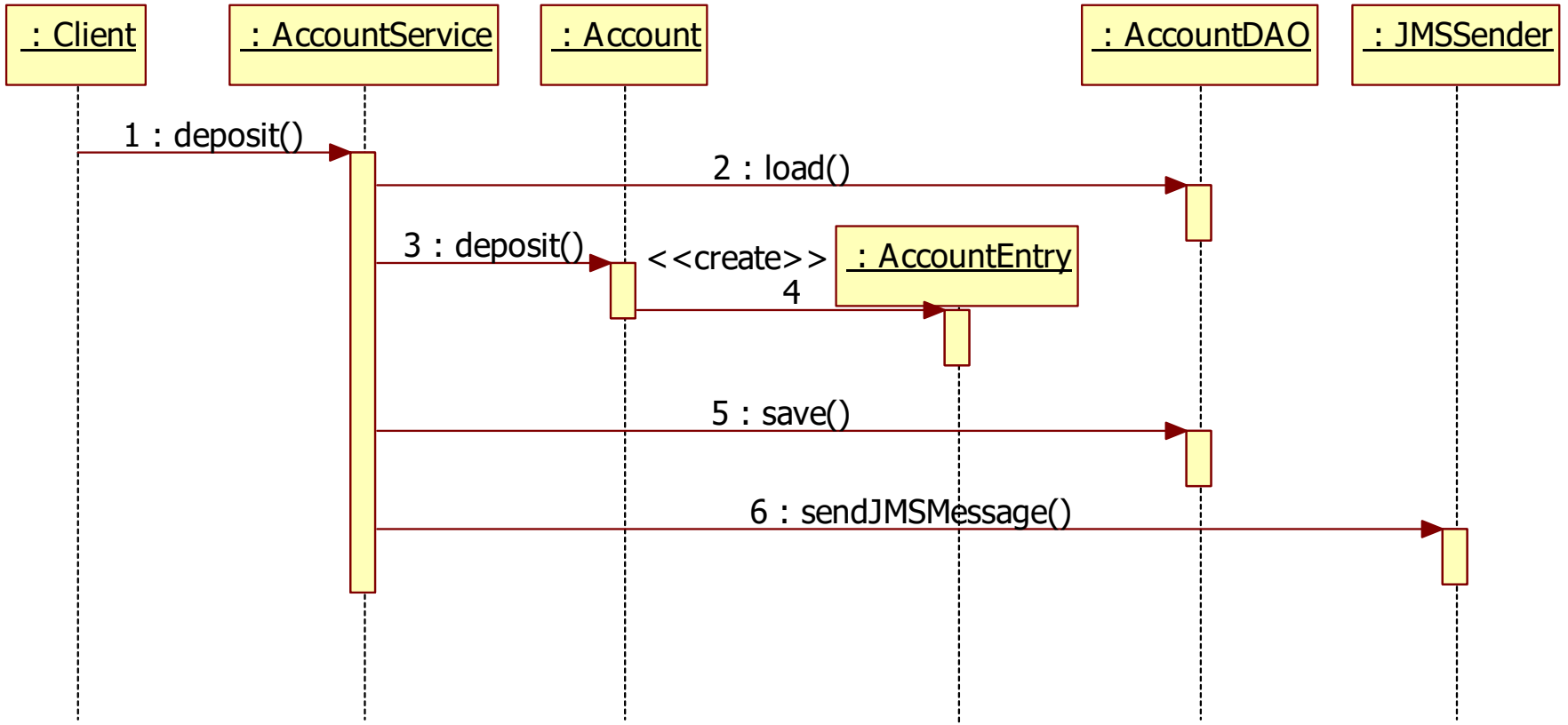
© 2020 ICT Intelligence

Application layers



© 2020 ICT Intelligence

Service object



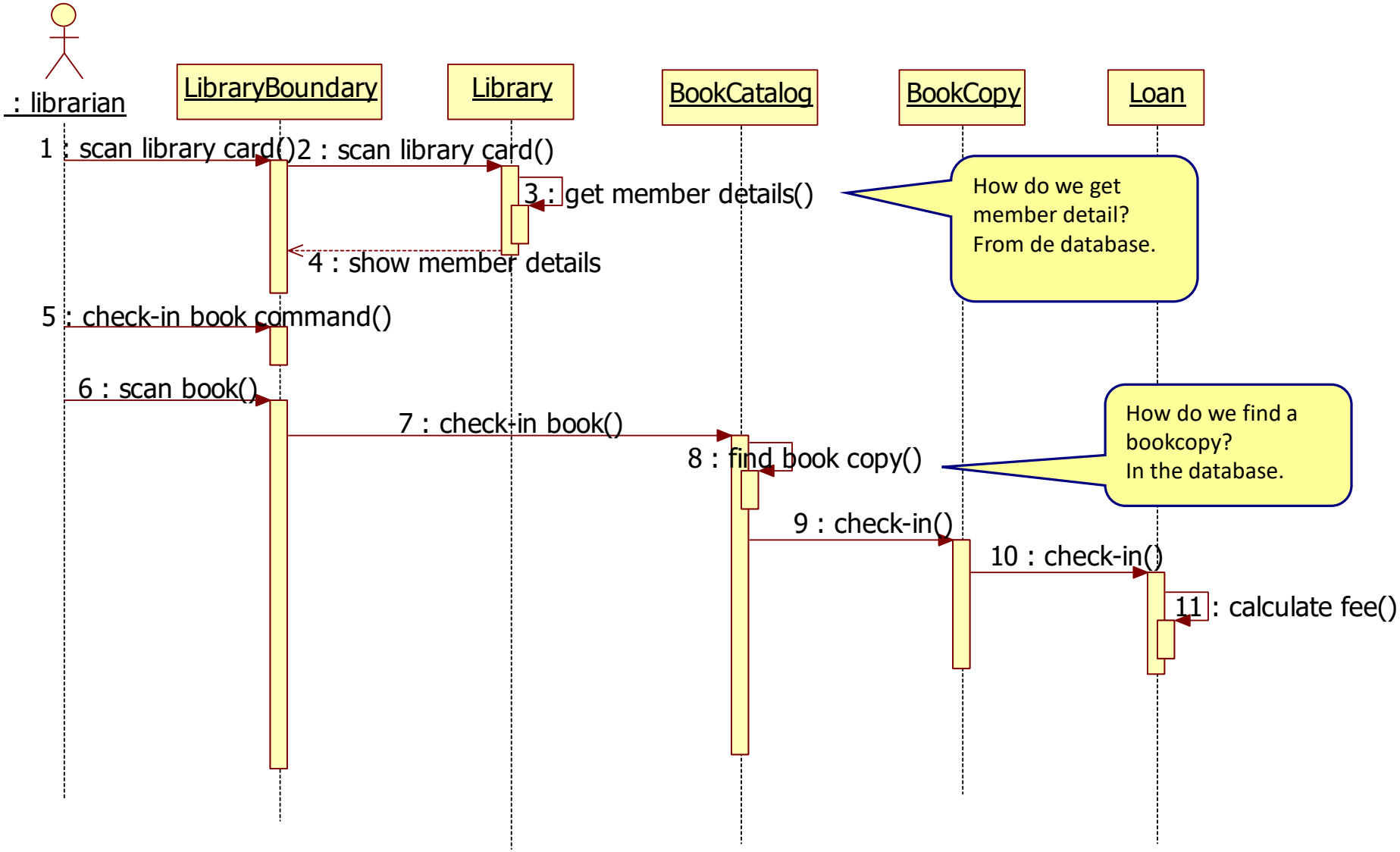
© 2020 ICT Intelligence

Design

- Add technical objects
  - Data access objects
  - Email senders
  - Service objects
  - Message Listeners
  - Logging objects
  - …
- The design should not change the analysis domain model.

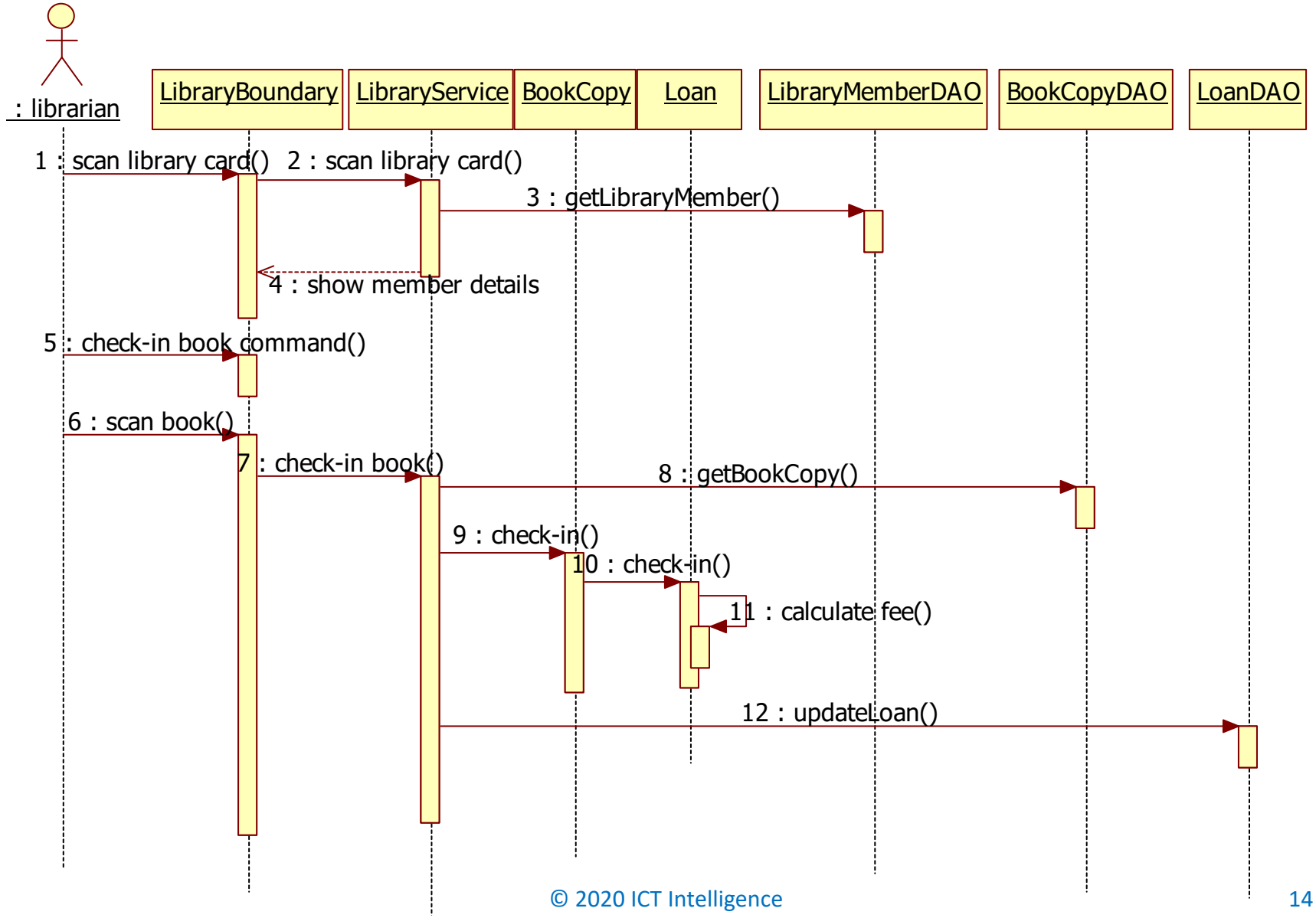
© 2020 ICT Intelligence

Check-in book analysis



© 2020 ICT Intelligence

Check-in book design



© 2020 ICT Intelligence