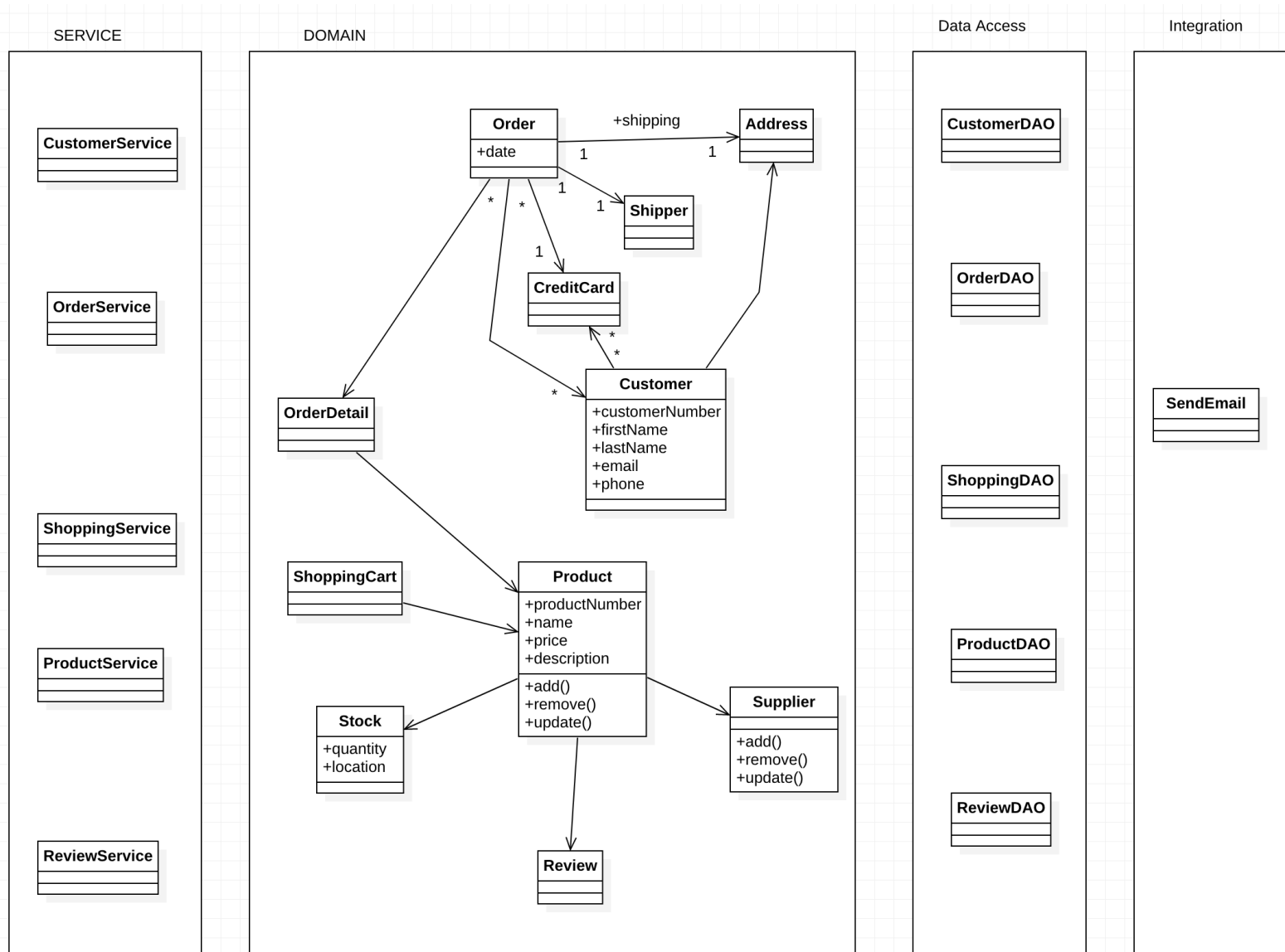
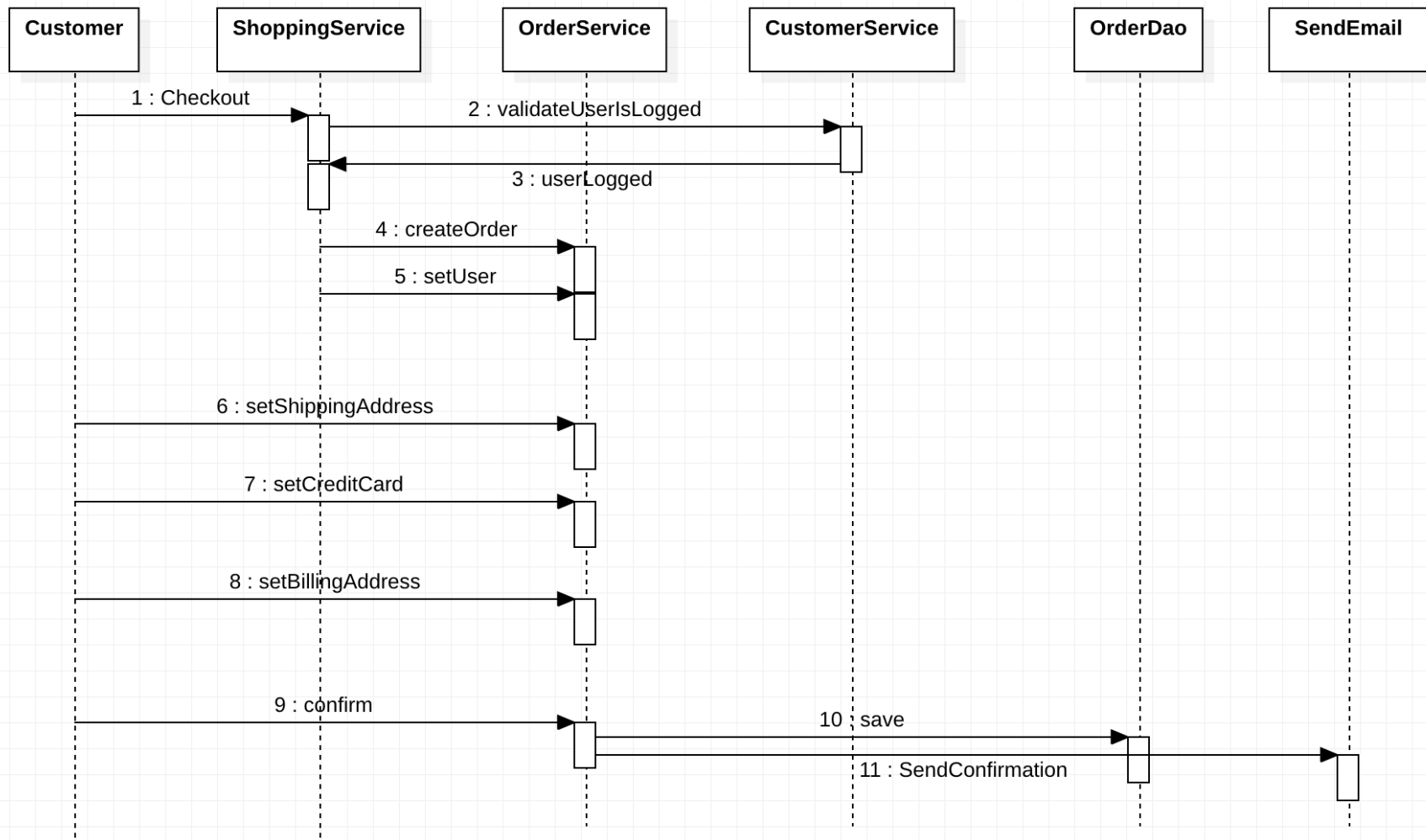


## Exercise 1







## Exercise 2

		Advantages	Disadvantages
Front-End	Mobile (Android, iOS)	Faster, Scalable	volatile
	Browser		
Back-End	Server	easy to share in modules	less scalable
	Database	long time persistence	Low performance

### Exercise 3

Integration possibility	Advantage	Disadvantage	When to apply
RMI		Only works in JAVA	Just for development and test
JMS	Asynchronous	Need middleware	Applications between same company
SOAP	Secure	Only works with XML	When need security and standard
REST	Many languages, XML, JSON	Less security	Everywhere
Serialized objects over HTTP	Simple	Only works in JAVA	Applications managed by the same project
Database Integration	Simple	Low performance	Never
File Based Integration		Low performance	Only to send documents