

Introduction to Software Architecture

Get familiar with the basics of software architecture and design concepts

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Supplementary Materials

Chapter 3

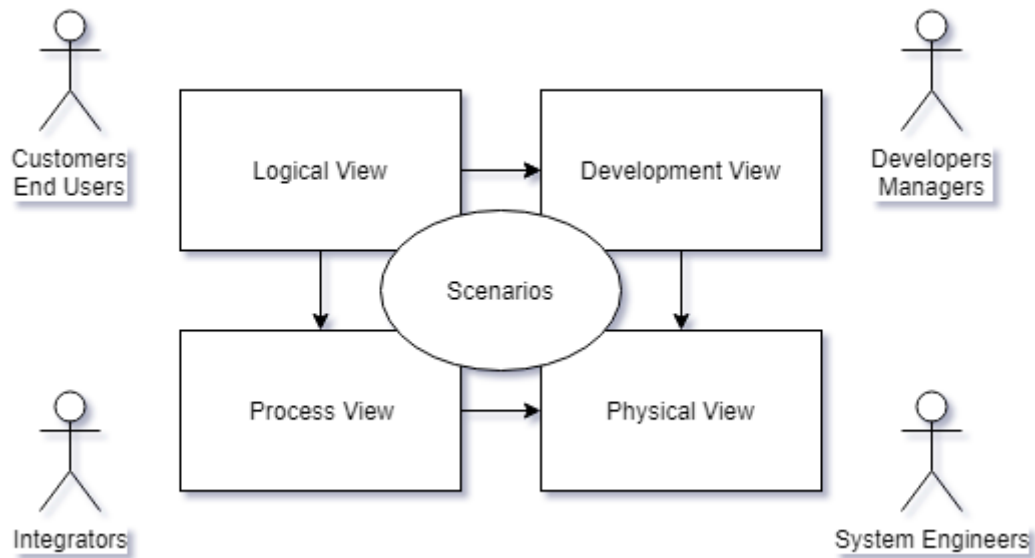


Figure 3.1 – An overview of the 4+1 model

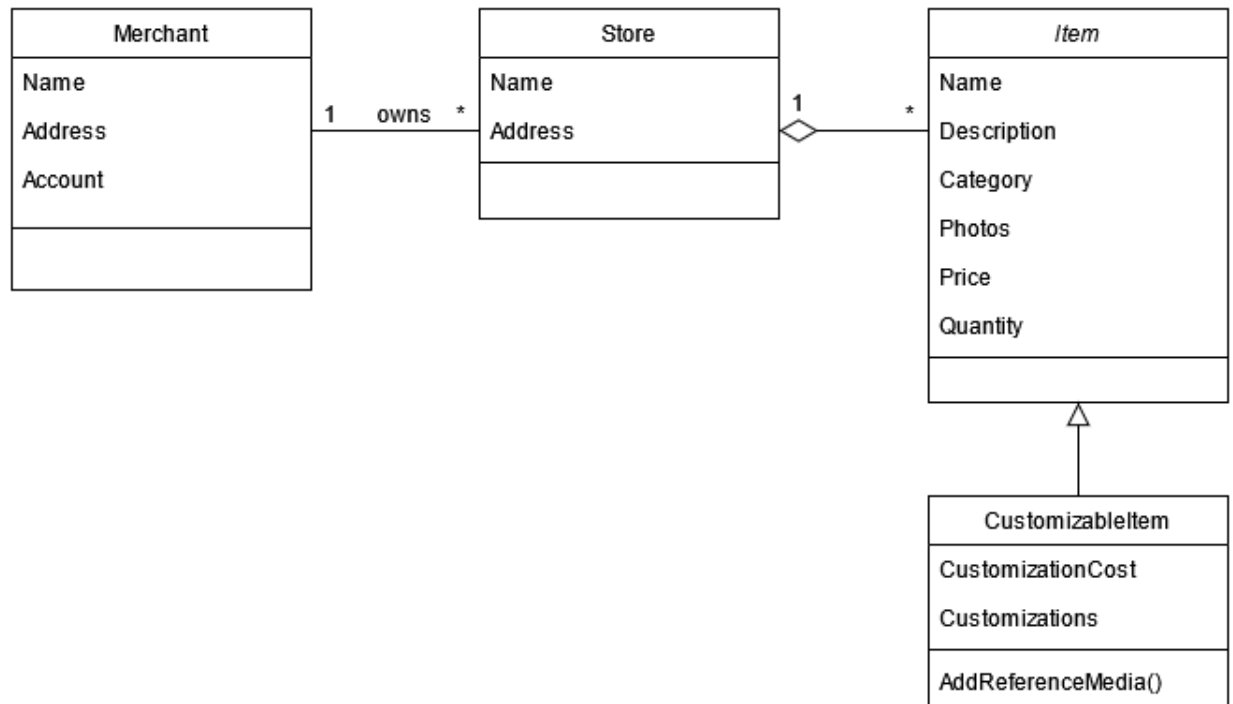


Figure 3.2 – Class diagrams can be used to show what types we plan to have, along with their relations

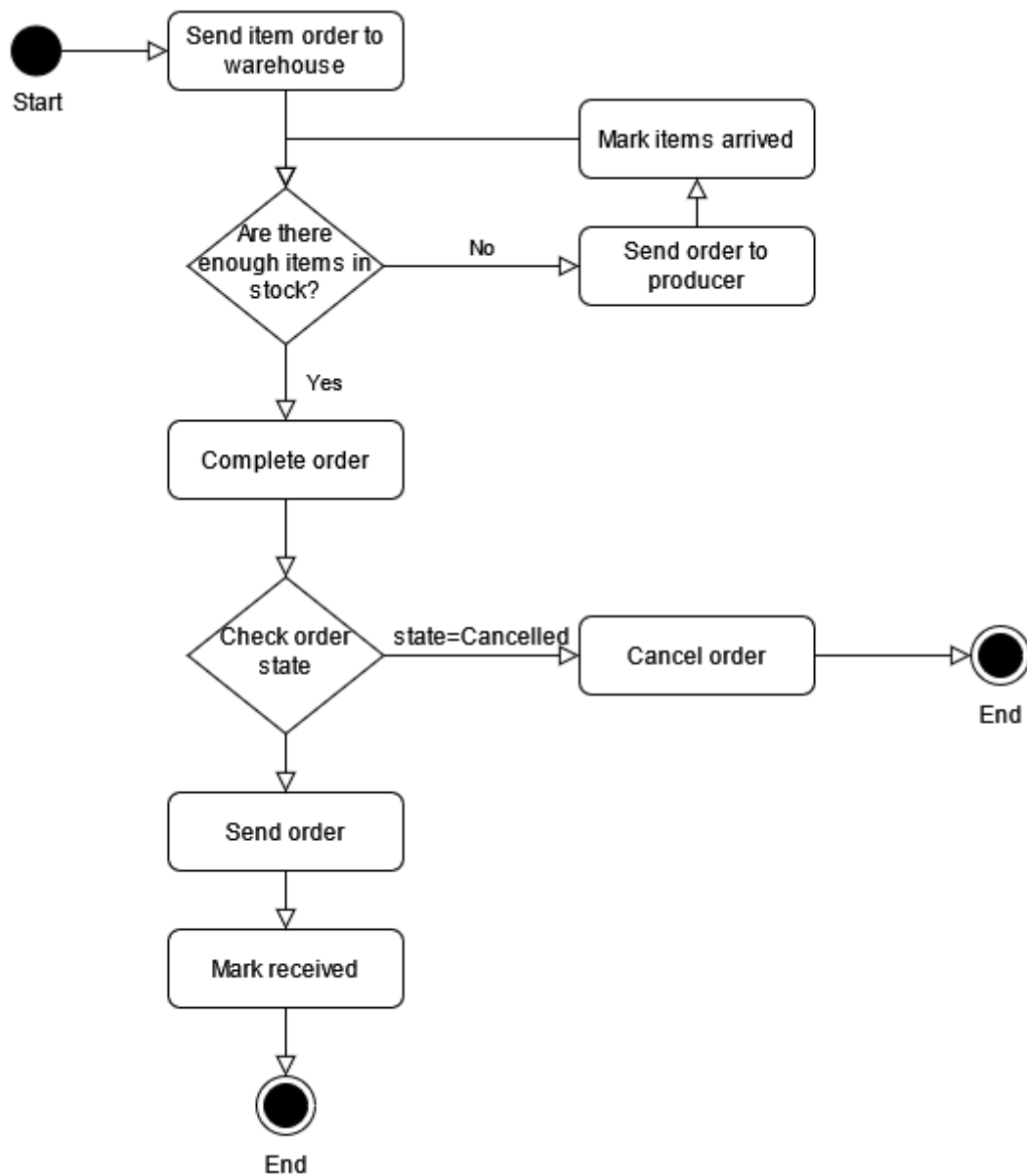


Figure 3.3 – Activity diagrams are graphical representations of workflows and processes

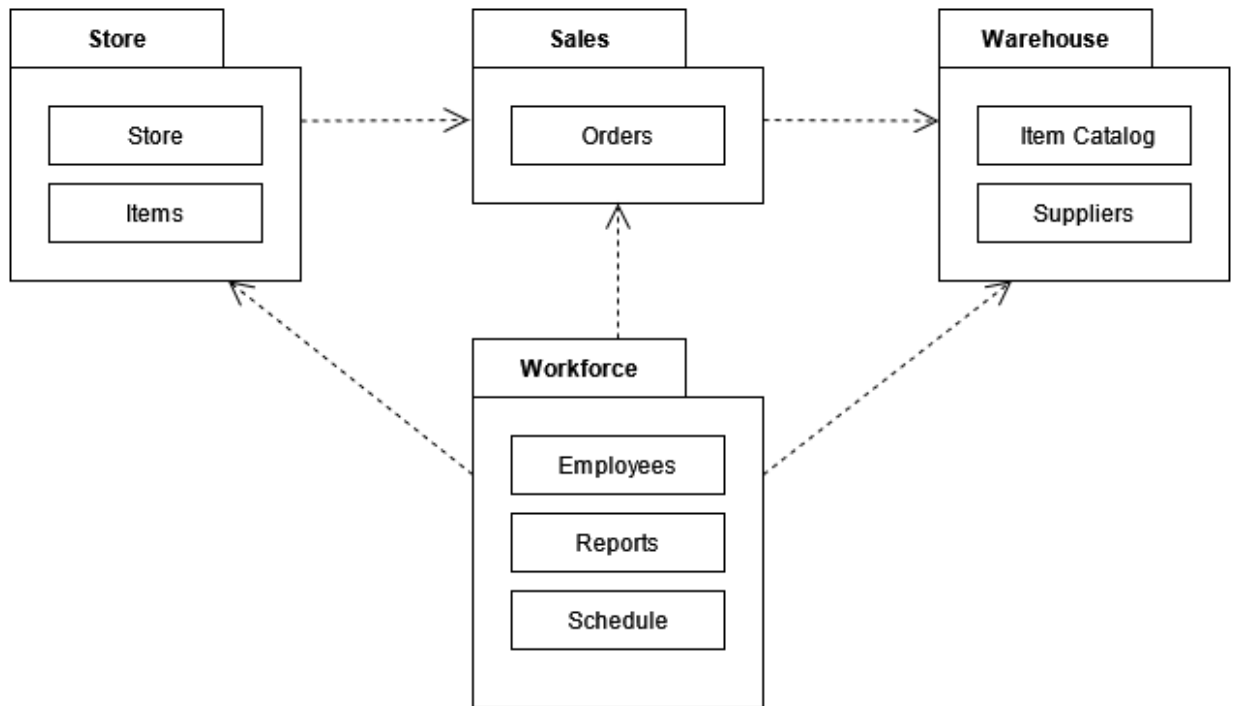


Figure 3.4 – Package diagrams can show the parts of a system from a higher perspective, as well as dependencies or relations between specific components

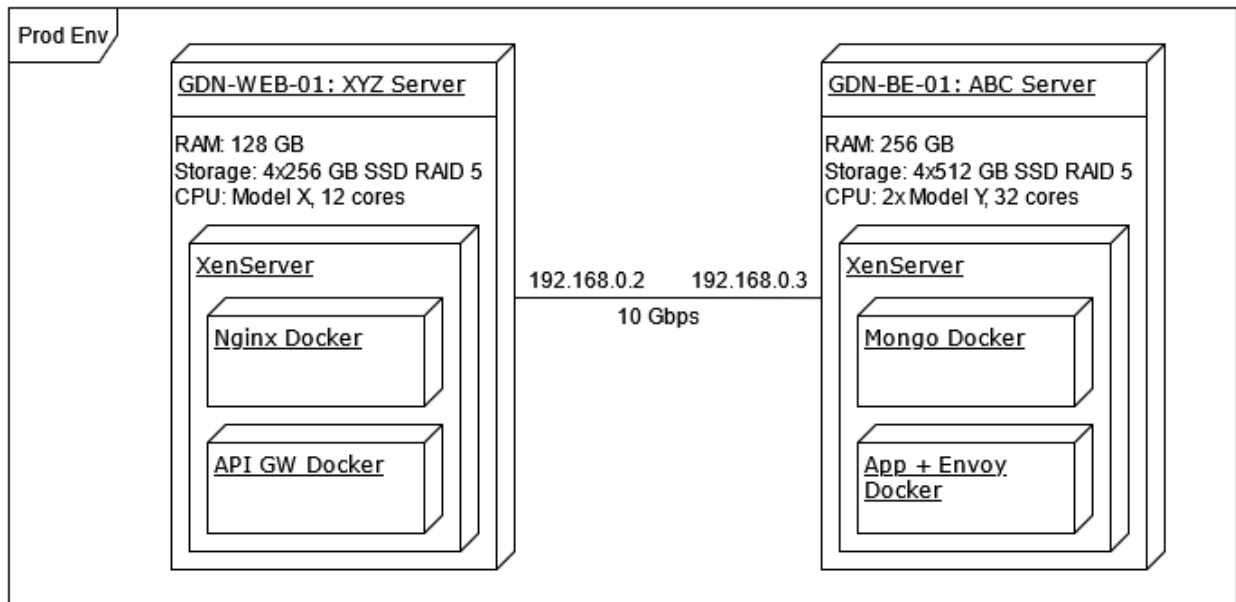


Figure 3.5 – Deployment diagrams demonstrate the hardware on which each software component will run. It can also be used to pass on information regarding the network

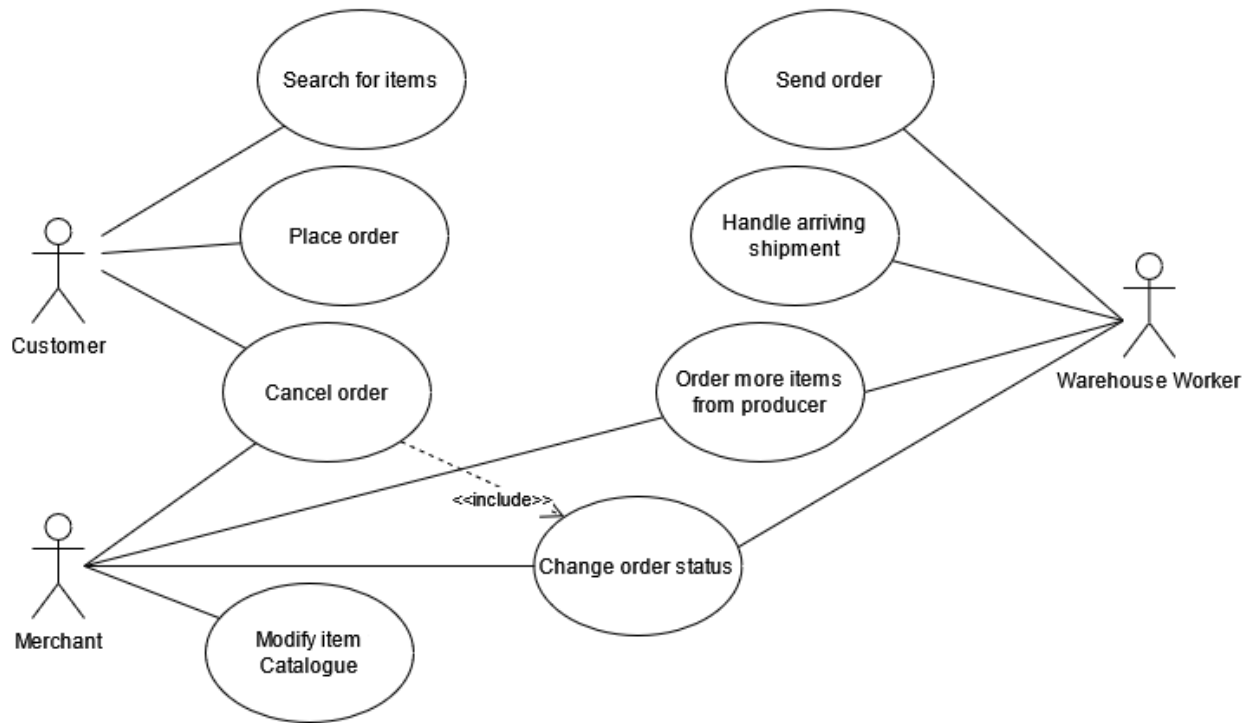


Figure 3.6 – Use case diagrams show how specific actors interact with the system and how the interactions relate to each other

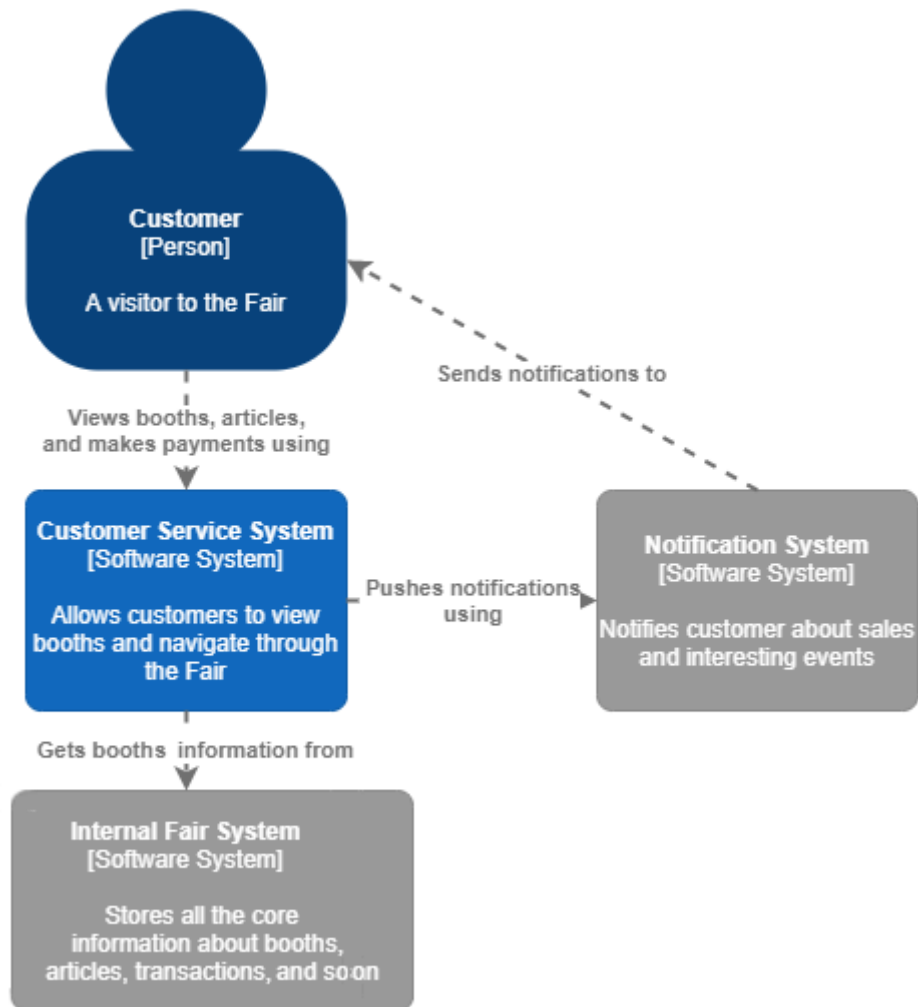


Figure 3.7 – A C4 context diagram

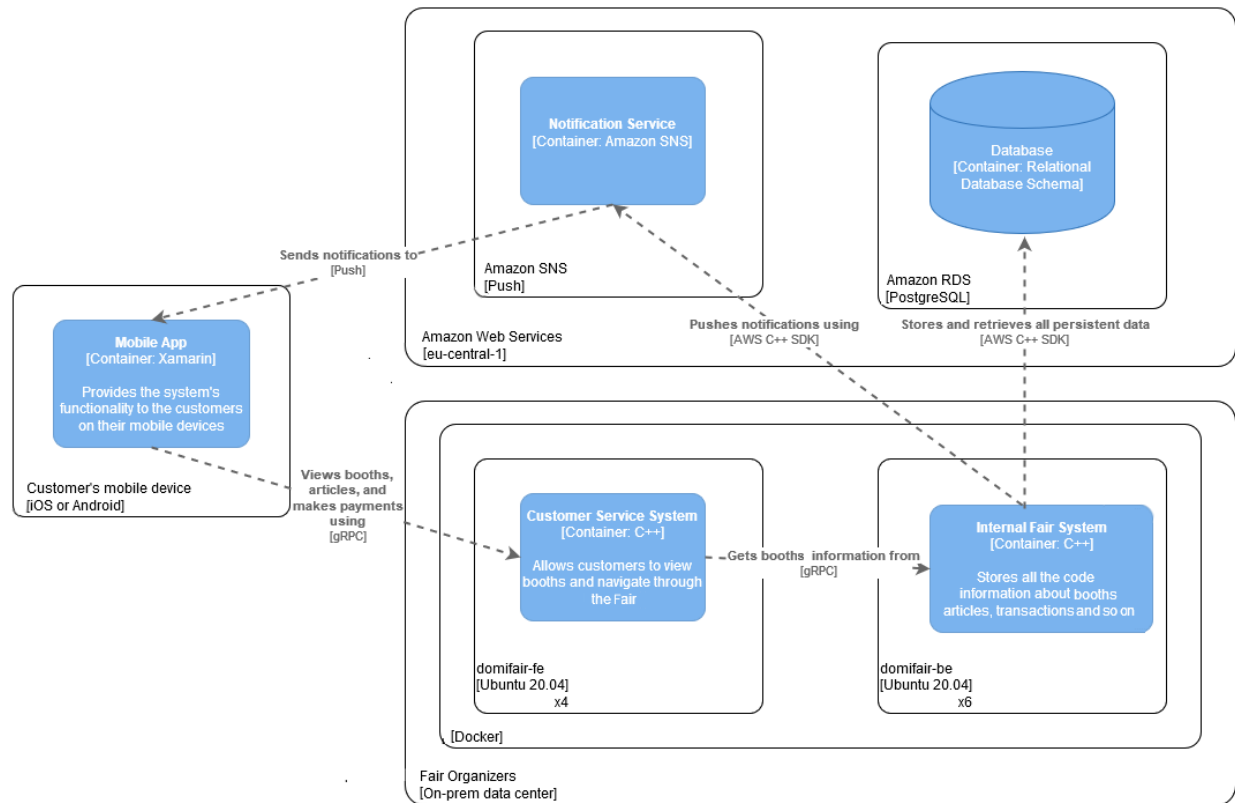


Figure 3.8 – A C4 deployment diagram

Chapter 4

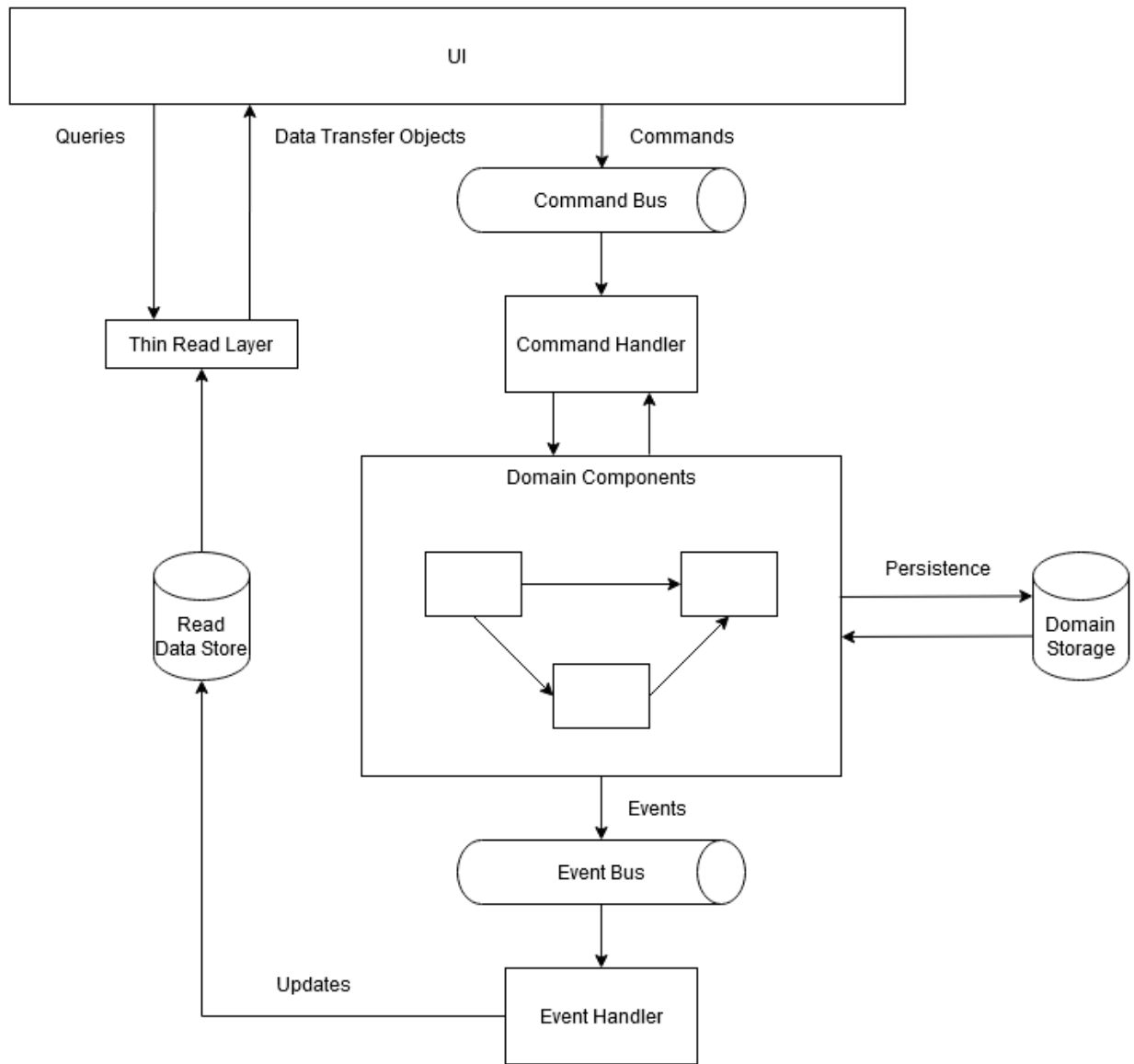


Figure 4.1 – CQRS with event sourcing