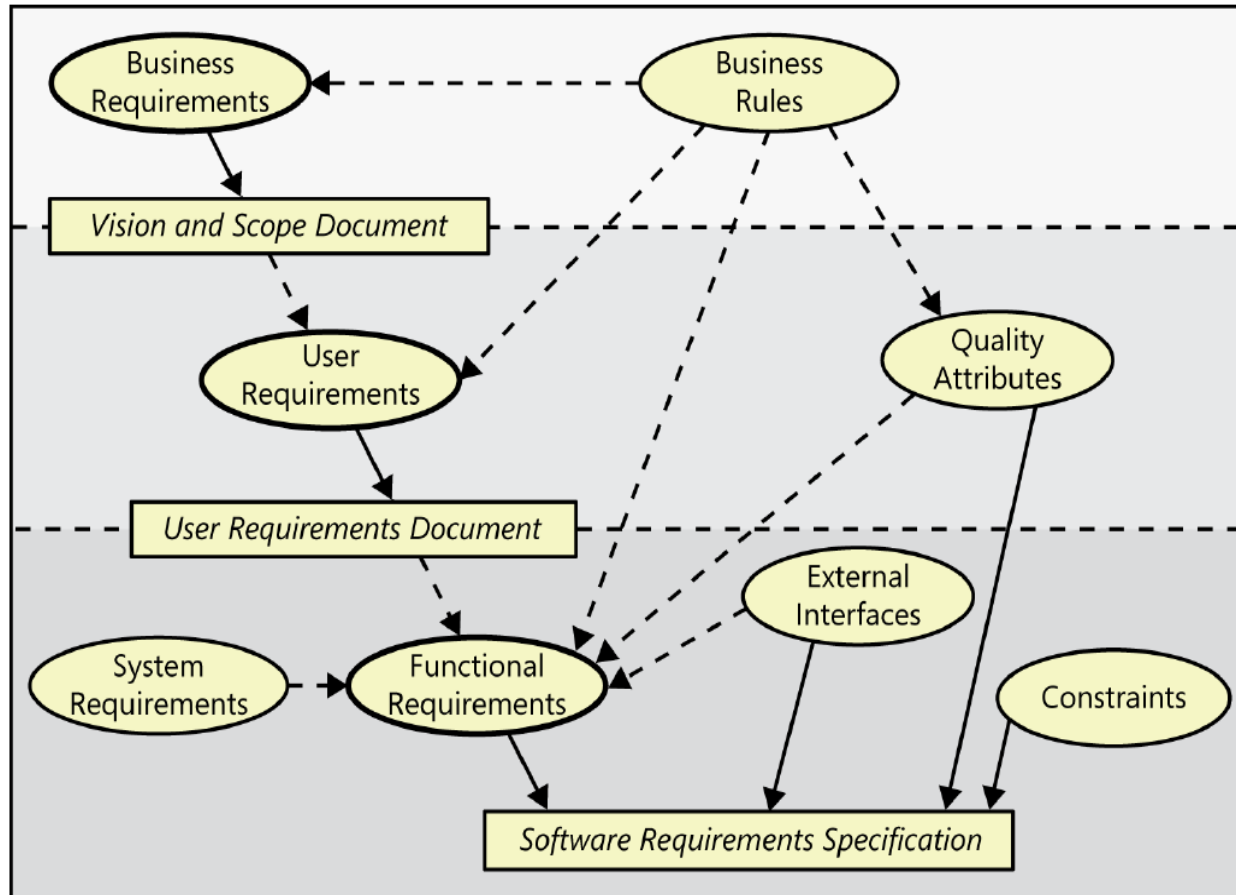


CS445 / ECE451 / CS645 / SE463  
Software Requirements Specification & Analysis

# Types of Requirements

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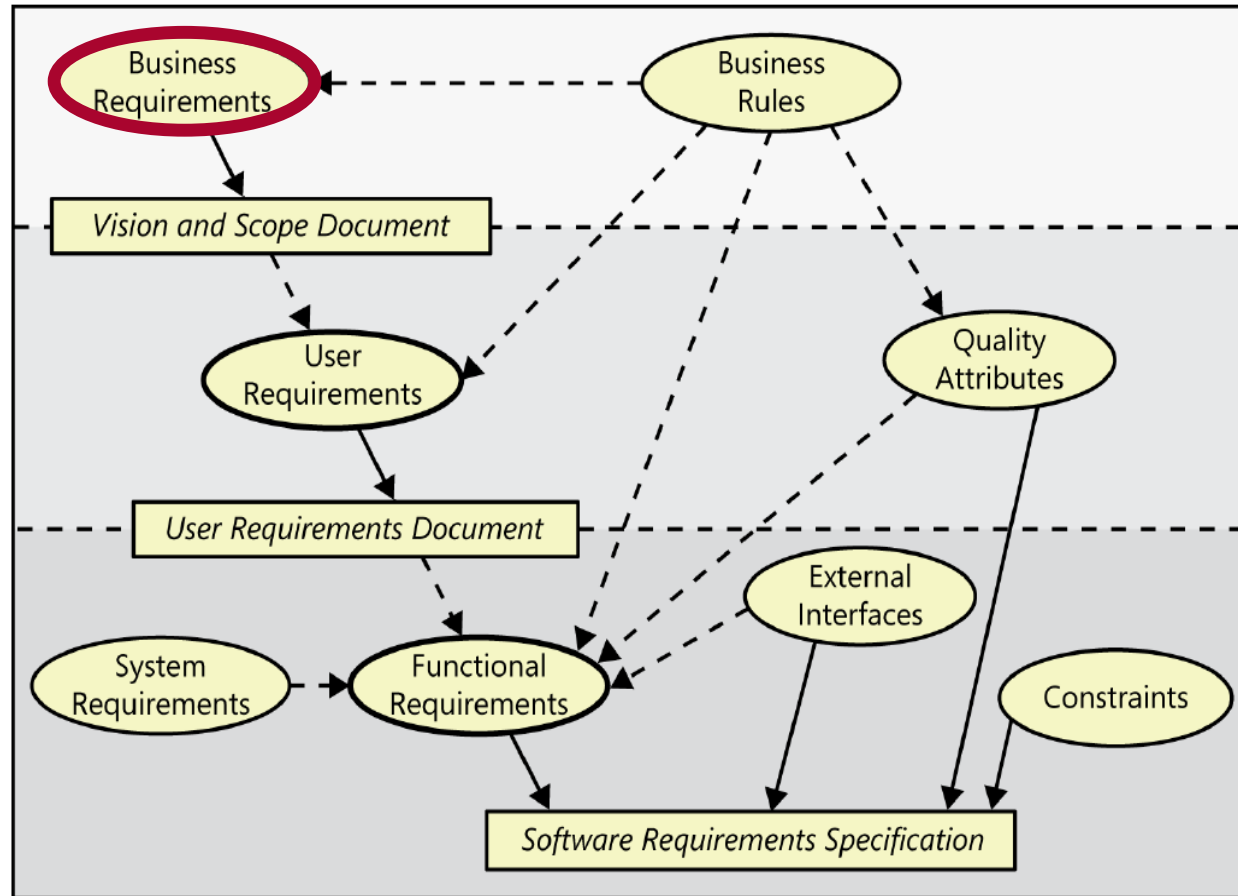


**FIGURE 1-1** Relationships among several types of requirements information. Solid arrows mean "are stored in";

dotted arrows mean "are the origin of" or "influence."

Karl E. Wieggers and Joy Beatty. *Software Requirements, 3ed.* Microsoft Press, 2013.

# Business Requirements

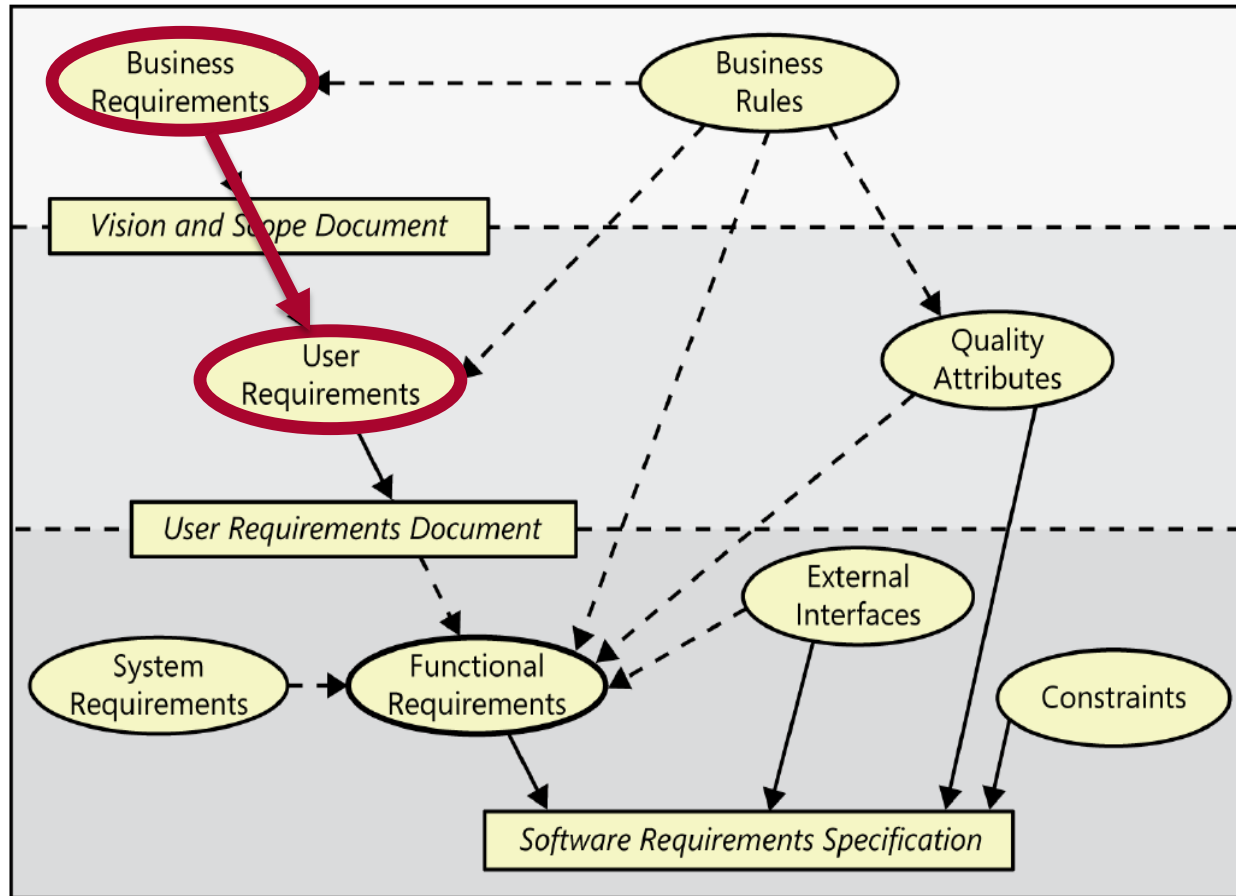


Airline wants to reduce counter staff costs by 25%

**FIGURE 1-1** Relationships among several types of requirements information. Solid arrows mean "are stored in"; dotted arrows mean "are the origin of" or "influence."

Karl E. Wieggers and Joy Beatty. *Software Requirements, 3ed.* Microsoft Press, 2013.

# User Requirements



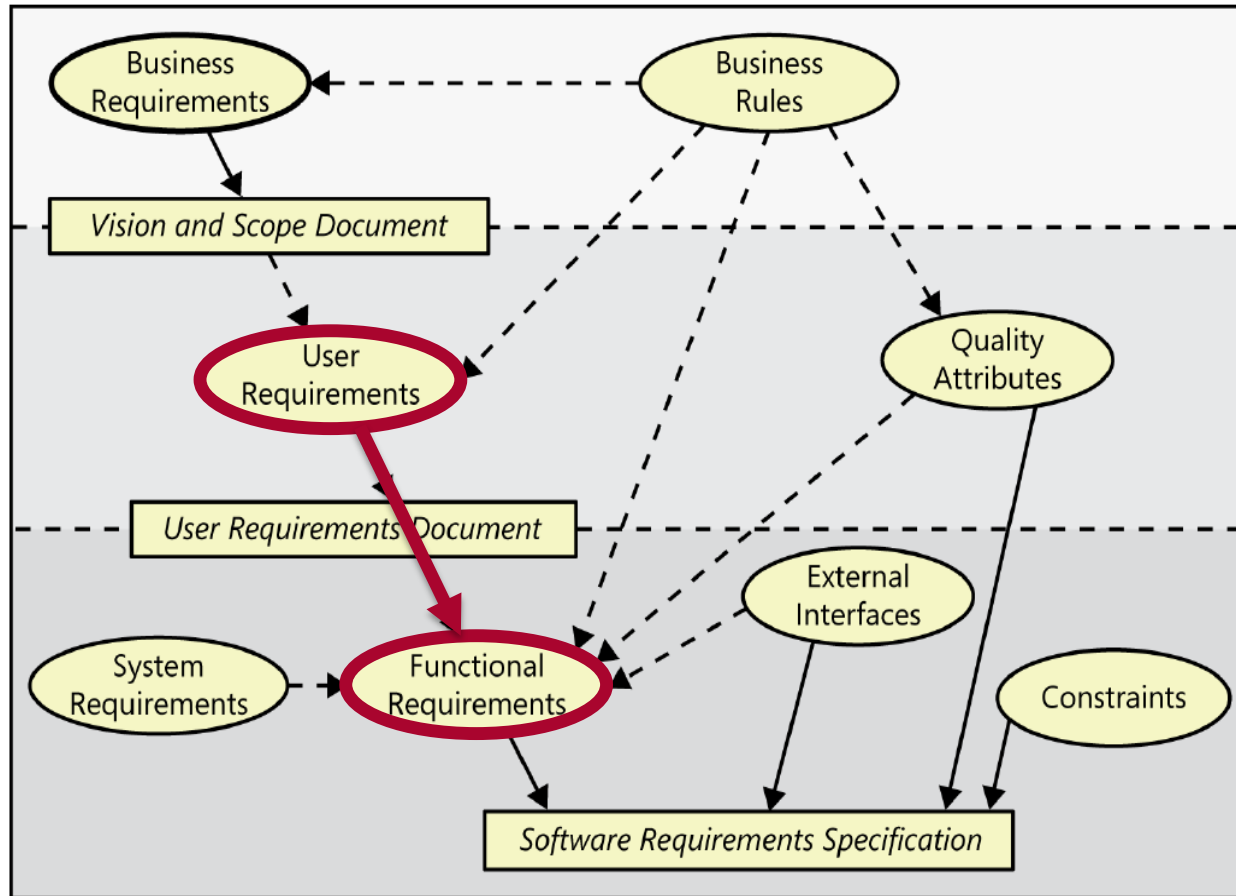
Airline wants to reduce counter staff costs by 25%

Passengers check in for a flight using an automated system

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# Functional Requirements



Airline wants to reduce counter staff costs by 25%

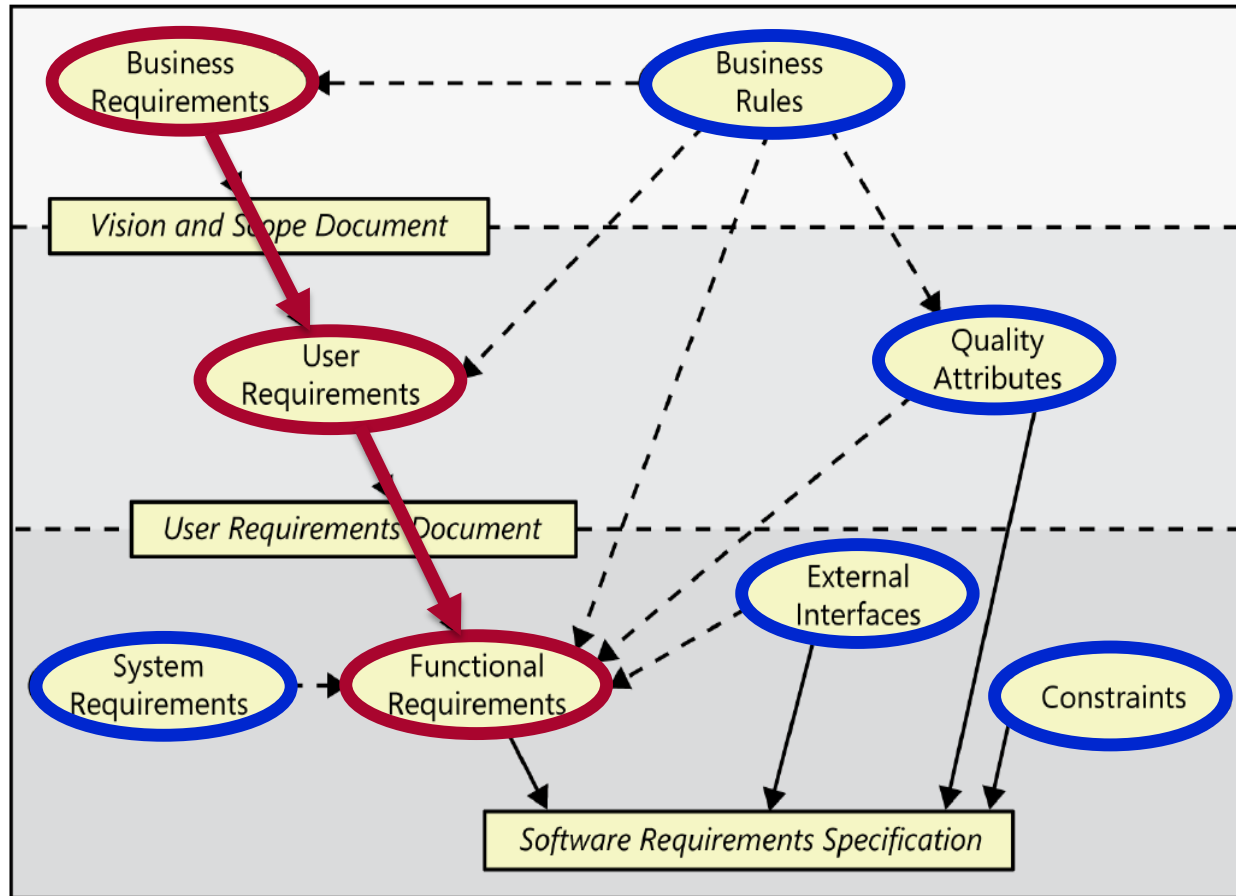
Passengers check in for a flight using an automated system

Kiosk prints boarding passes upon successful check-in

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# Other Types of Requirements



Airline wants to reduce counter staff costs by 25%

Passengers check in for a flight using an automated system

Kiosk prints boarding passes upon successful check-in

**FIGURE 1-1** Relationships among several types of requirements information. Solid arrows mean "are stored in"; dotted arrows mean "are the origin of" or "influence."

Karl E. Wieggers and Joy Beatty. *Software Requirements, 3ed.* Microsoft Press, 2013.

# References

Karl E. Wieggers and Joy Beatty. *Software Requirements, 3ed.*  
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- Chapter 1: “The essential software requirement”



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