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Software System Architectures (NSWI130)

Basic Terminology

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IEEE 1471 Recommended Practice for Architectural Description of Software-Intensive Systems

What is Software Architecture?

“The software architecture of a software system is the fundamental organization of the system embodied in its components, their relationships to each other, and to the environment (context), and the principles guiding its design and evolution.”

What is Software Architecture?

“The software architecture of a software **system** is the fundamental organization of the system embodied in its components, their relationships to each other, and to the environment (context), and the principles guiding its design and evolution.”

- ❑ application,
- ❑ platform,
- ❑ system of systems,
- ❑ enterprise,
- ❑ product line, ...

What is Software Architecture?

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- ❑ developmental,
- ❑ operational,
- ❑ business,
- ❑ technological, ...

What is Software Architecture?

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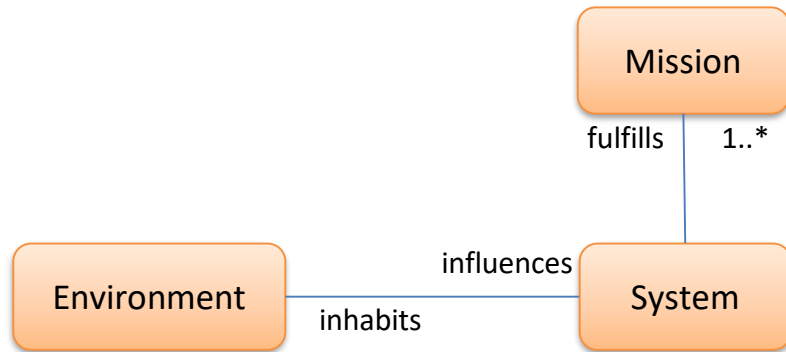
- ❑ essential
- ❑ unifying concepts and principles

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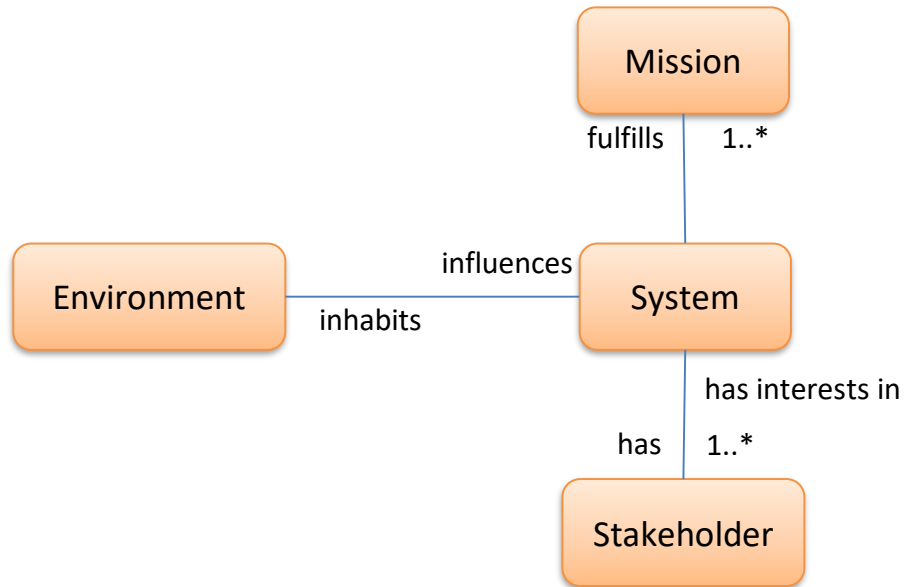
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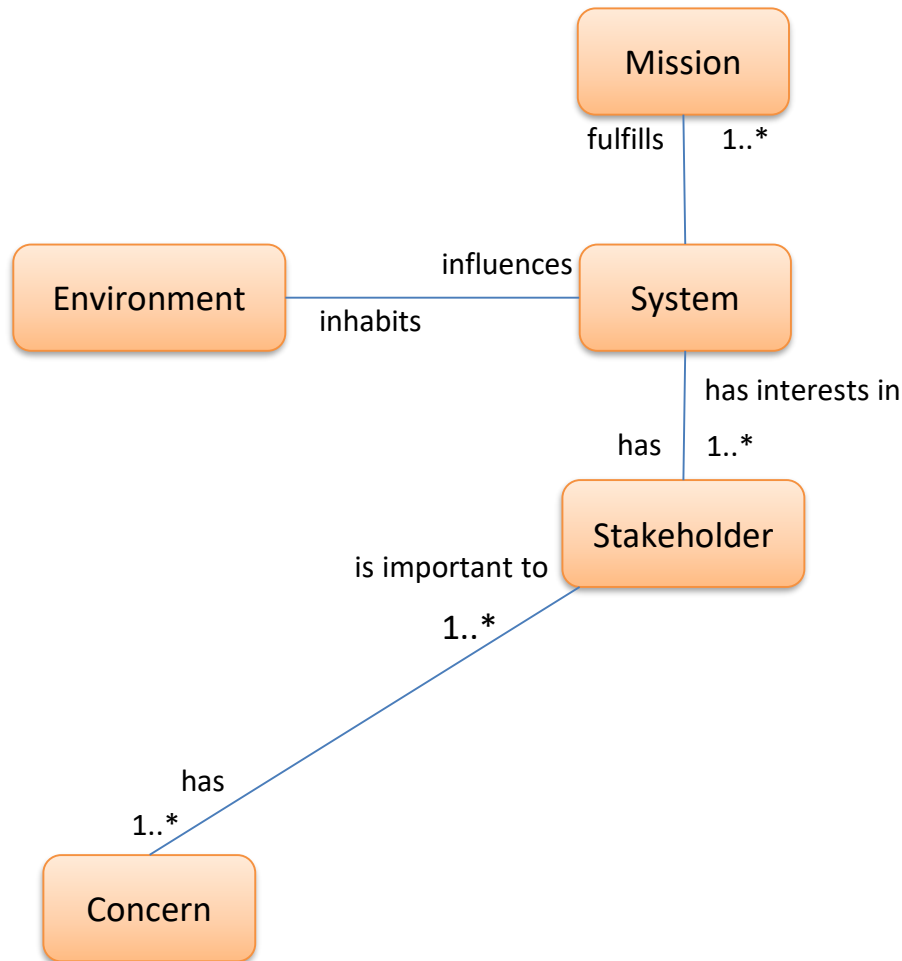
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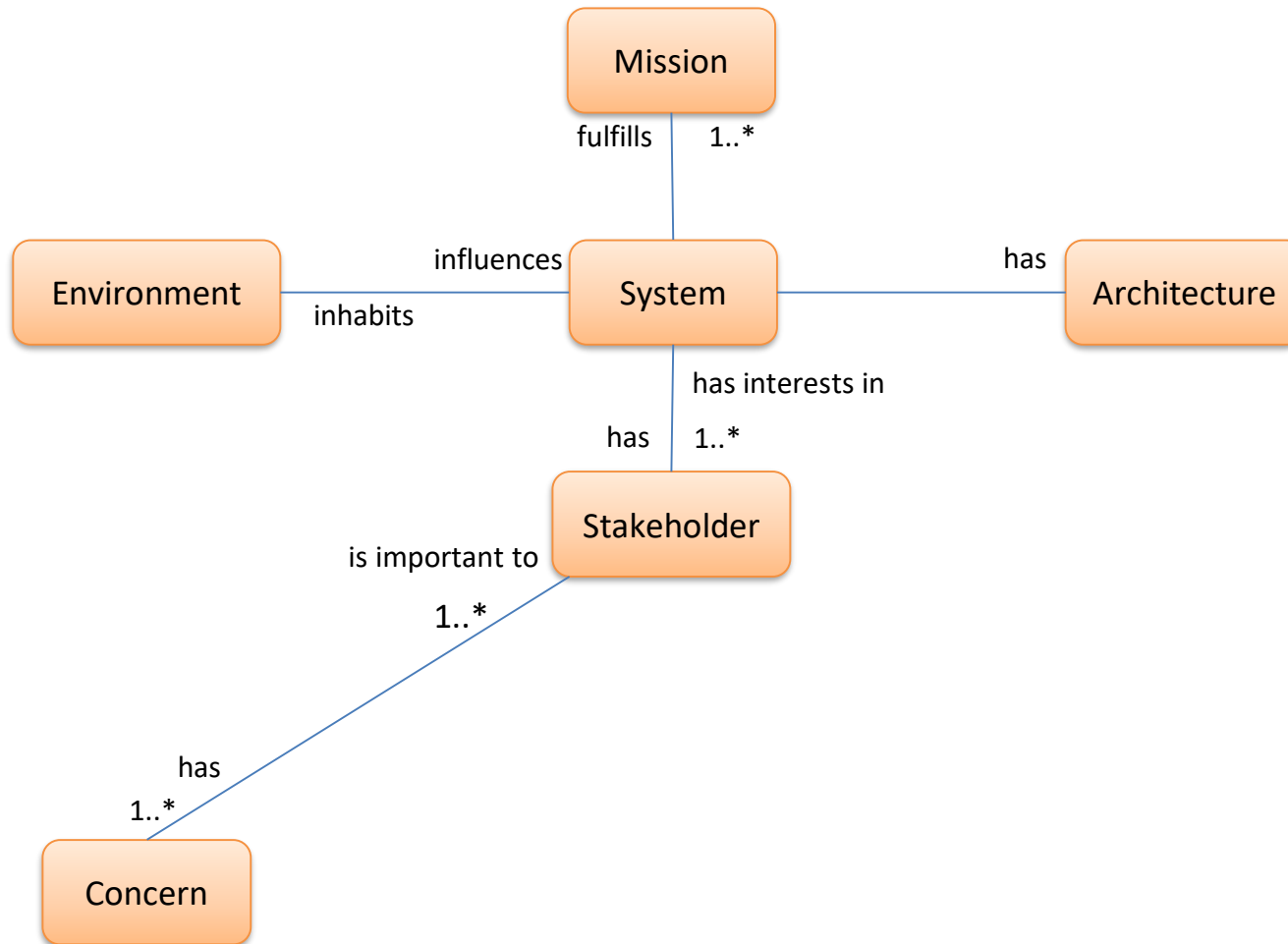
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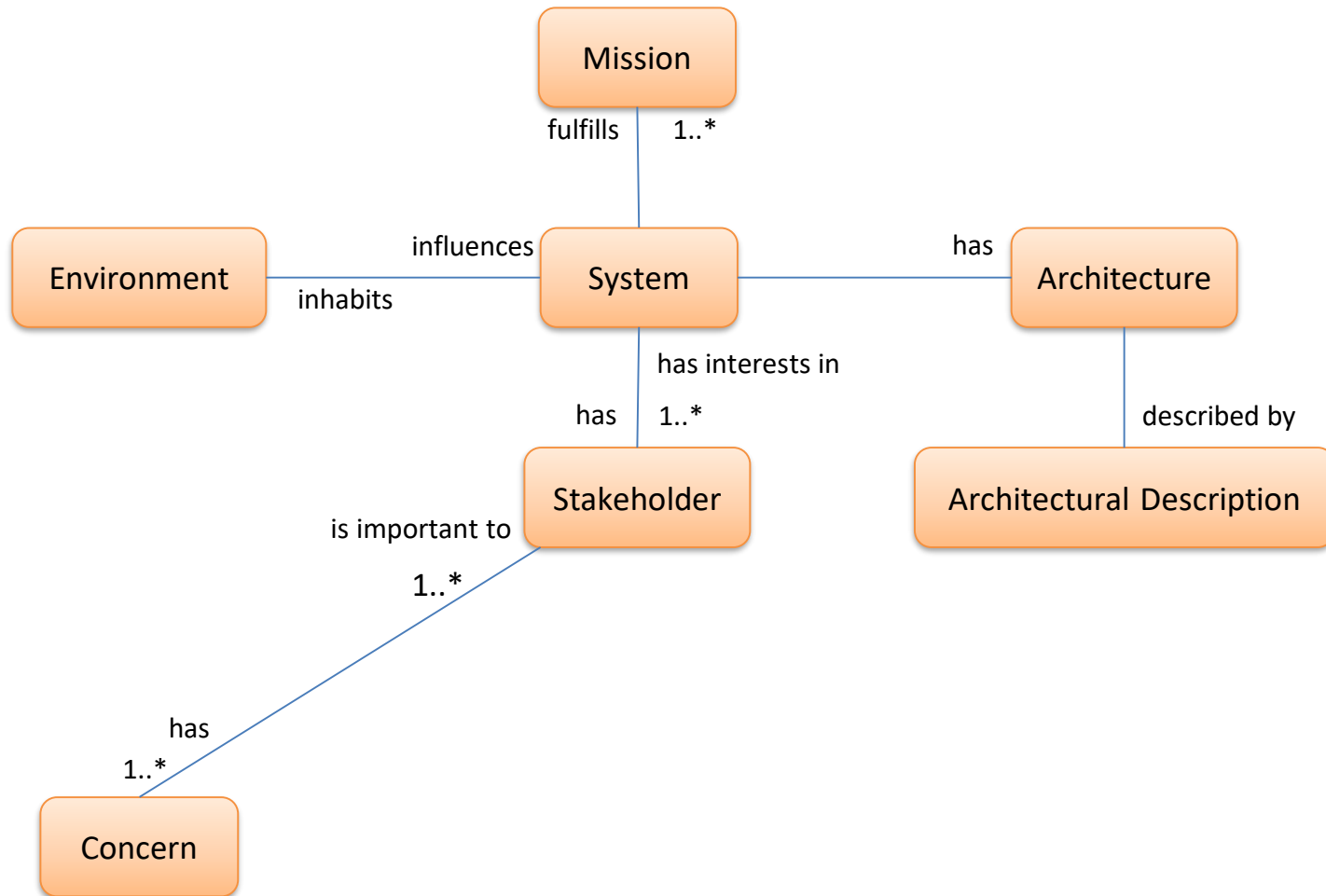
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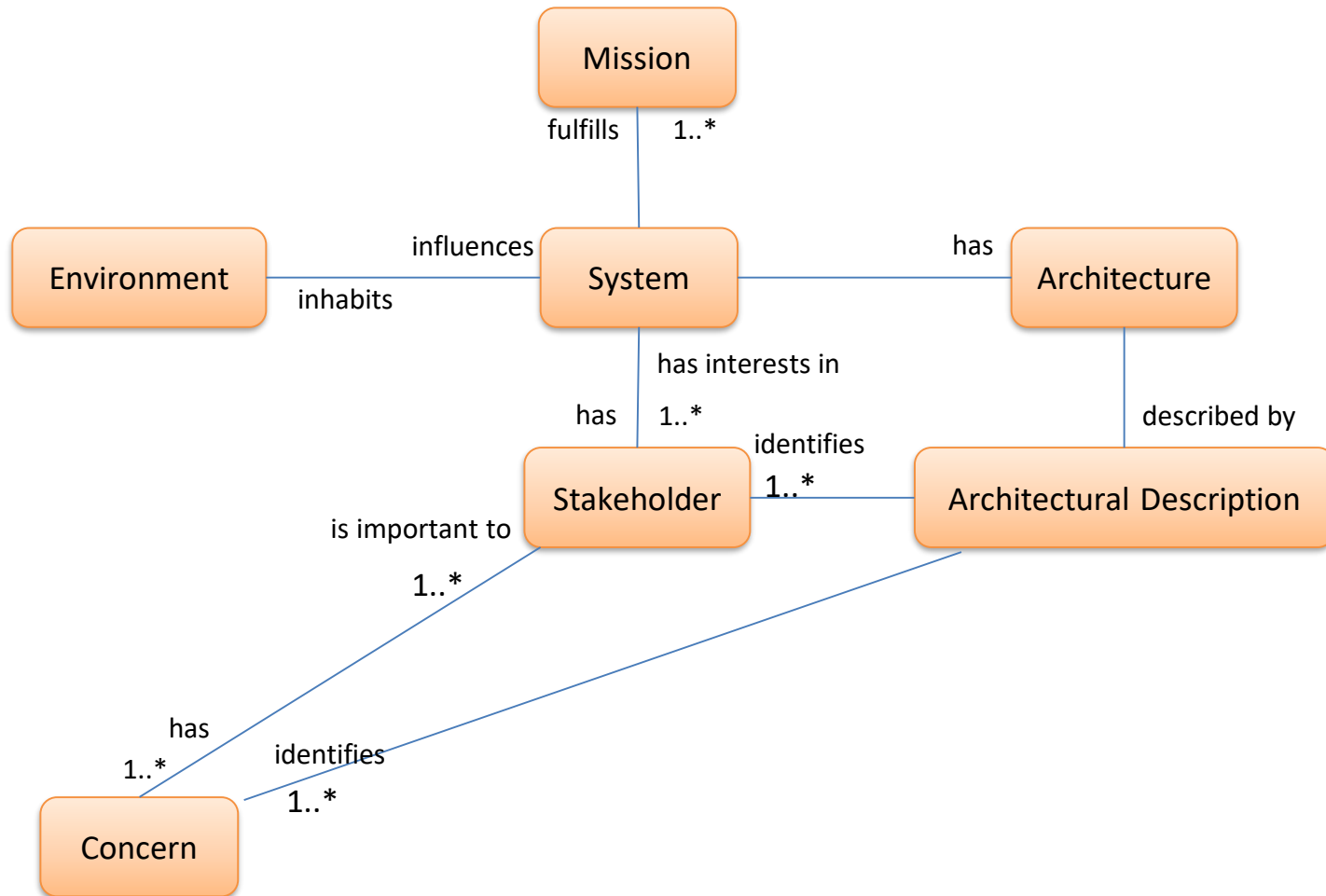
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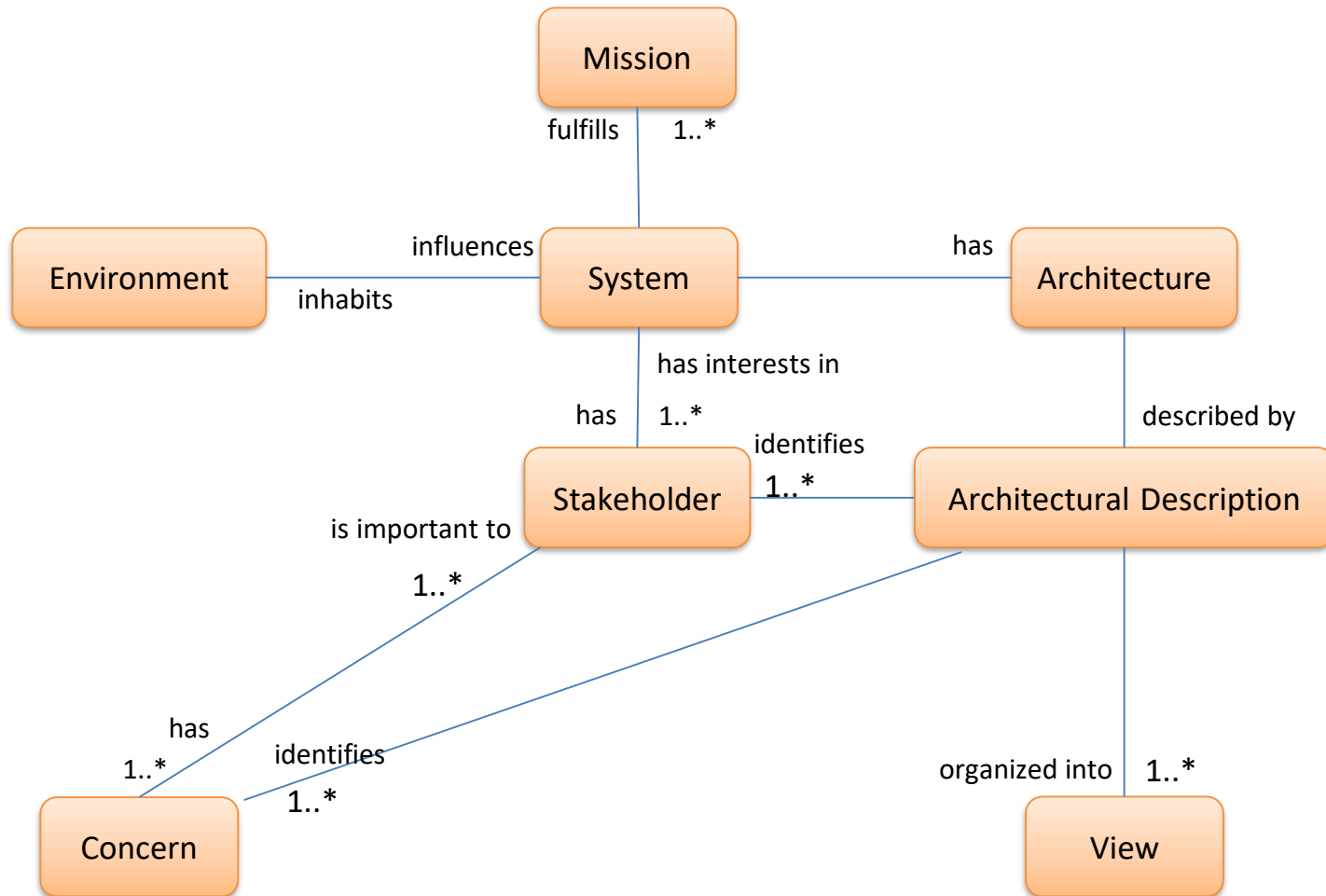
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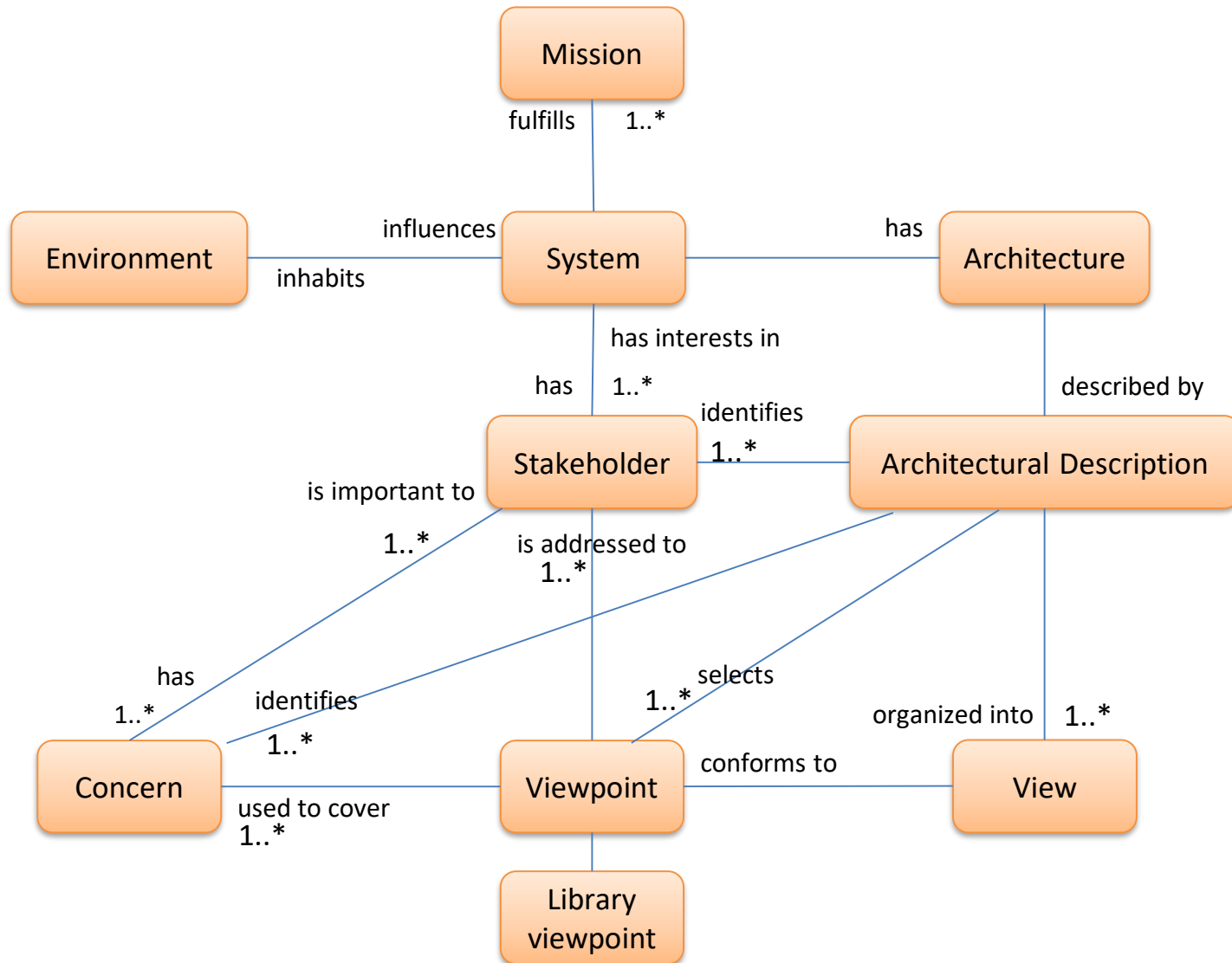
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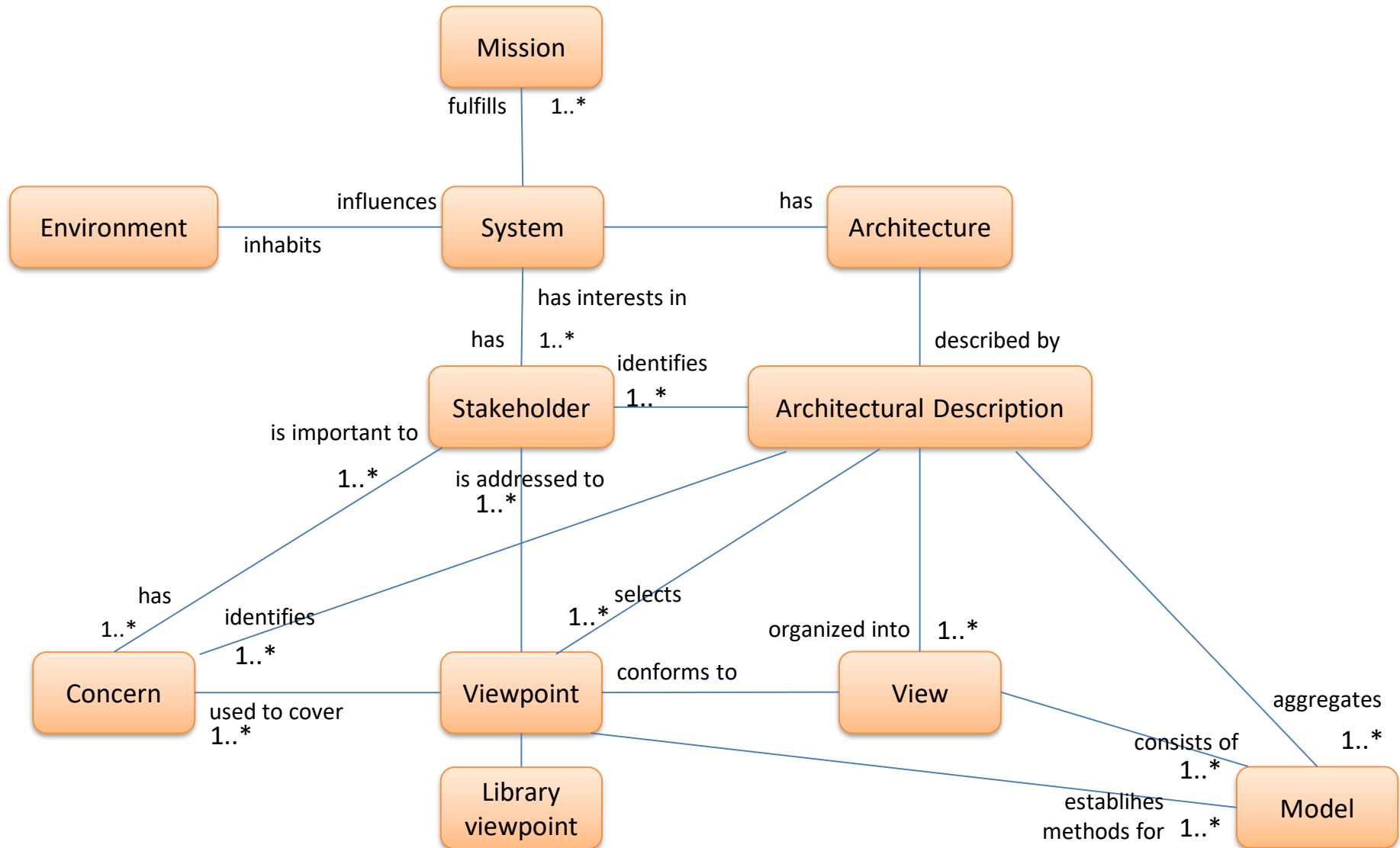
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The End

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