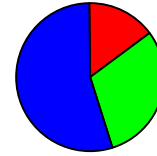


## Software Development Process

## Software Effort Types

- Coding
- Pre-coding
- Post-coding

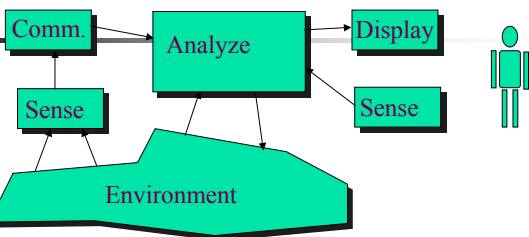


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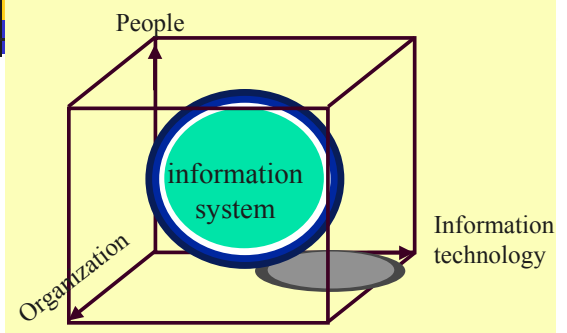
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## Information Systems

A set of interrelated information technology components integrated for the purpose of enhancing our understanding and control



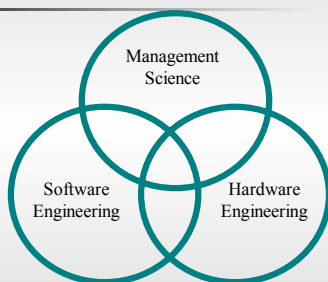
## Dimensions of I.S.



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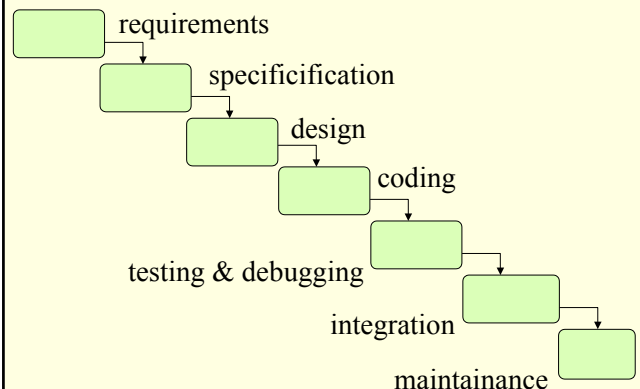
## Collaboration for IS

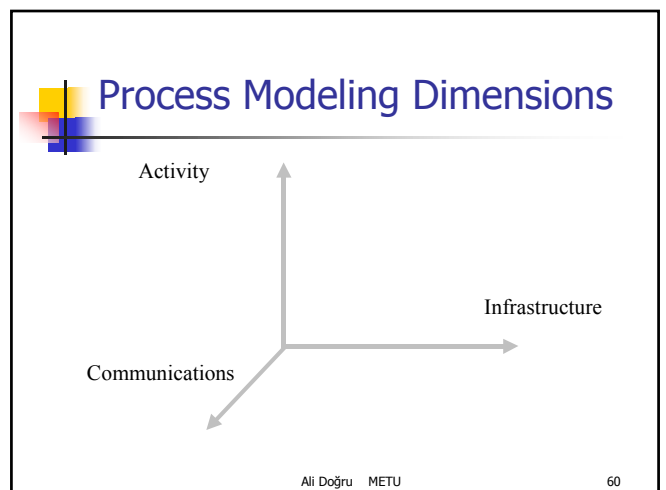
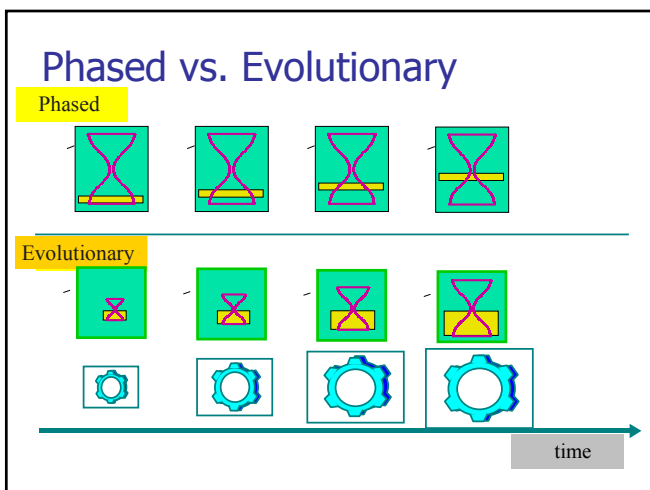
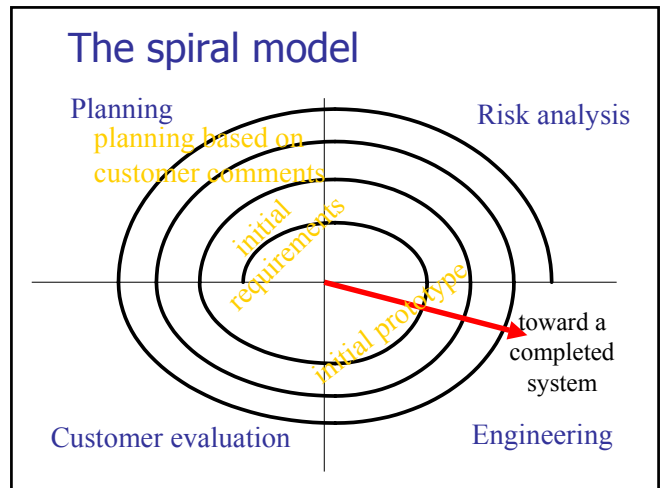
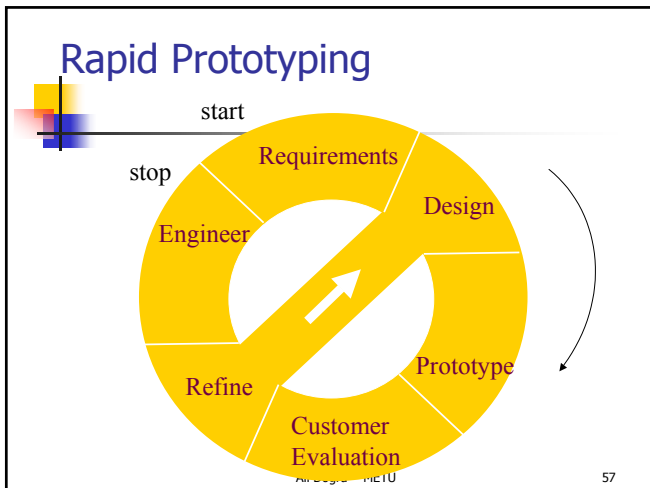
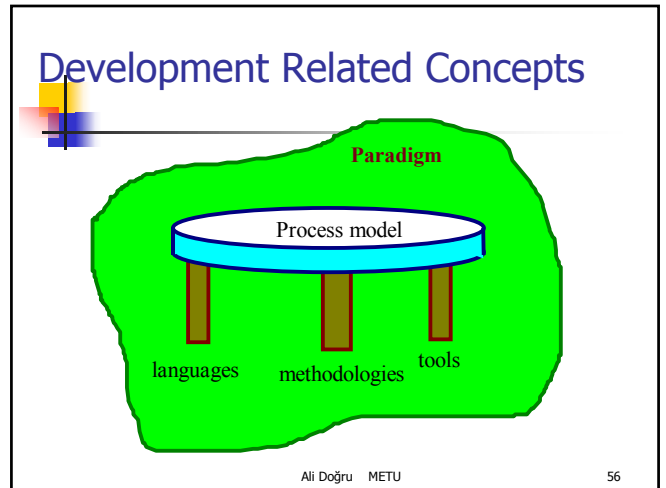
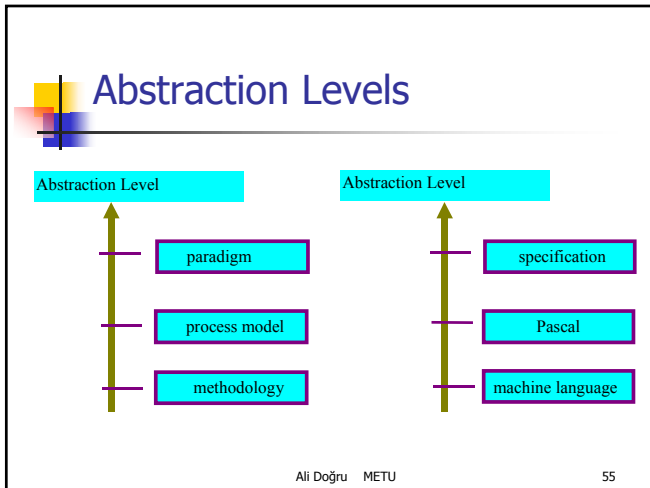


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## Lifecycle: Waterfall





## Overspecification

A vehicle to transport from point 'A' to 'B'.

May be this is the correct solution?

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## Specification tool requirements

informal entry

feedback

- structural break down
- data dependency
- interface dep.
- control dep.
- time dep.
- event flow

internal representation

## Next ?

1950 1960 1970 1980 1990 2000

Traditional Object Oriented Components?

Function Data Structure

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## Modeling Emphasis

Data

Object Oriented

Component Oriented

Structure

Function

Traditional

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