

Technology
Science
Information
Networks
Computing



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New Media Product Design and Development

Lecture 3. Detailed Design

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Part 01

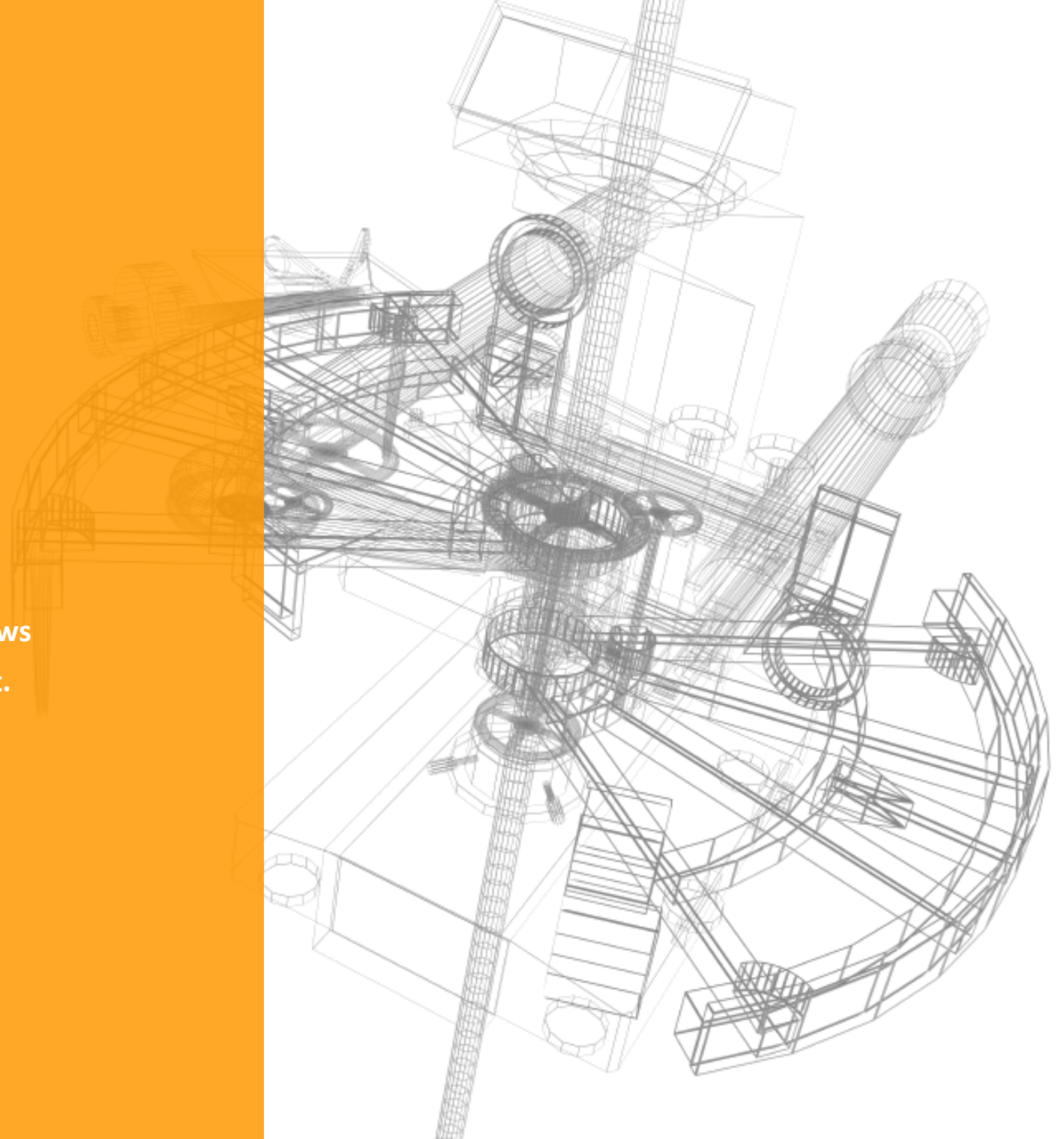
The process of
Detailed Design

What is detailed design?

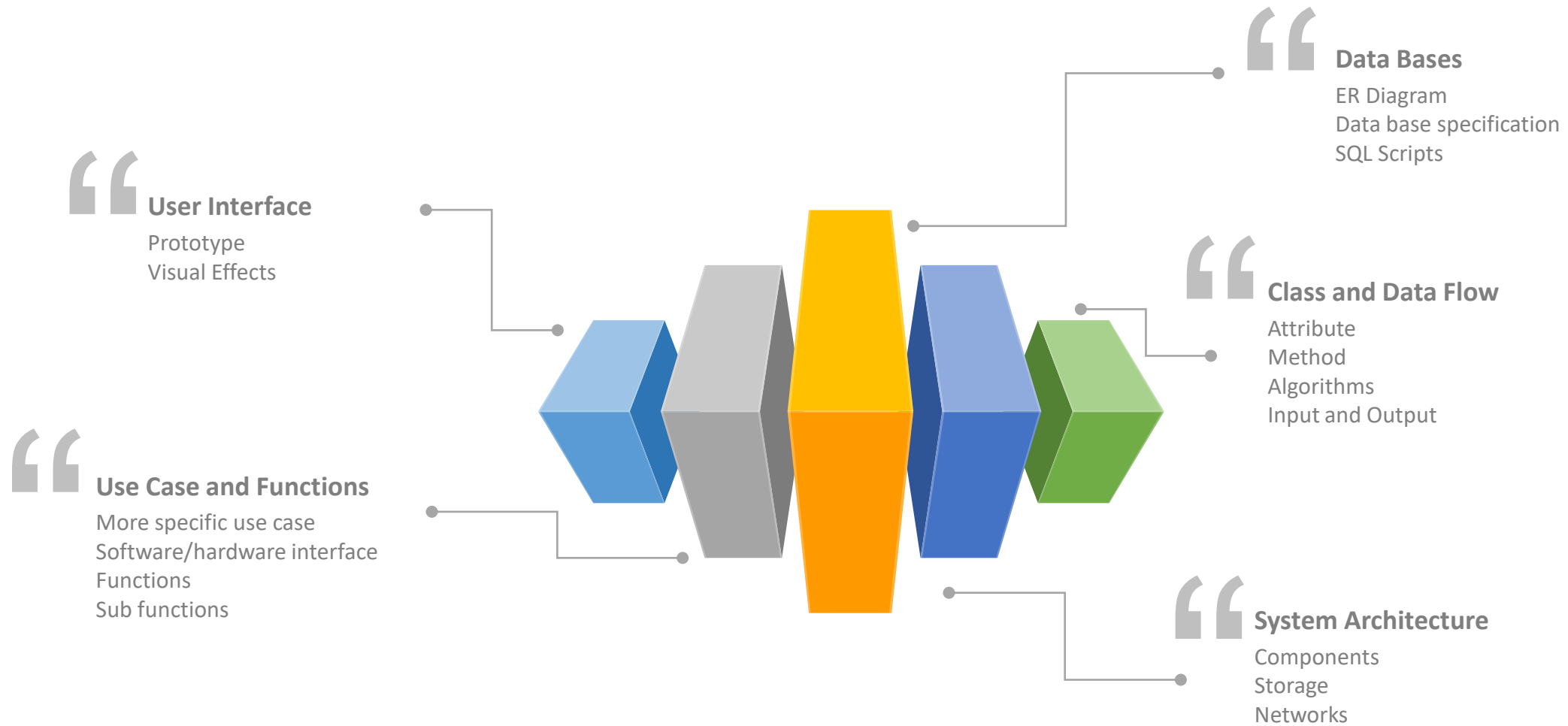


Detailed Design

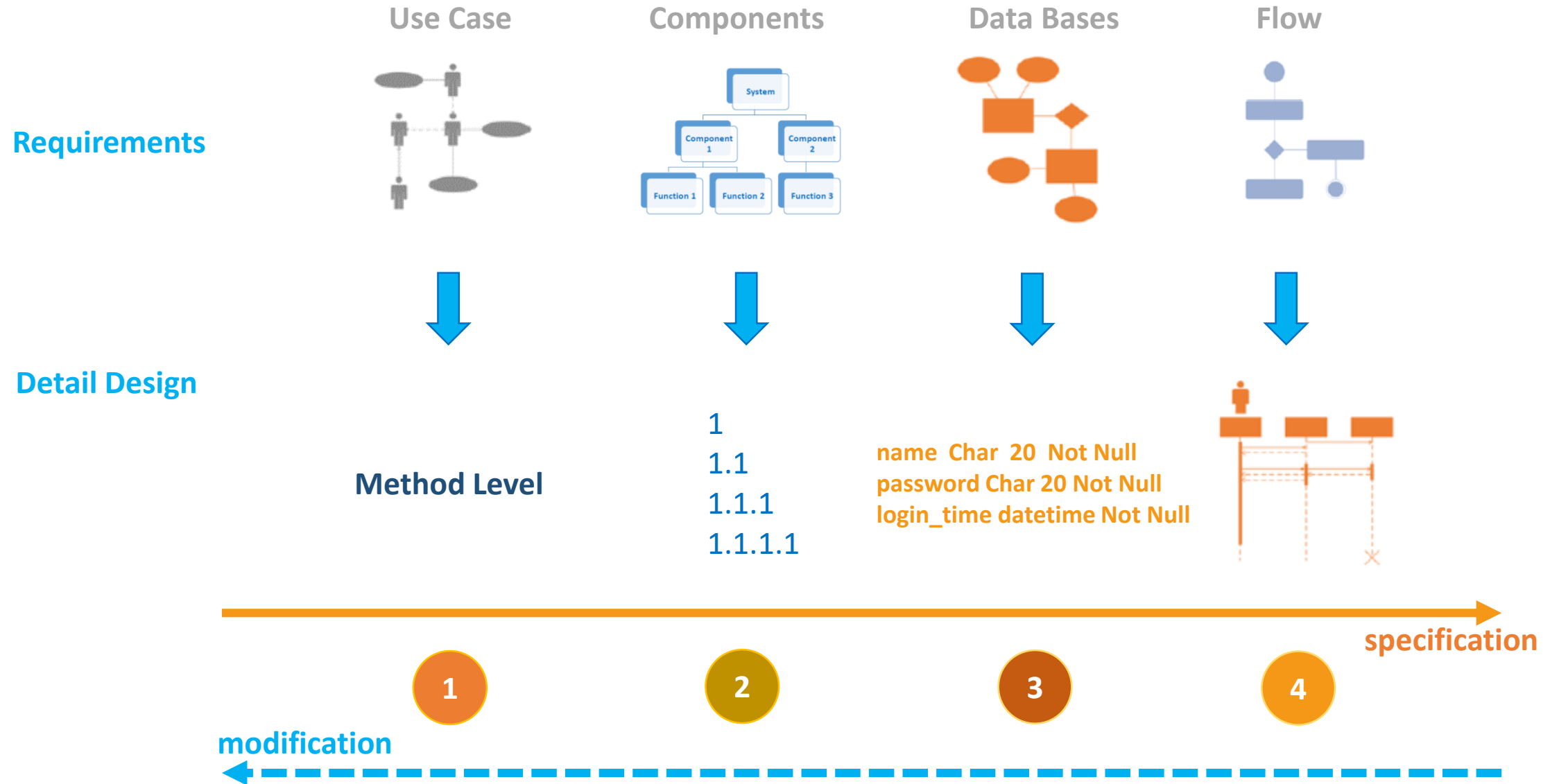
aims to spell out the
input/output,
architecture,
database,
user interface
and important data process flows
for each function in each component.



The most important in detailed design

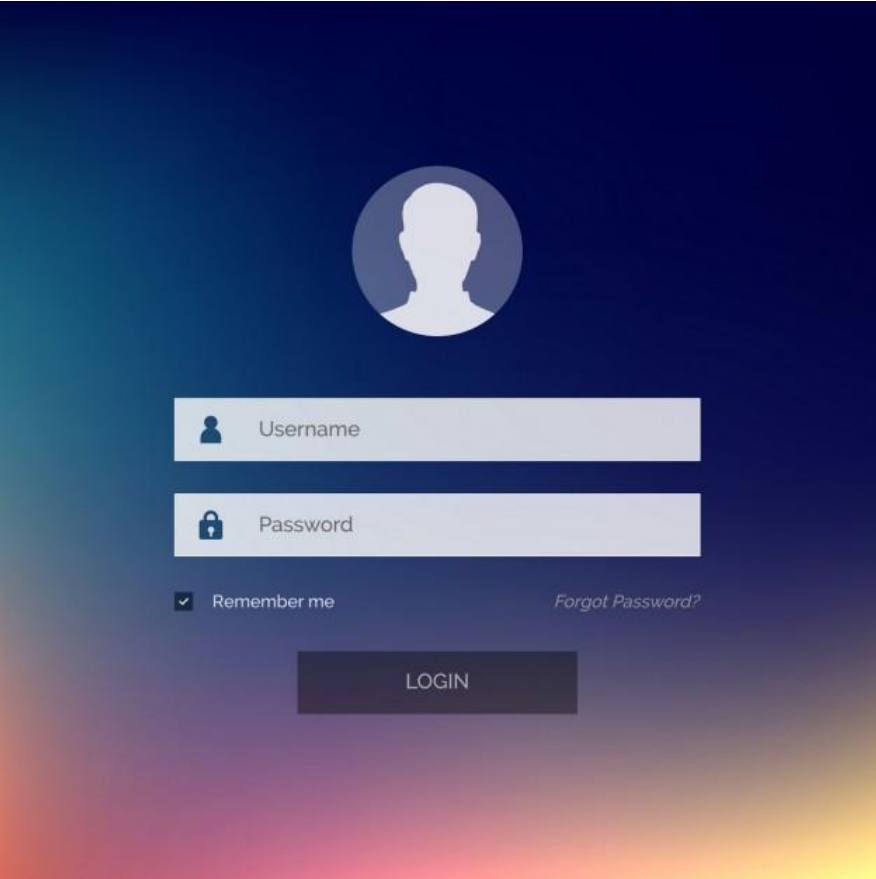


Upgrade from requirements

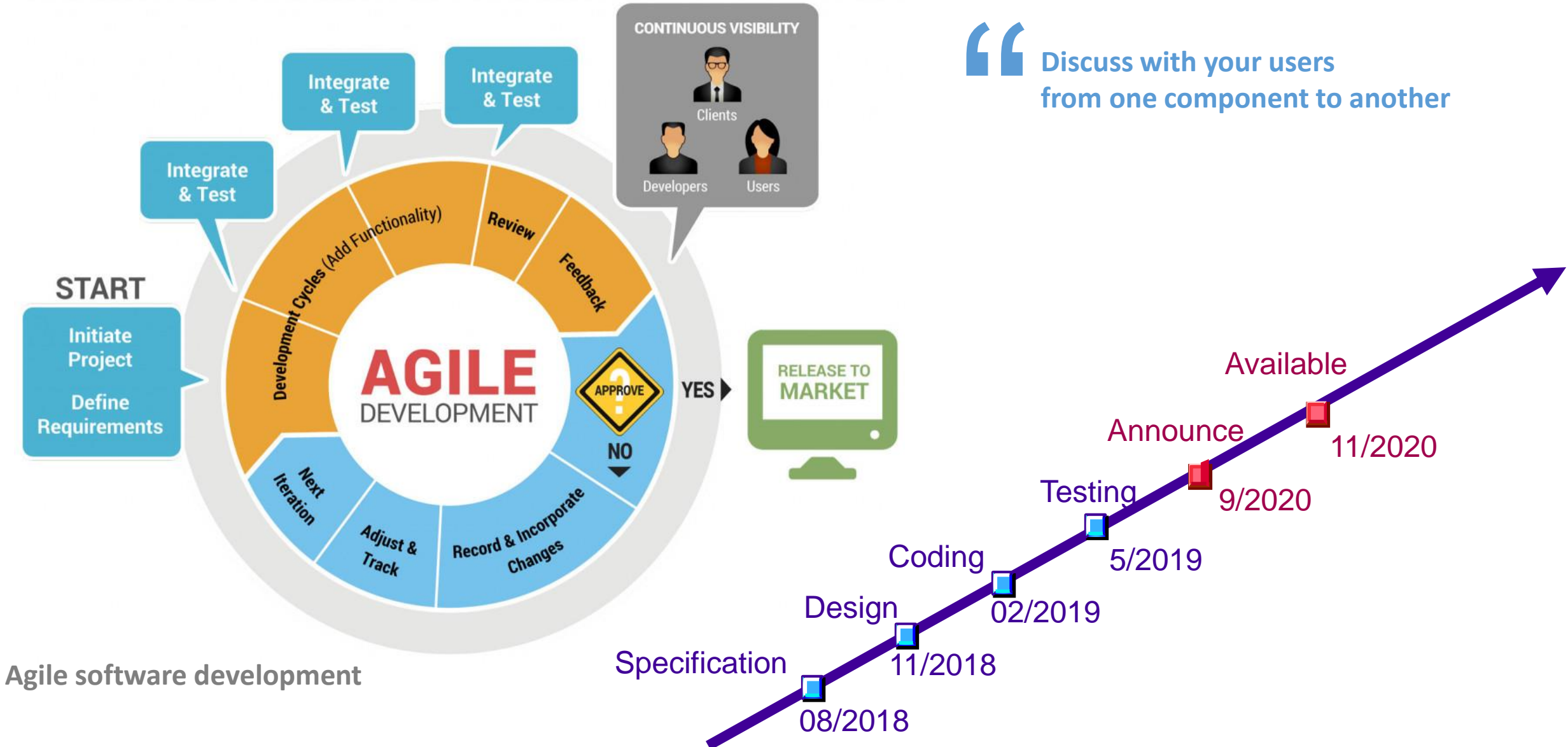


Start from a small unit

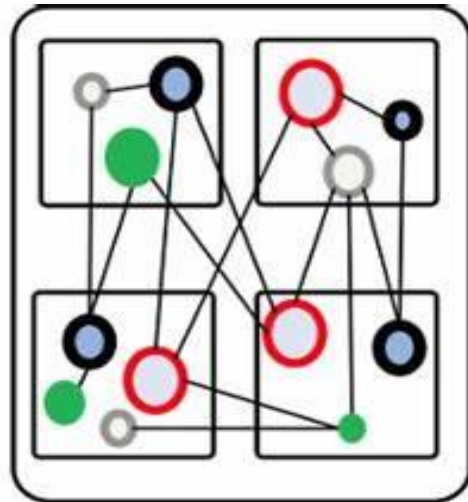
For example: Login



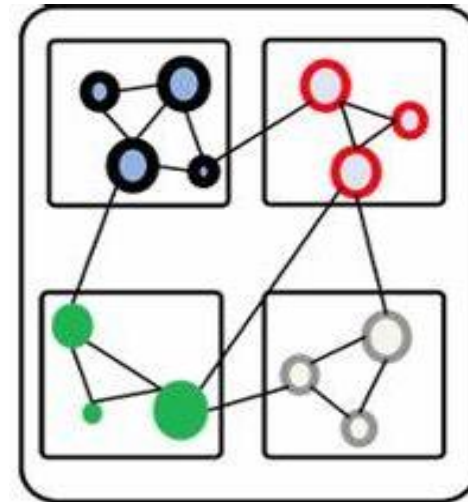
Keep in touch with your users according to the deadline of milestones



Low coupling and high cohesion



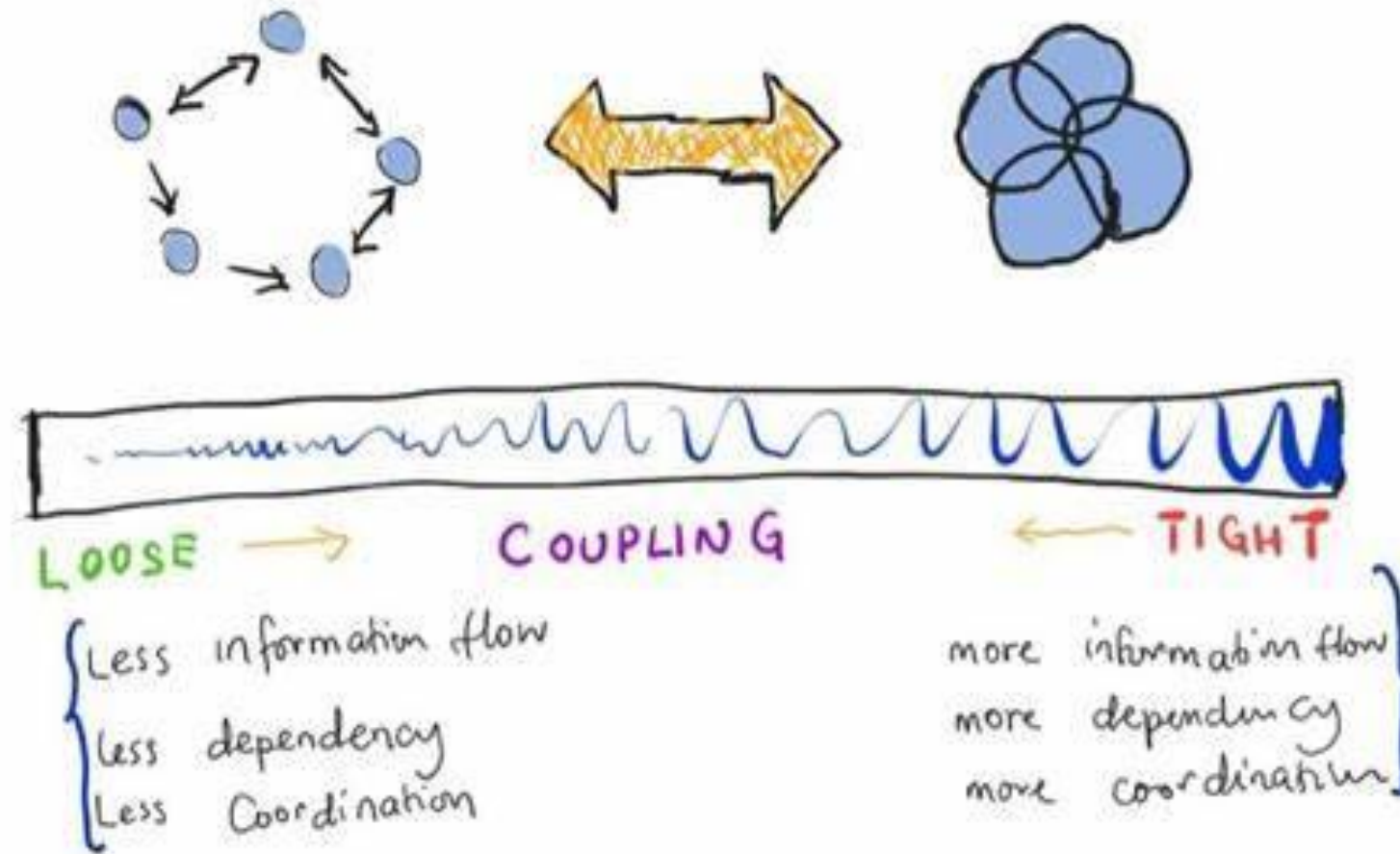
<High Coupling, Low Cohesion>



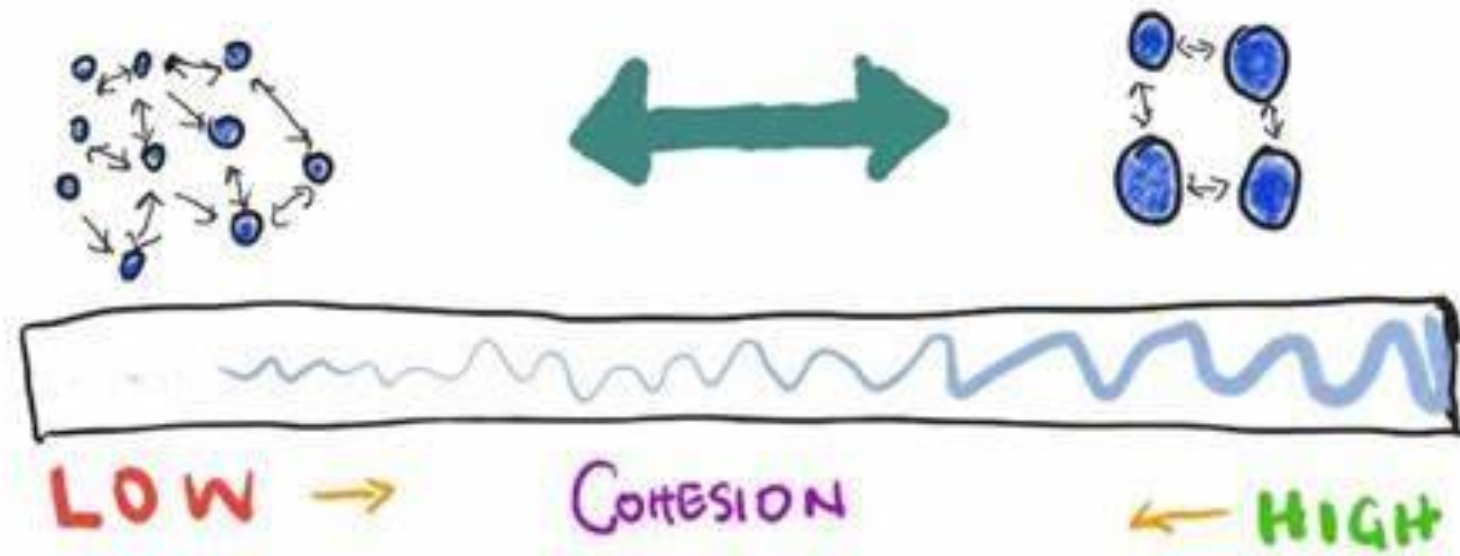
<Low Coupling, High Cohesion>

A measurement to the quality of software design

Advantages of low coupling

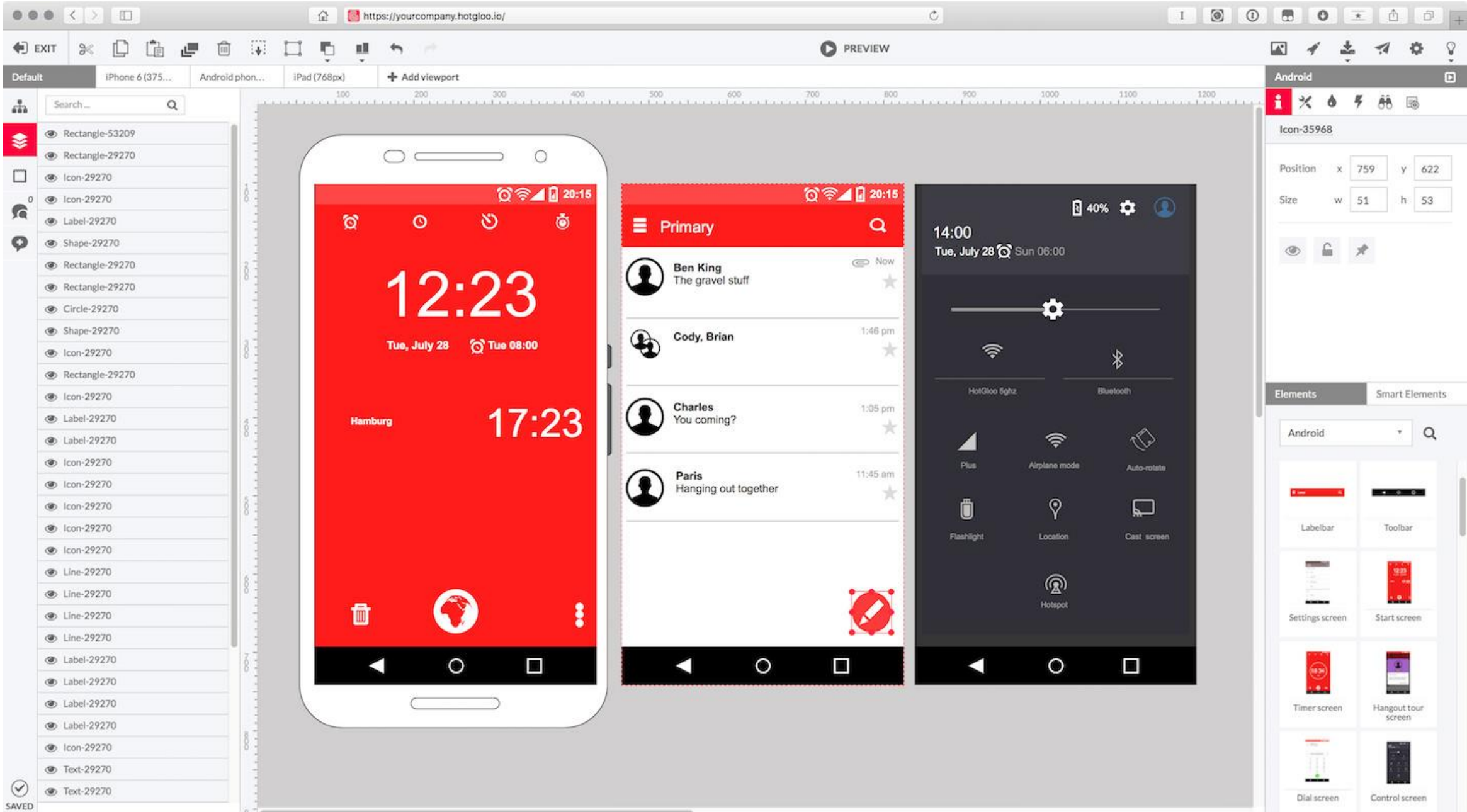


Advantages of high cohesion



- | | | | |
|---|-----------------------|----------------------|---|
| { | difficult to maintain | ease of maintainance | } |
| | difficult to test | easy to test | |
| | difficult to reuse | easy to reuse | |

Prototype and user confirmation



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Lecture 3-1. The End

THANK YOU

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