Technology Science nformation Networks Computing



Lecturer: Ting Wang (王挺)

利物浦大学计算机博士 清华大学计算机博士后 电子信息技术高级工程师 上海外国语大学网络与新媒体副教授 浙江清华长三角研究院海纳认知与智能研究中心主任

Jew Media Product Design and Development

Lecture 3. Detailed Design

Dr. Ting WANG



School of Journalism and Communication
Shanghai International Studies University



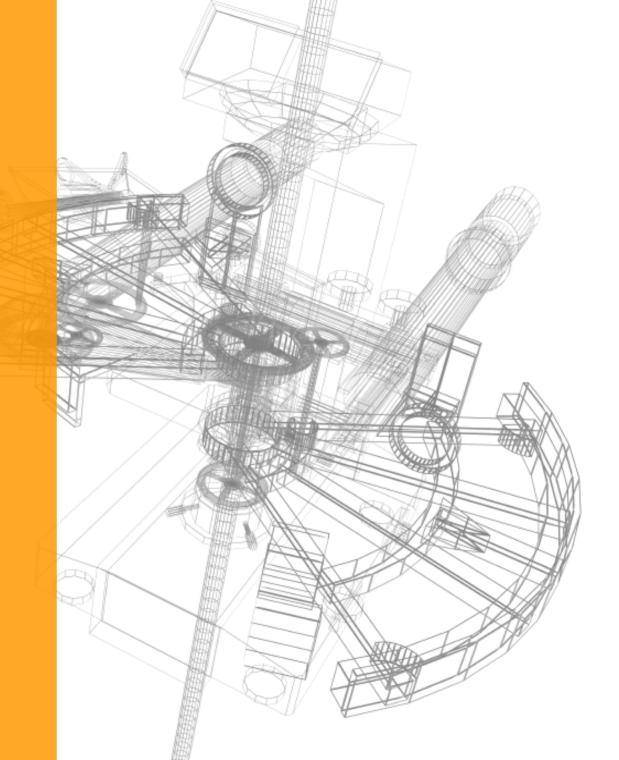
Haina Cognition and Intelligence Research Center Yangtze Delta Region Institute of Tsinghua University, Zhejiang

Part 01 The process of Detailed Design

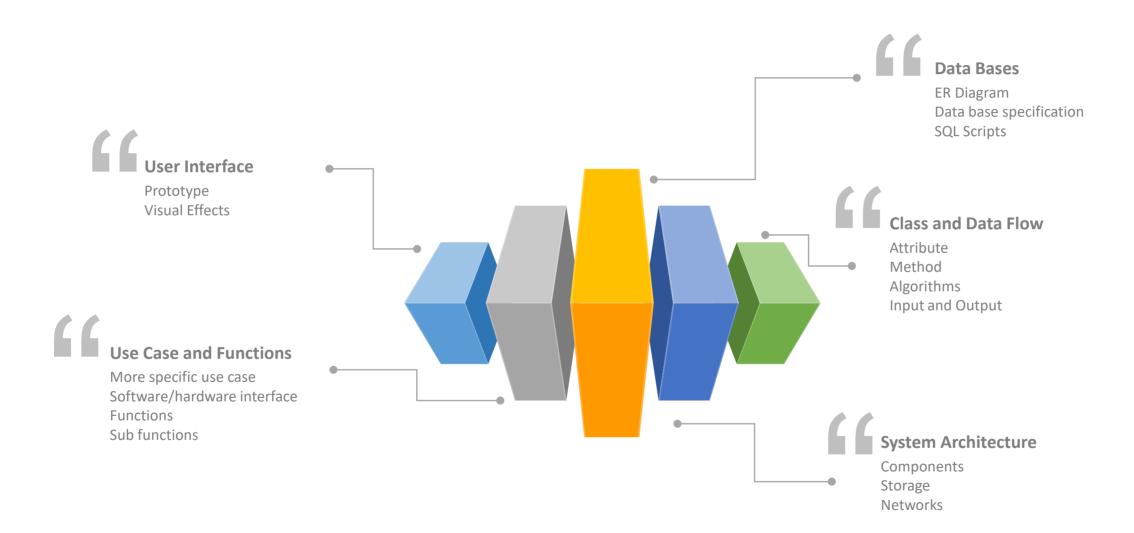
What is detailed design?

Detailed Design

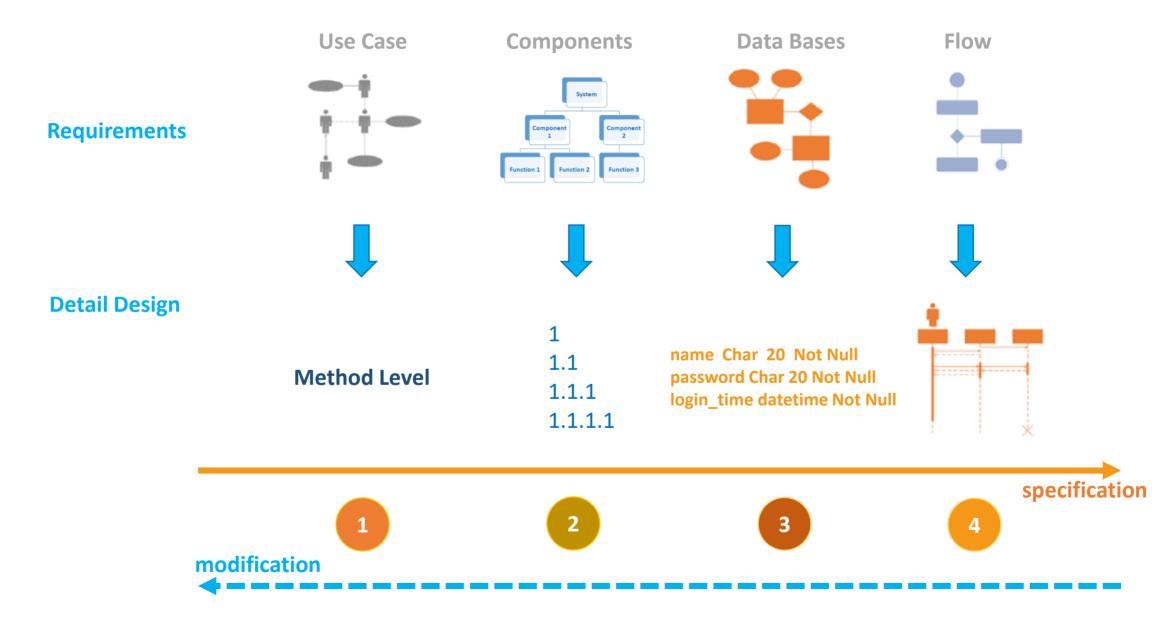
aims to spell out the input/output, architecture, database, user interface and important data process flows for each function in each component.



The most important in detailed design

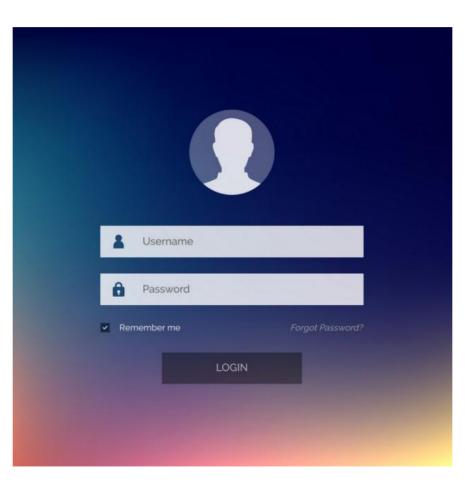


Upgrade from requirements

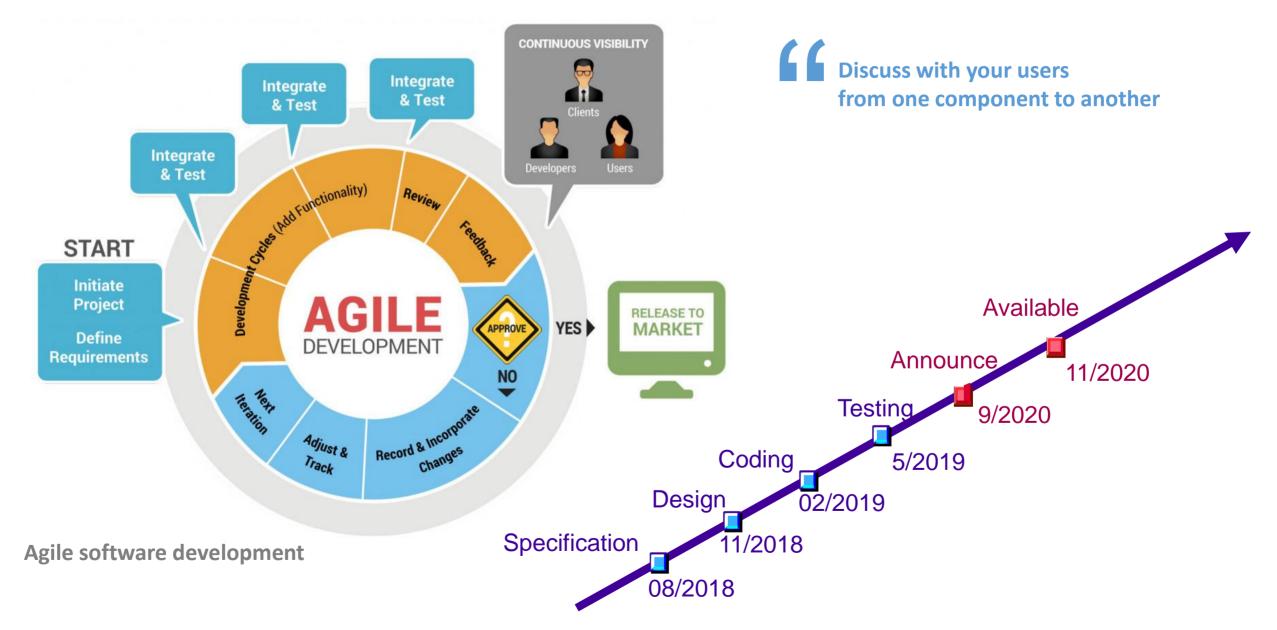


Start from a small unit

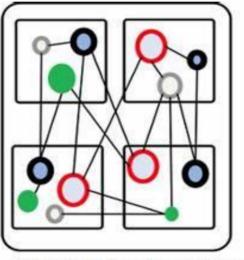
For example: Login



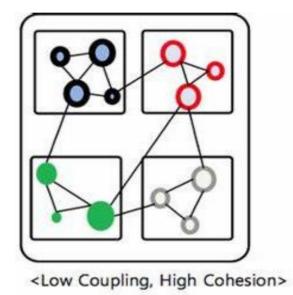
Keep in touch with your users according to the deadline of milestones



Low coupling and high cohesion

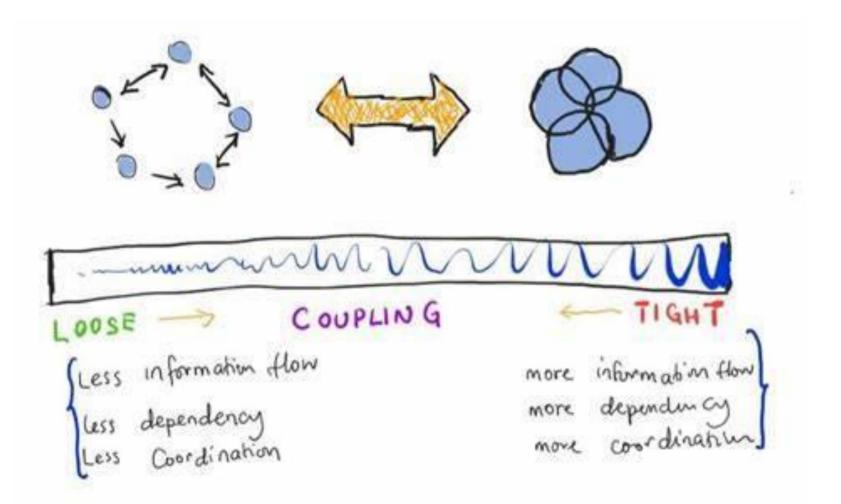


<High Coupling, Low Cohesion>

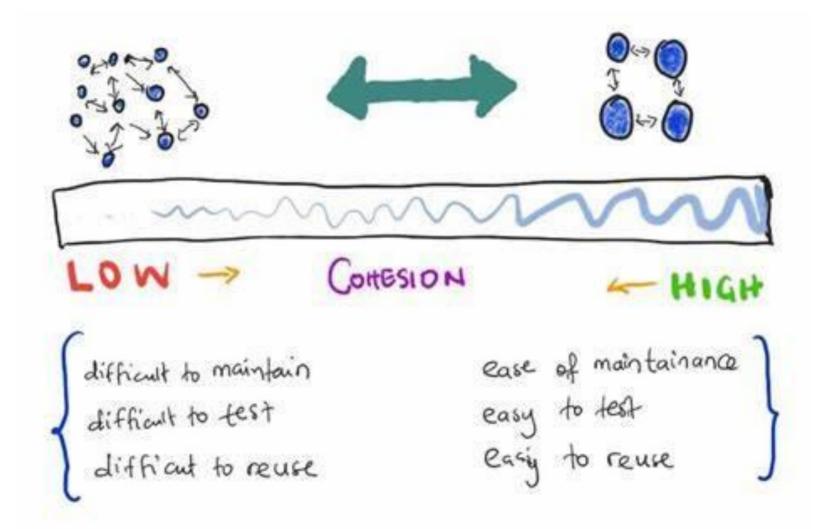


A measurement to the quality of software design

Advantages of low coupling



Advantages of high cohesion



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Prototype and user confirmation

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