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精益敏捷实施的规模化

何勉





2 产品开发的第一性原理

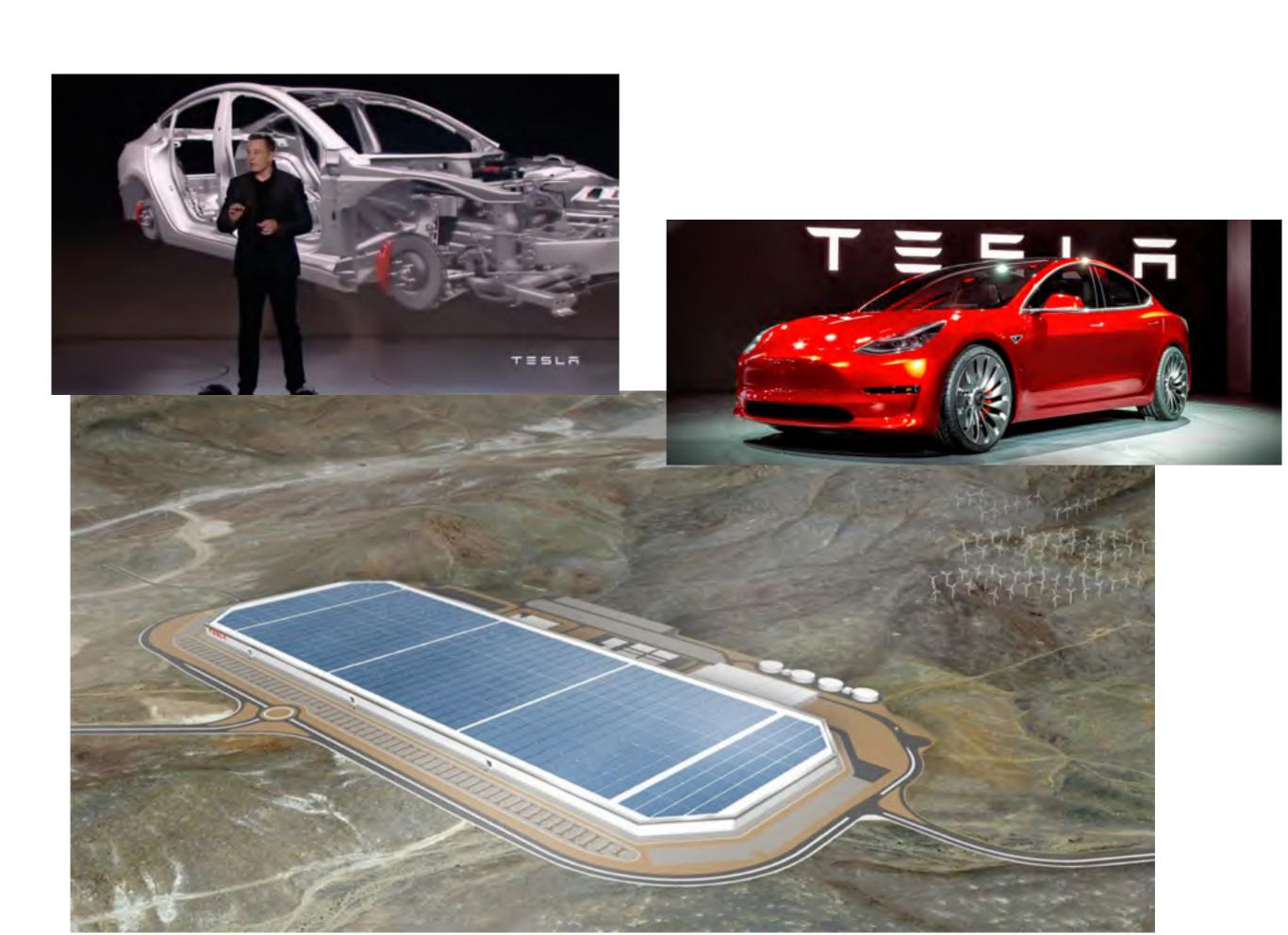
3 精益和敏捷的规模化路径

4 从第一性原理反馈规模化的效果



"First principles" is a physics way of looking at the world...what that really means is that you boil things down to the most fundamental truths...and then reason up from there...

—Elon Musk







类比思维	电池的成本超过 600 \$ / 千瓦时,而且很难降低
第一性原理	构成电池的基本原材料是什么?它们的成本是多少。 我们的任务就是无限逼近材料的成本

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## 任何组织的绩效都只在外部反映出来

- 管理存在的目的是帮助组织取得成效;
- 它的责任是协调资源取得成效

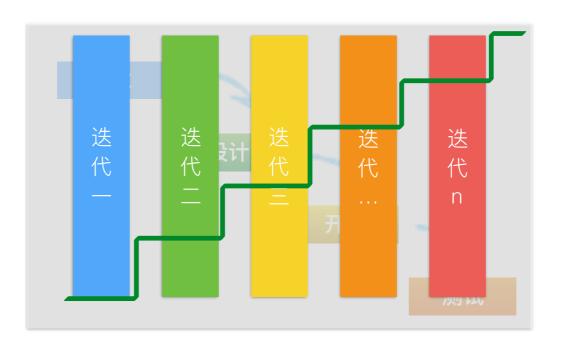
——德鲁克《21世纪的管理挑战》

# 顺畅、高质量的交付有用的价值

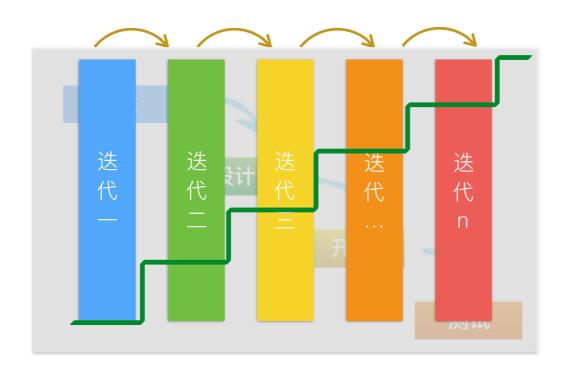




Scrum

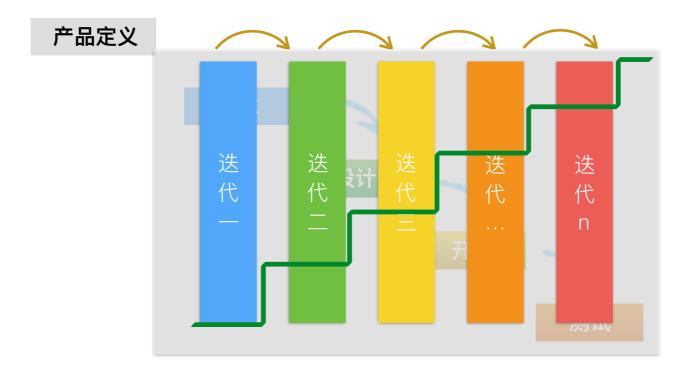


Scrum



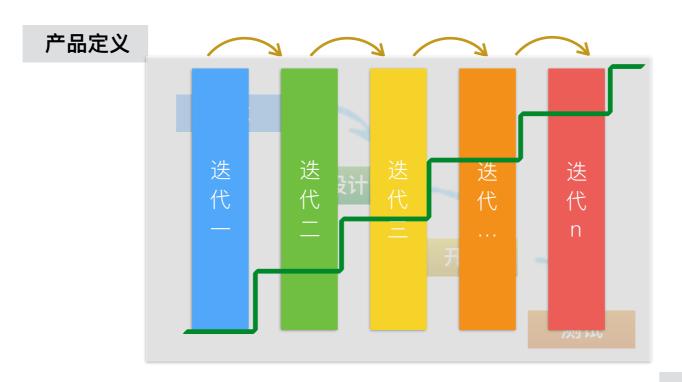
**Scrum** 

### 业务规划



### Scrum

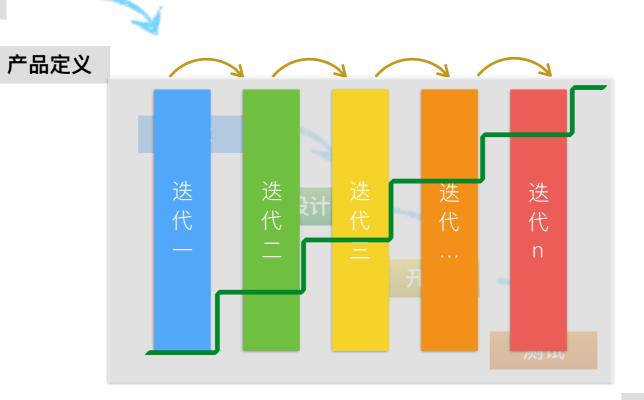
### 业务规划



实施

Scrum

### 业务规划



实施

Scrum

### 业务规划



实施

Scrum

### 业务规划



实施

Water- Scrum - Fall

#### 业务规划

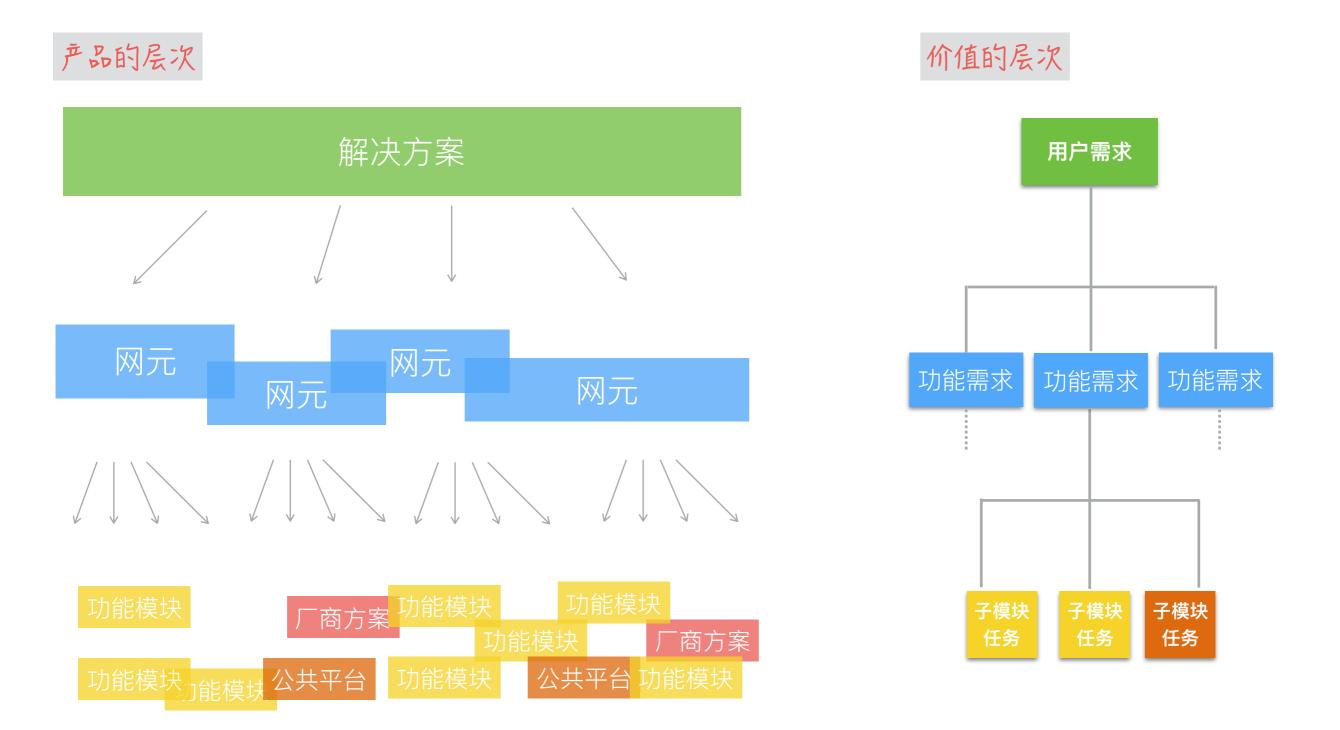


实施

Water- Scrum - Fall

验证

. . .



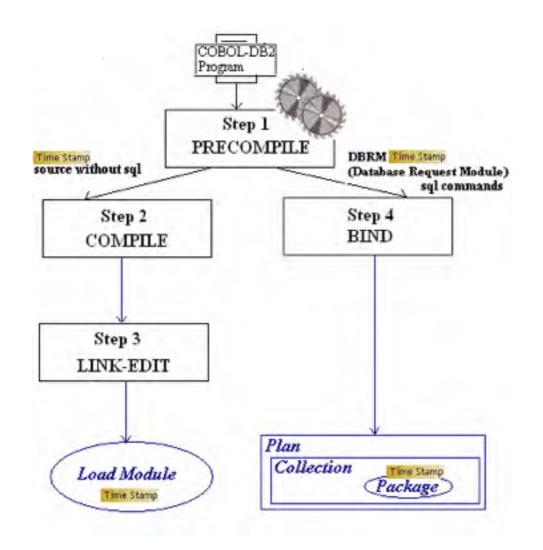
现实: 单个团队的实施也无法交付完整的客户价值

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3 Person, 3 Steps



5 Person, 5 Steps





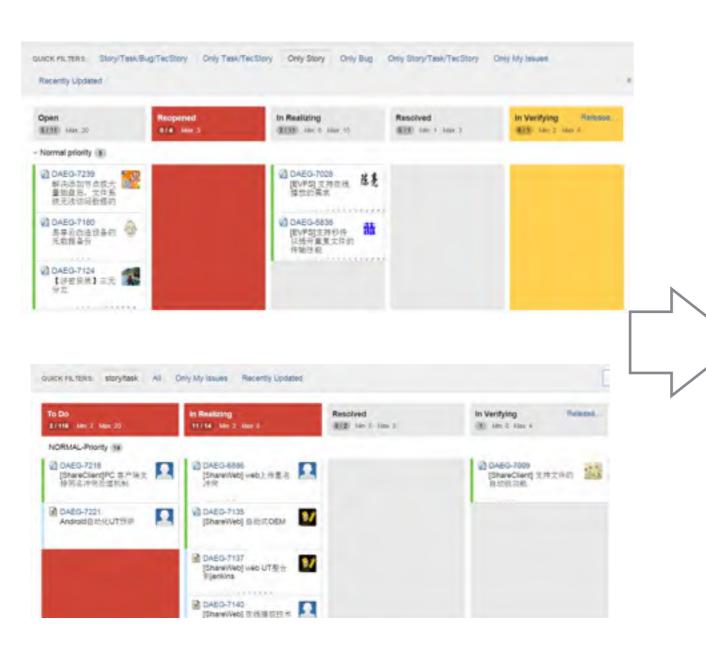
"这一年多,我对 VAX 始终抱有一种恐惧感",事后的一个晚上,韦斯特在四九五公路上开车时说,"我心里一直没个底。VAX 在市面上叫得很响,因此我想看看自己到底落后到什么程度。我看到他们的机器笨重而昂贵,就像吃了一颗定心丸。它使我坚定了采取一些措施的信心。

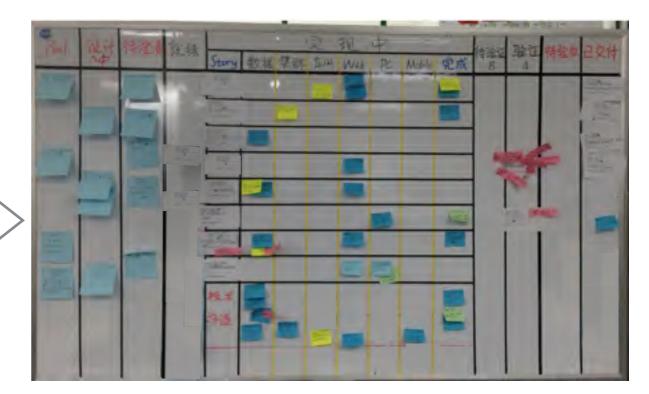
韦斯特觉得从 VAX 身上窥见了 DEC 自身的企业结构、VAX 过于复杂了。例如,他对 VAX 机器各部分的连接方式就很不以为然,呆板、单调,并且毫无韵味。VAX 身上映射出 DEC 公司自身结构的许多弱点。从 VAX 身上可以找

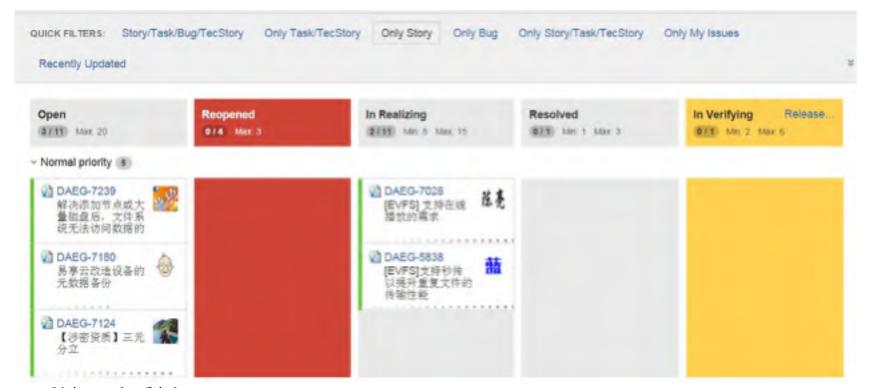
## 避免从组织结构规模化开始

规模化应该被实际的业务需要驱动

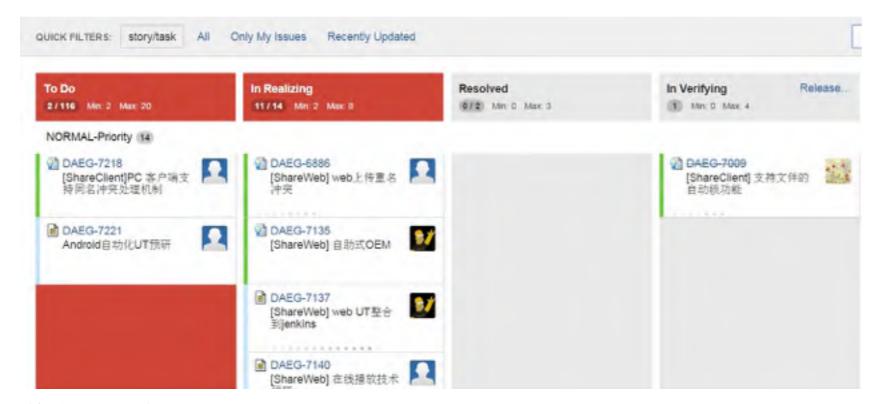
# 融合







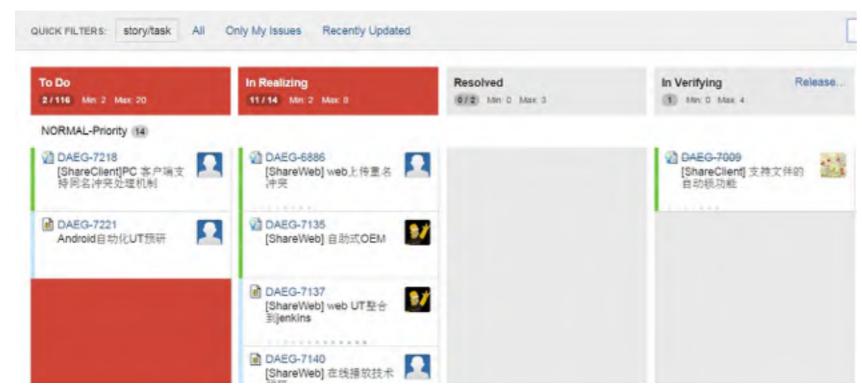
后端团队看板



前端团队看板



后端团队看板

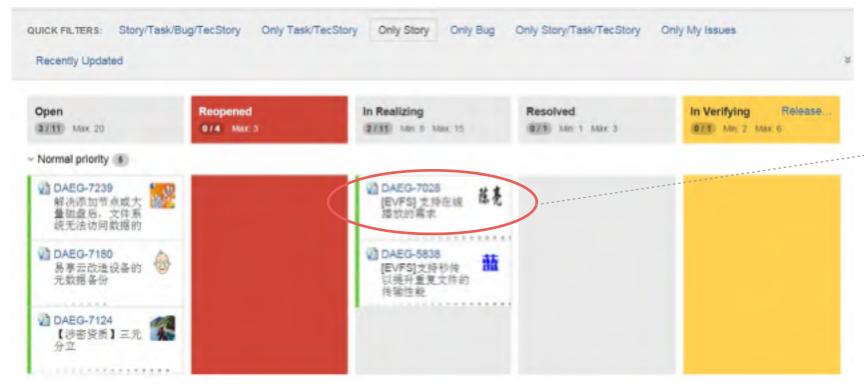


前端团队看板

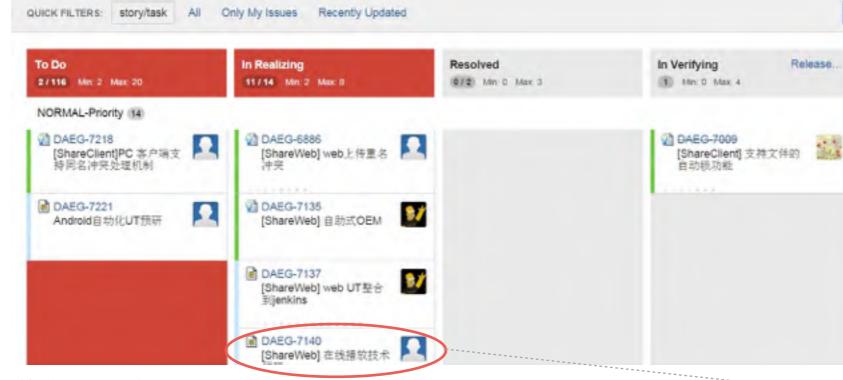
#### **DAEG-7028**

陈亮

[EVFS] 支持在线 播放的需求



后端团队看板



前端团队看板

#### **DAEG-7028**

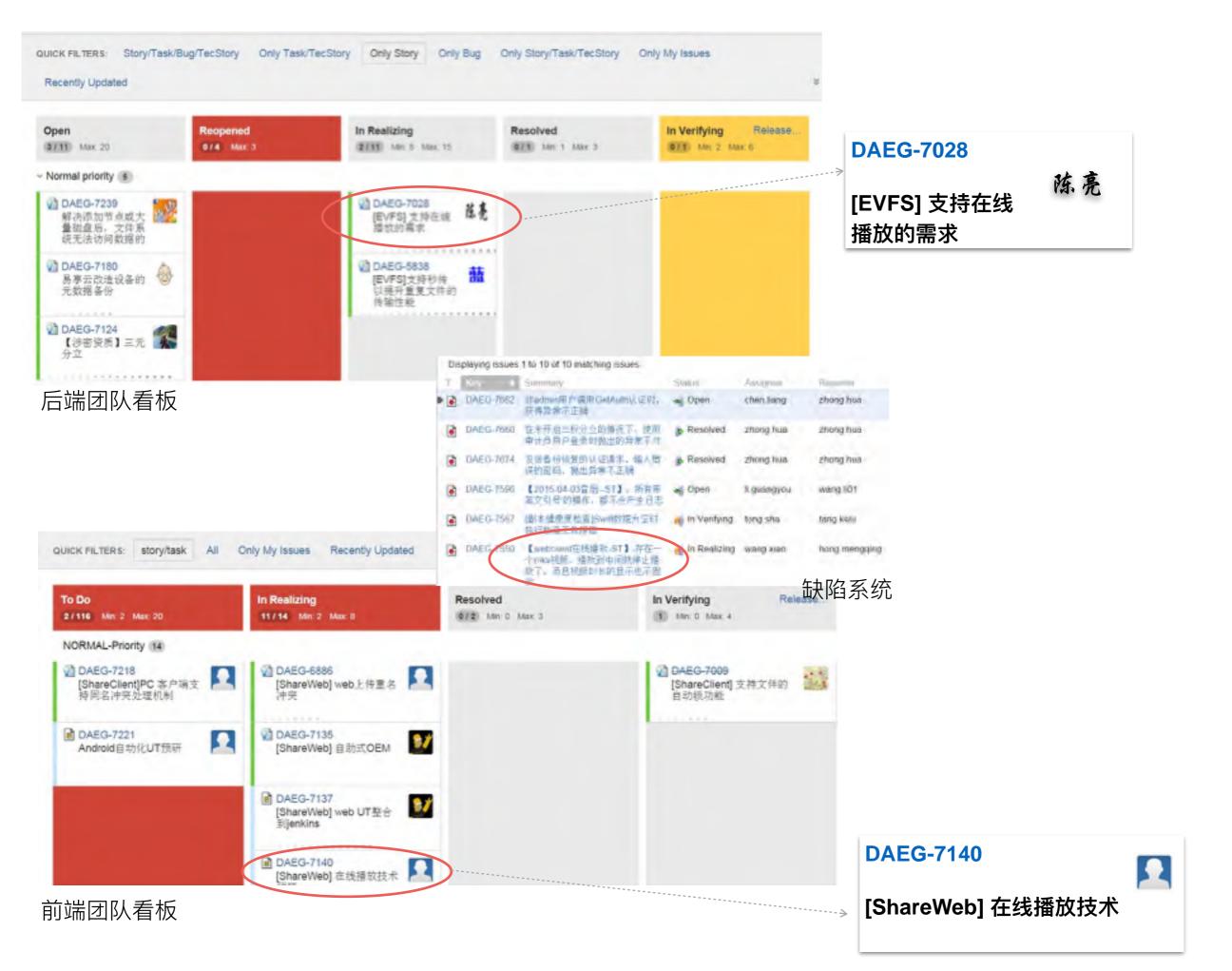
陈亮

[EVFS] 支持在线播放的需求

**DAEG-7140** 

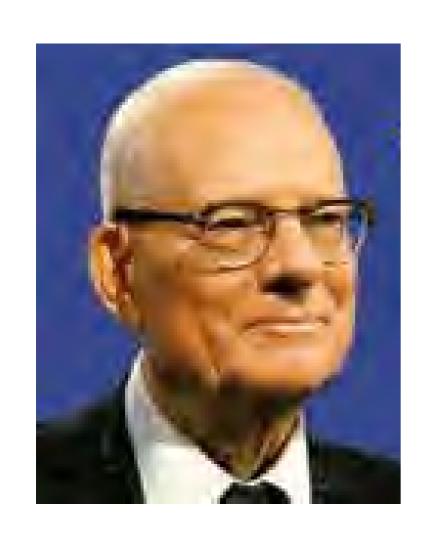


[ShareWeb] 在线播放技术





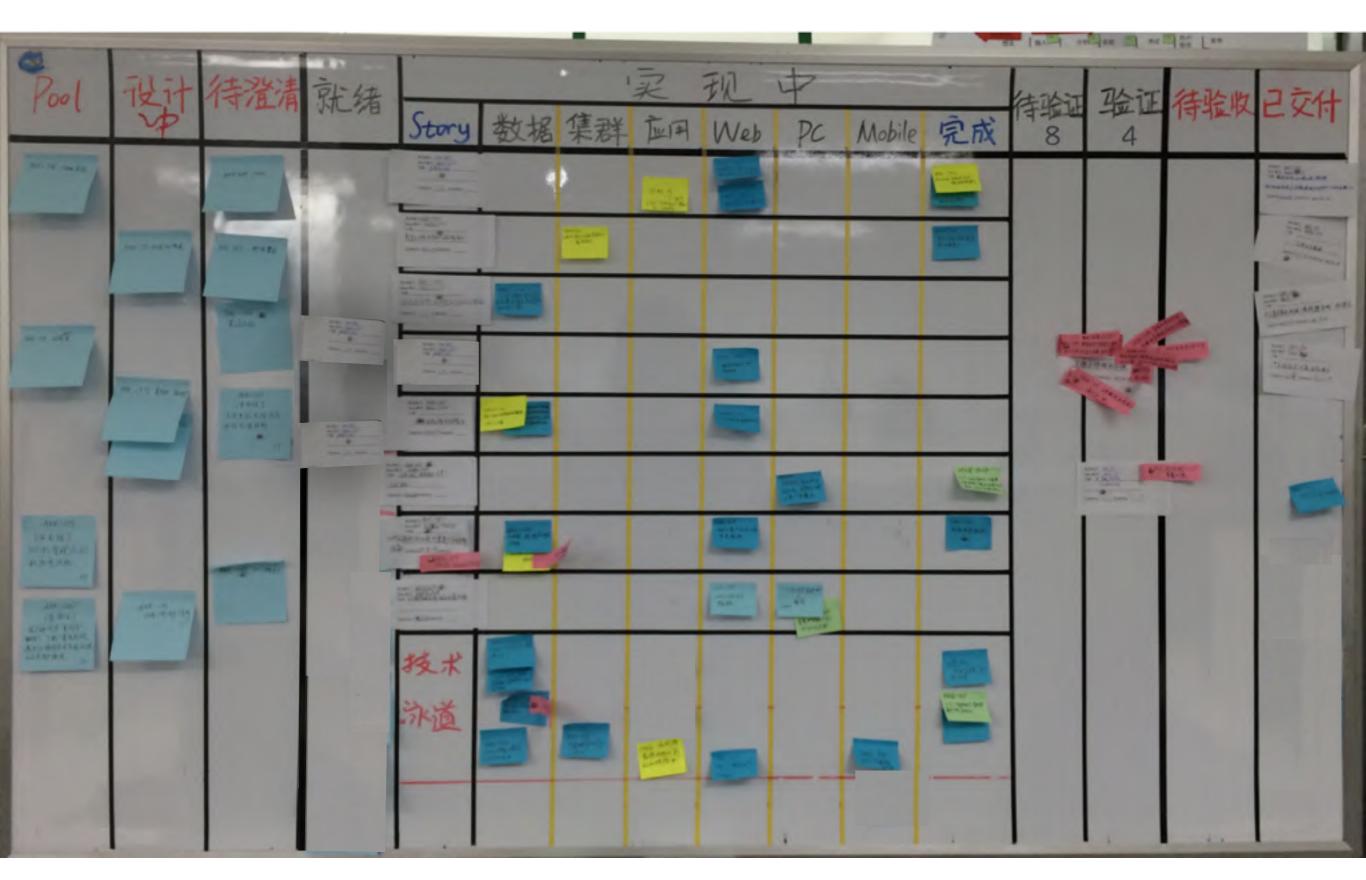


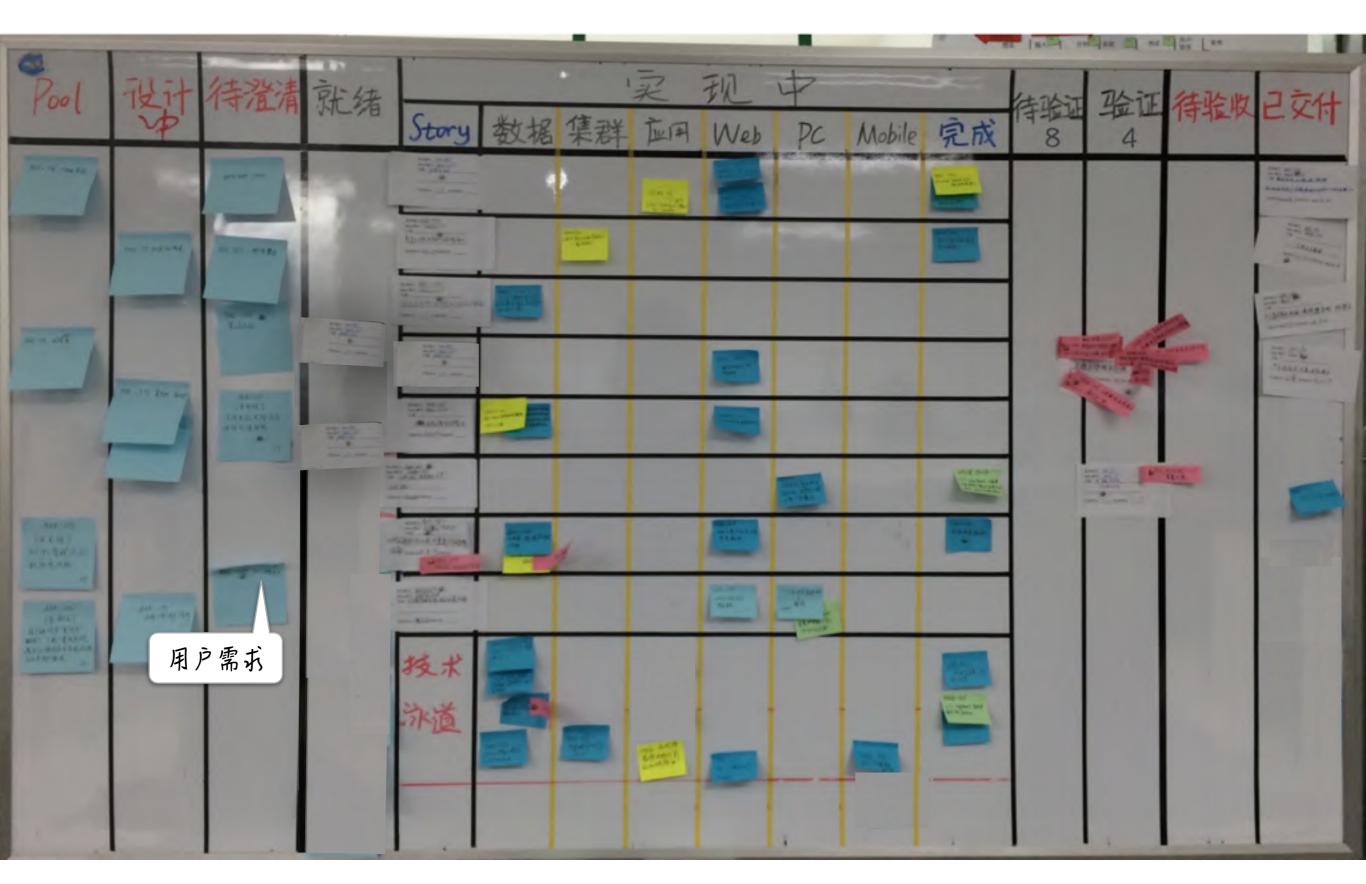


If you can't describe what you are doing as a process, you don't know what you're doing.

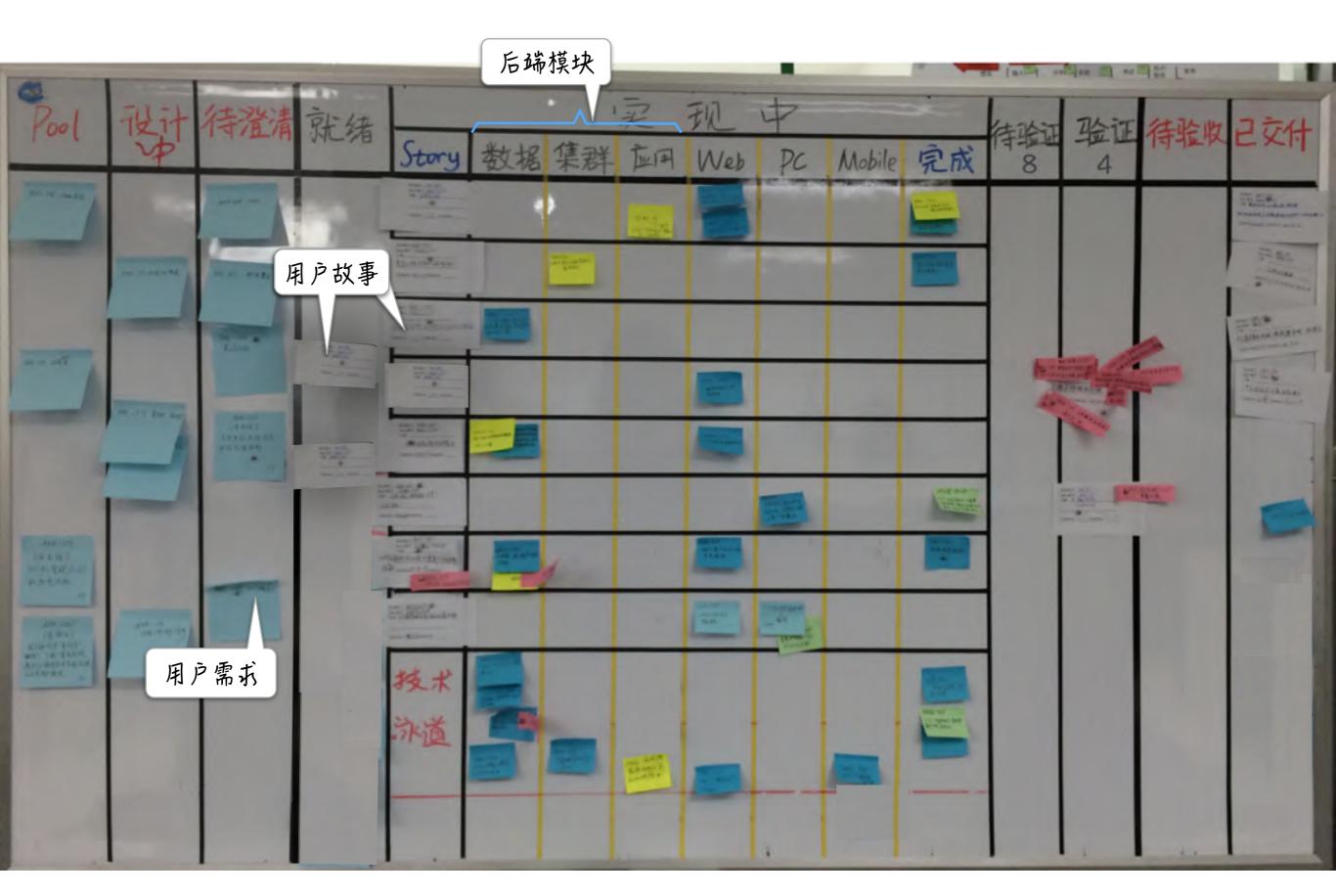
如果你不能以一个清晰的过程来展示你所从事的工作, 你就不会真正的了解你在做什么。

— 戴明 质量管理之父



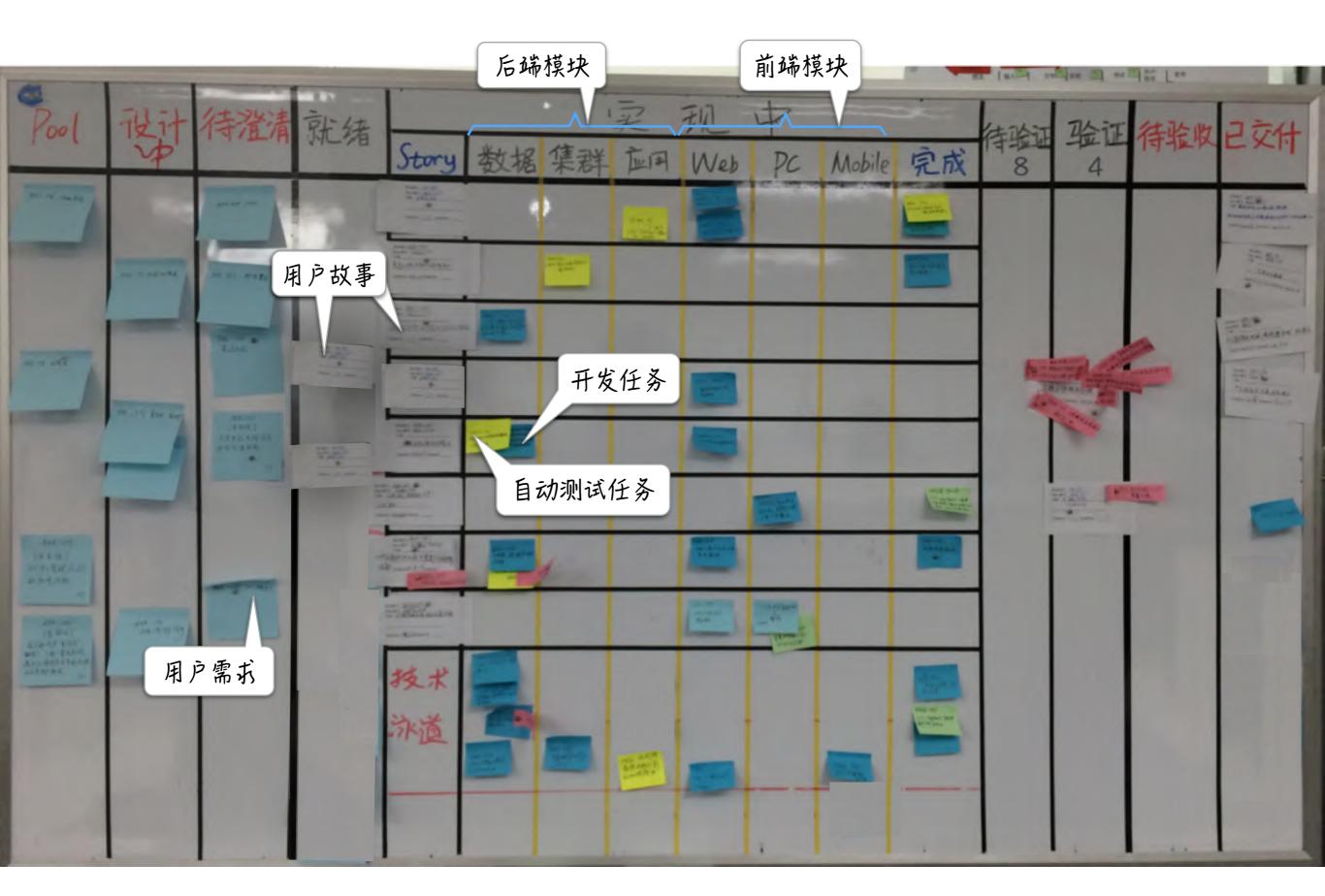


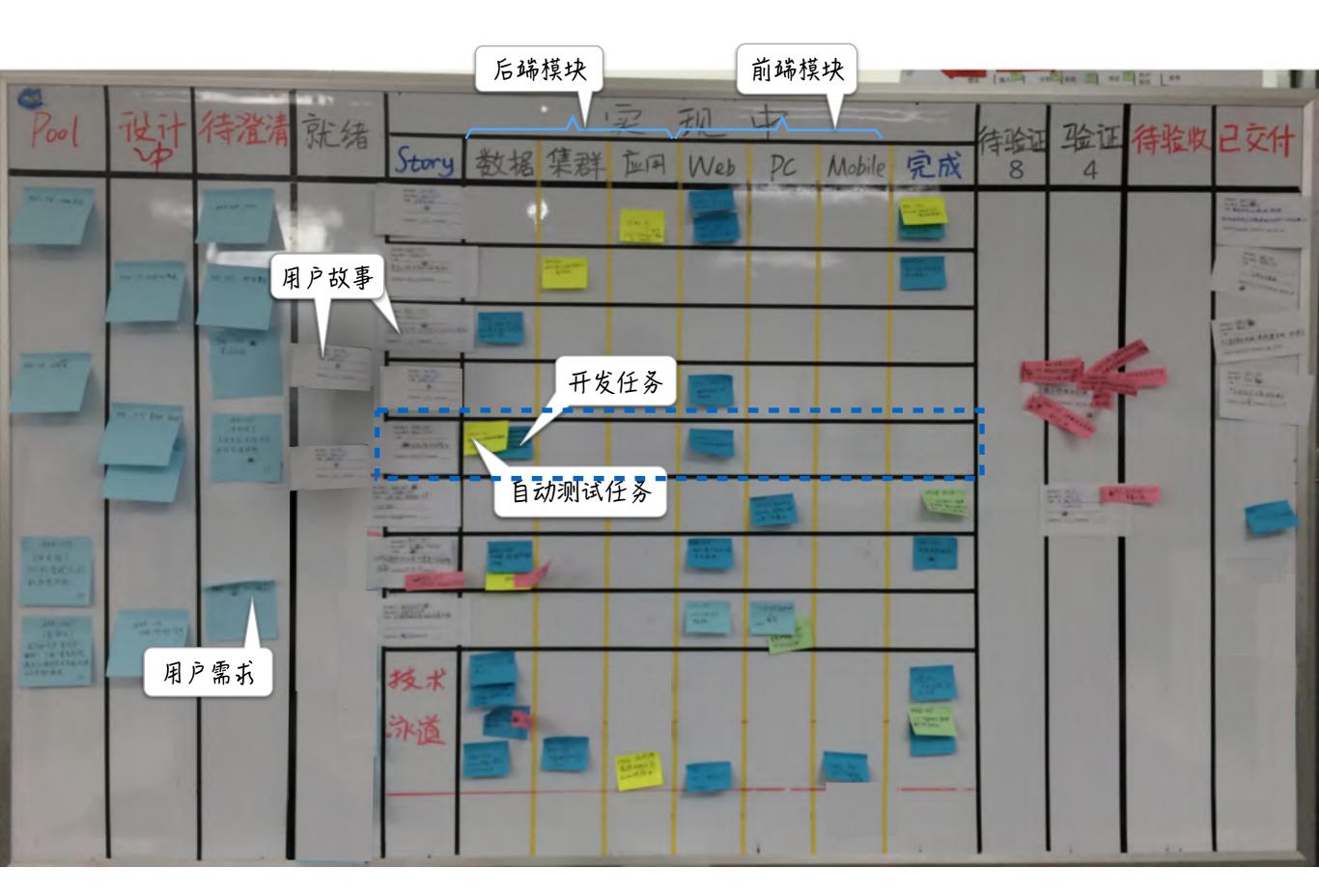


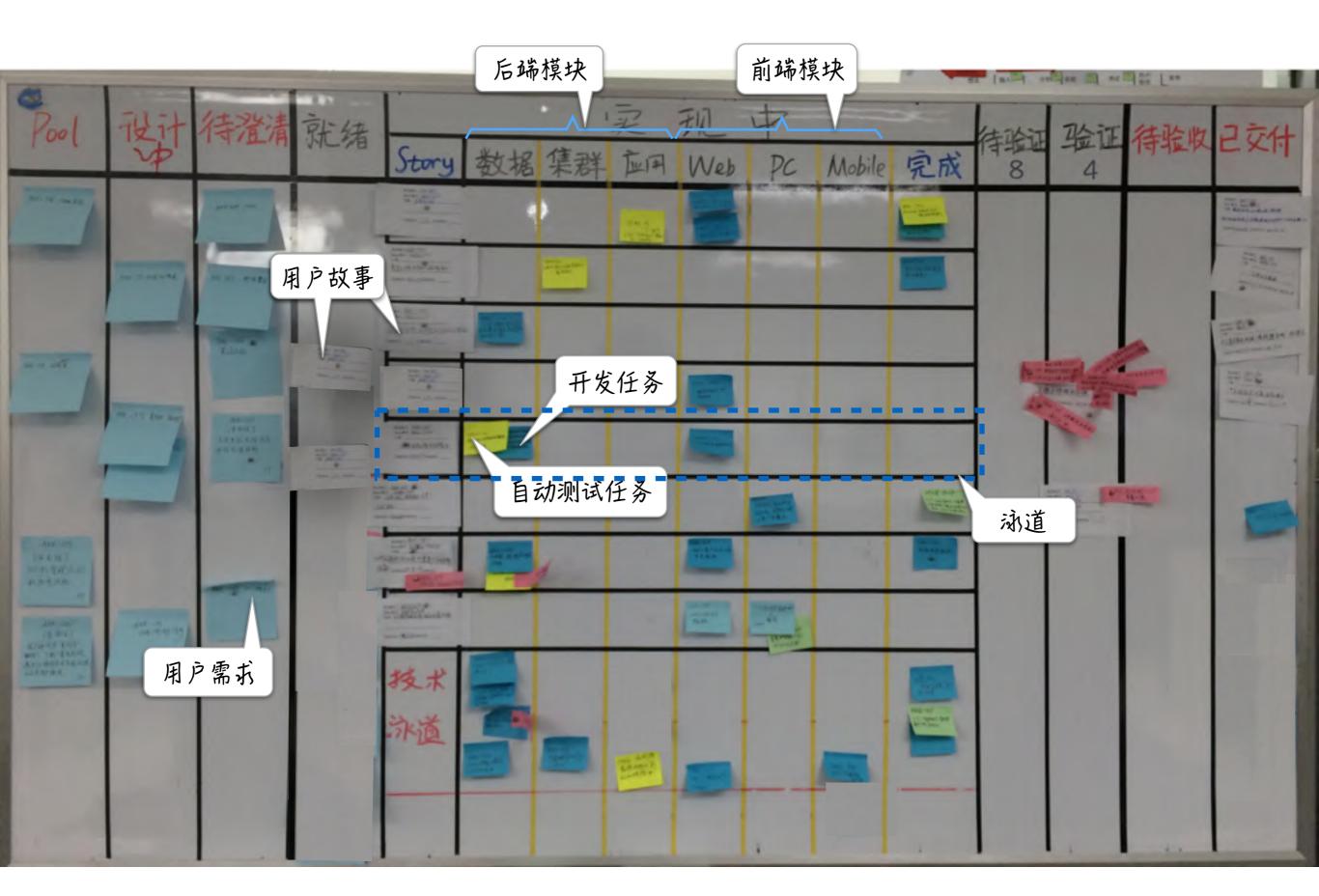


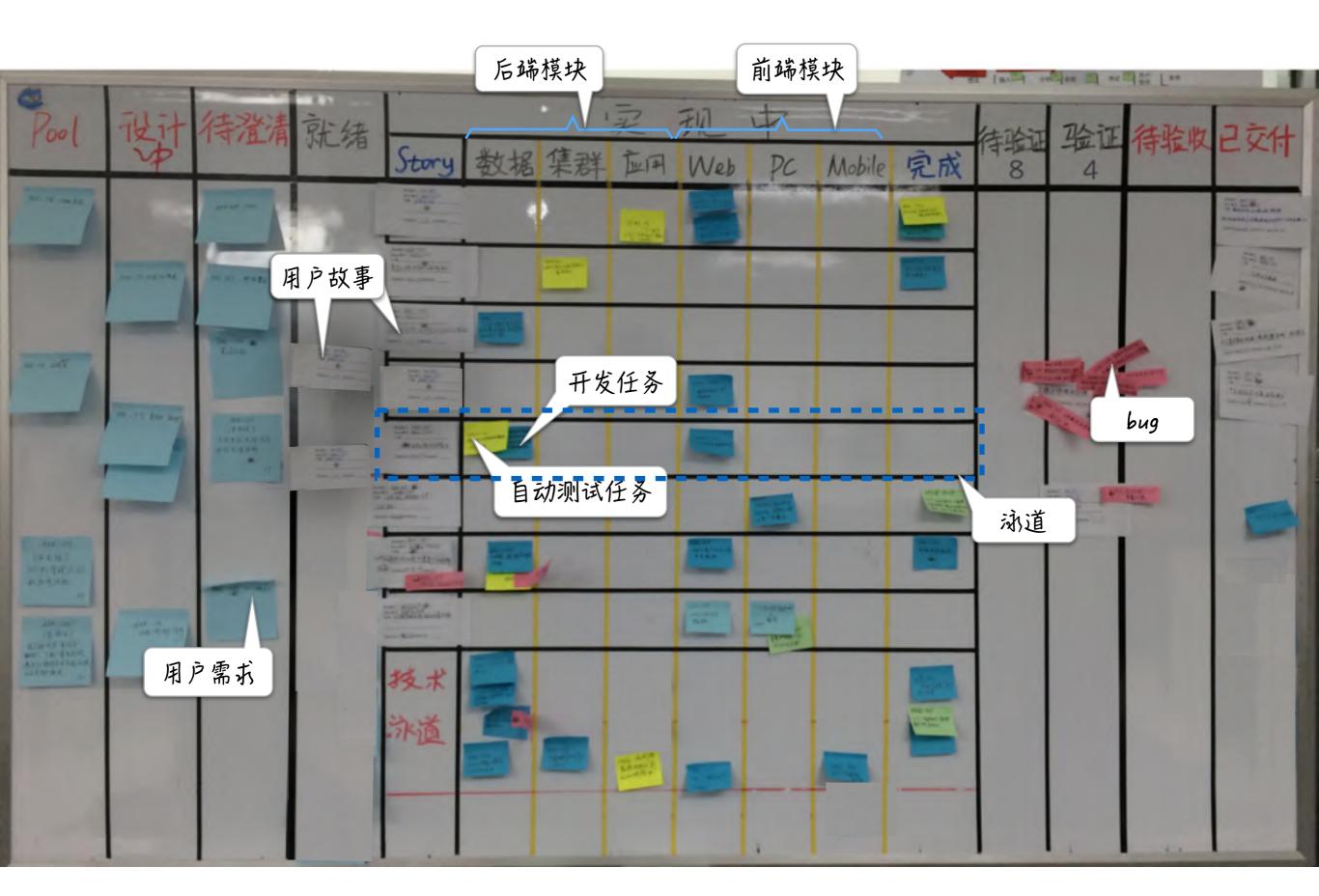


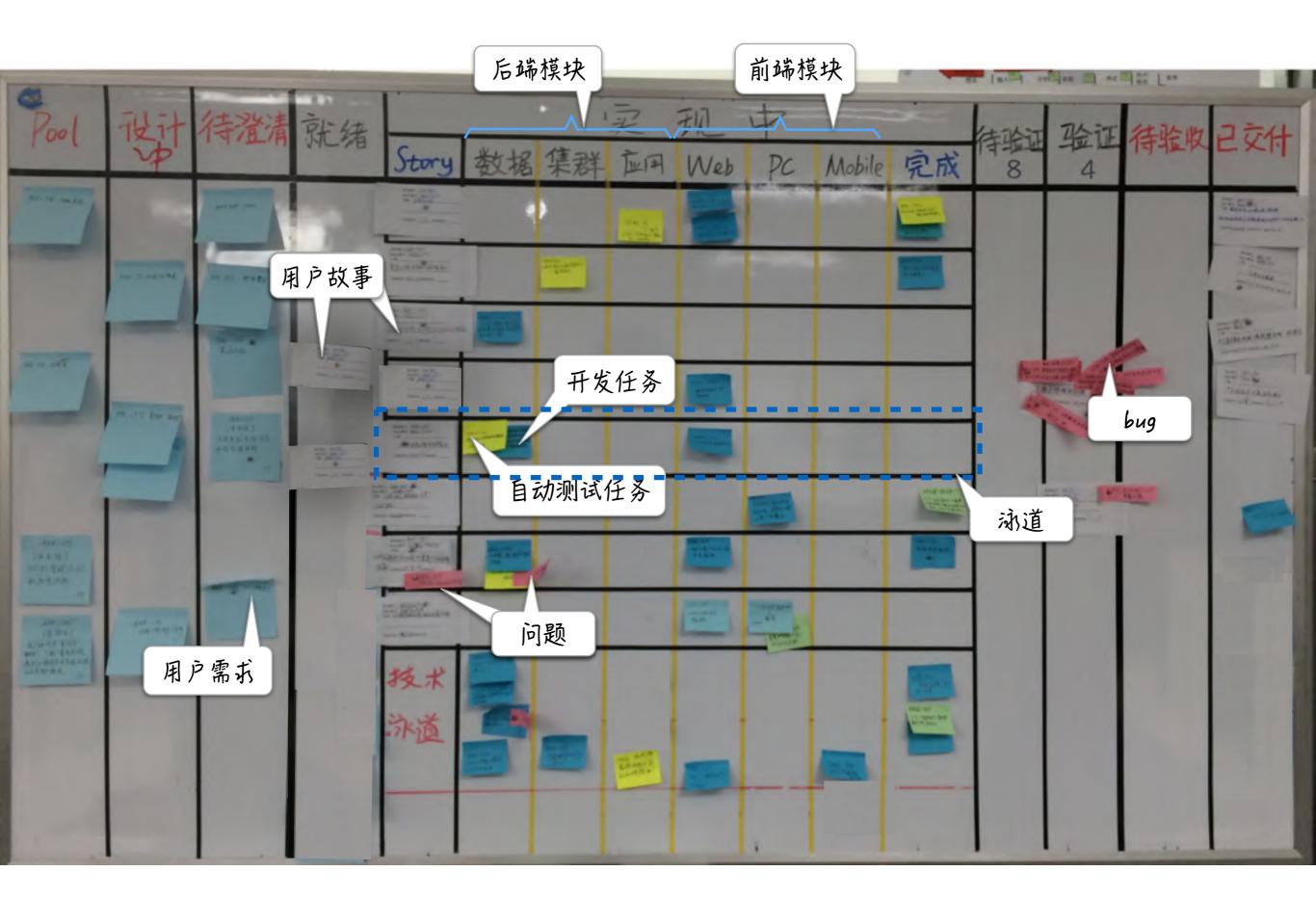


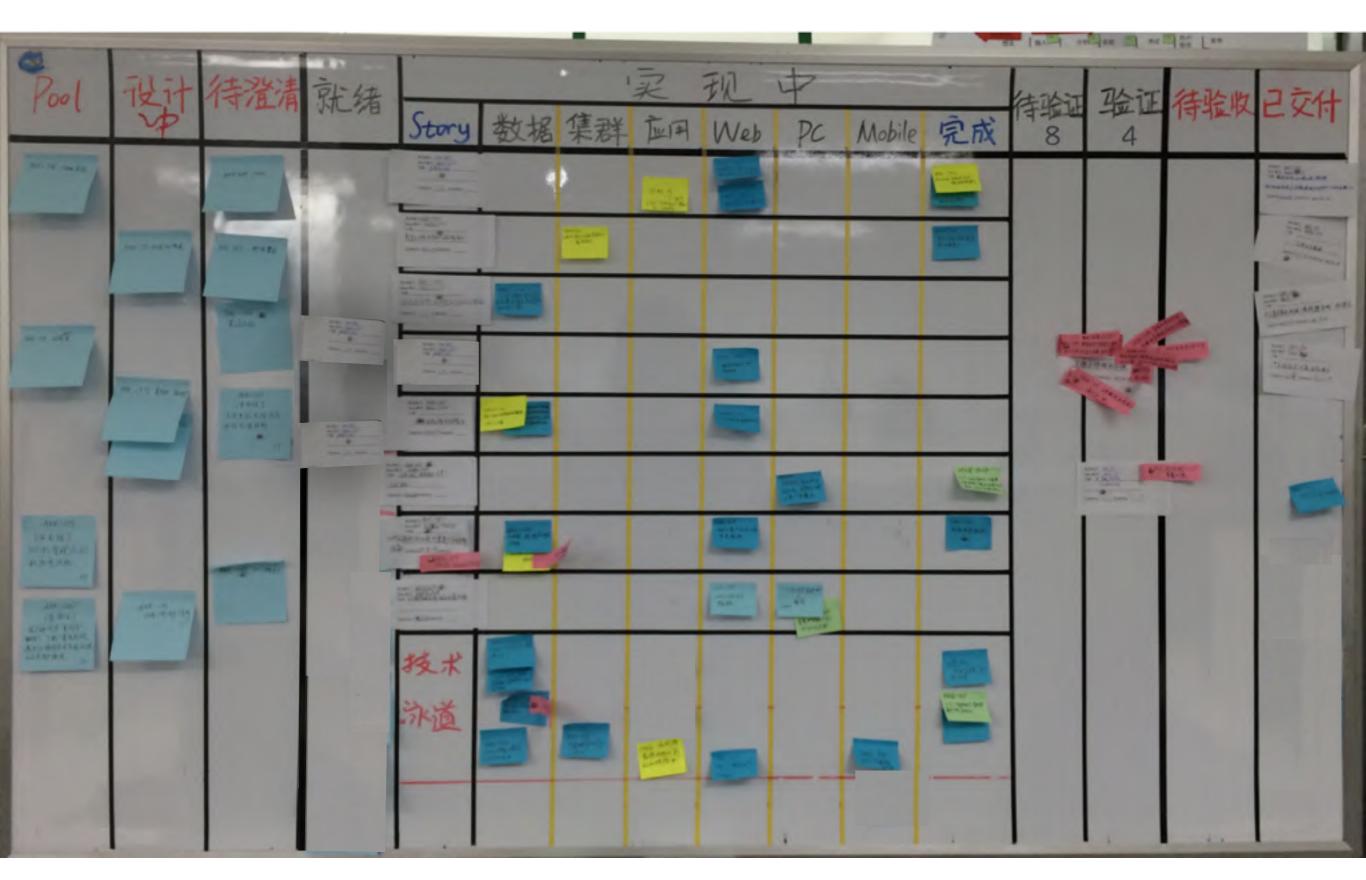




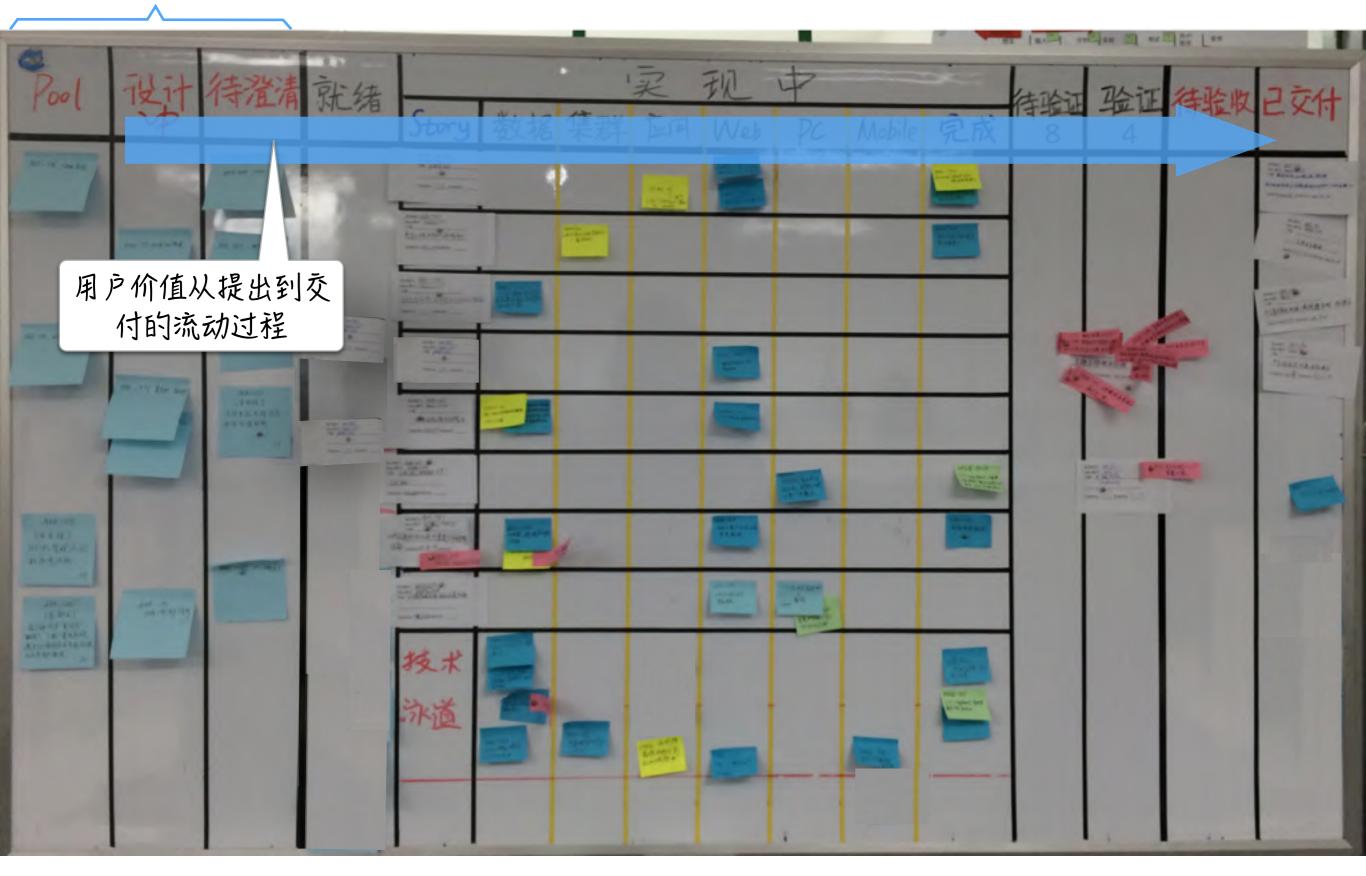






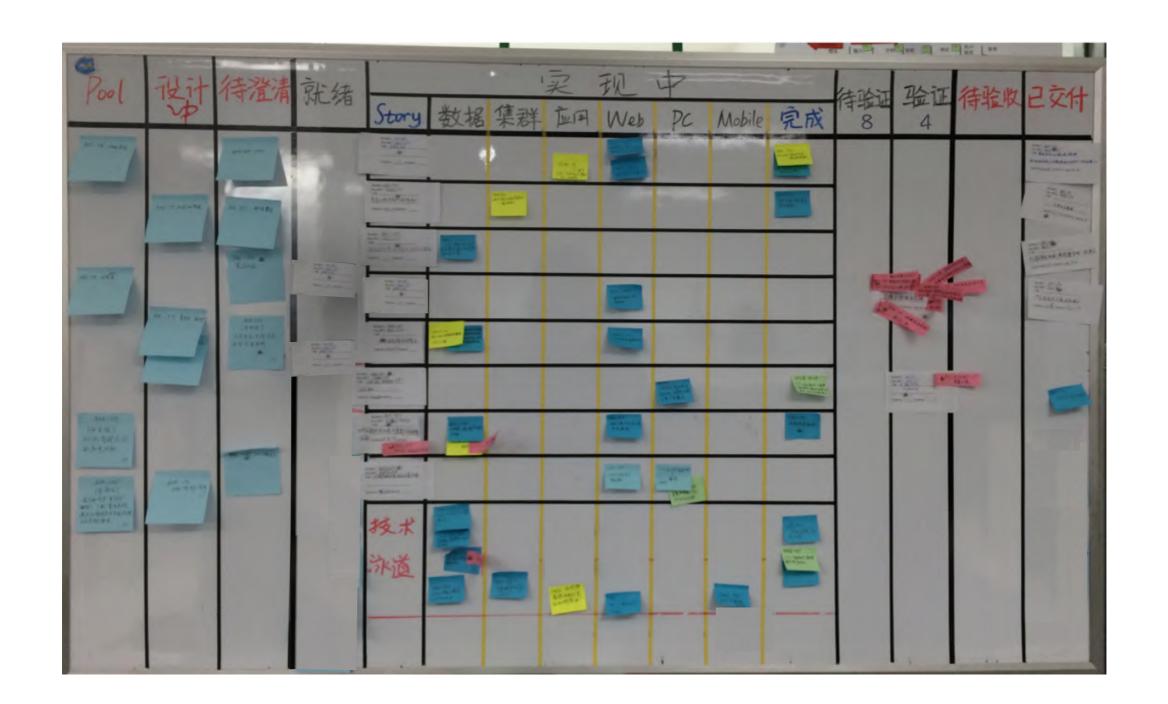










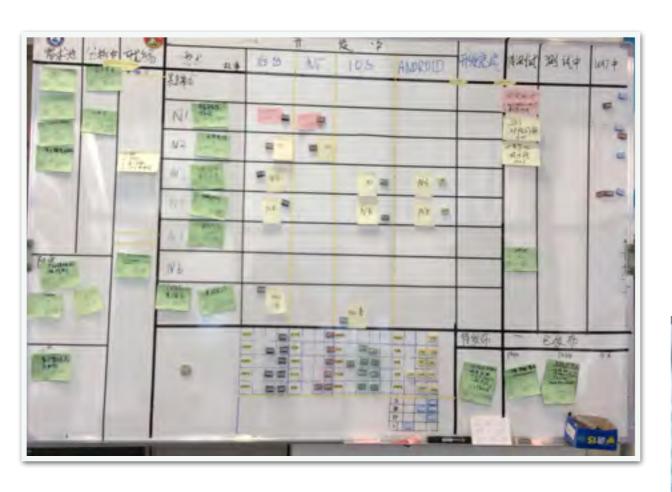


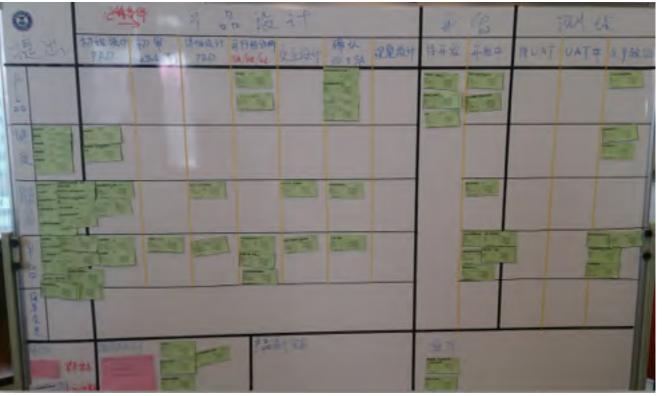
☑ 清晰全面地反映需求和需求交付过程

☑ 瓶颈和问题能在看板上得到即时体现

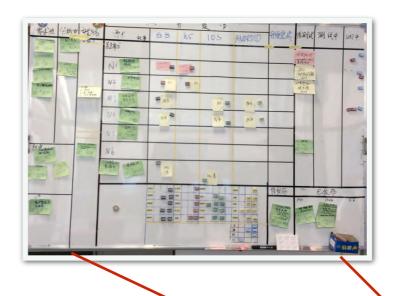
☑ 团队可以根据看板信息协作和做决定

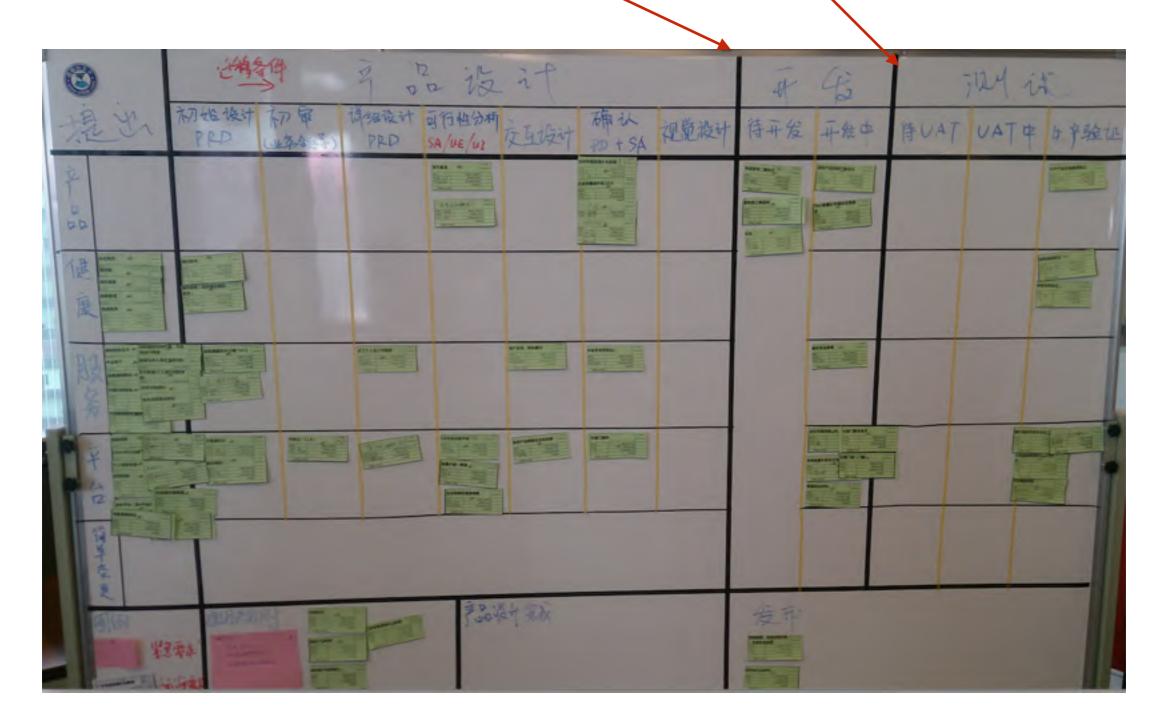
## 拓展







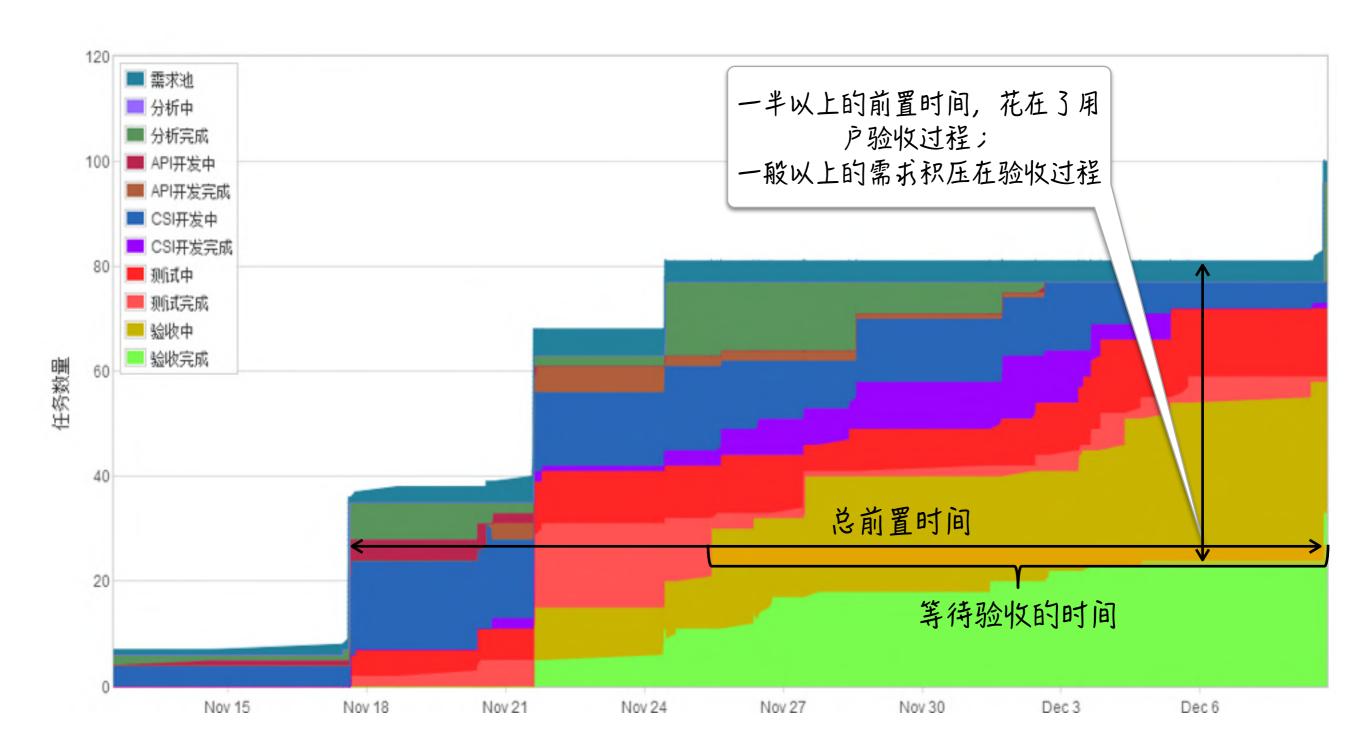


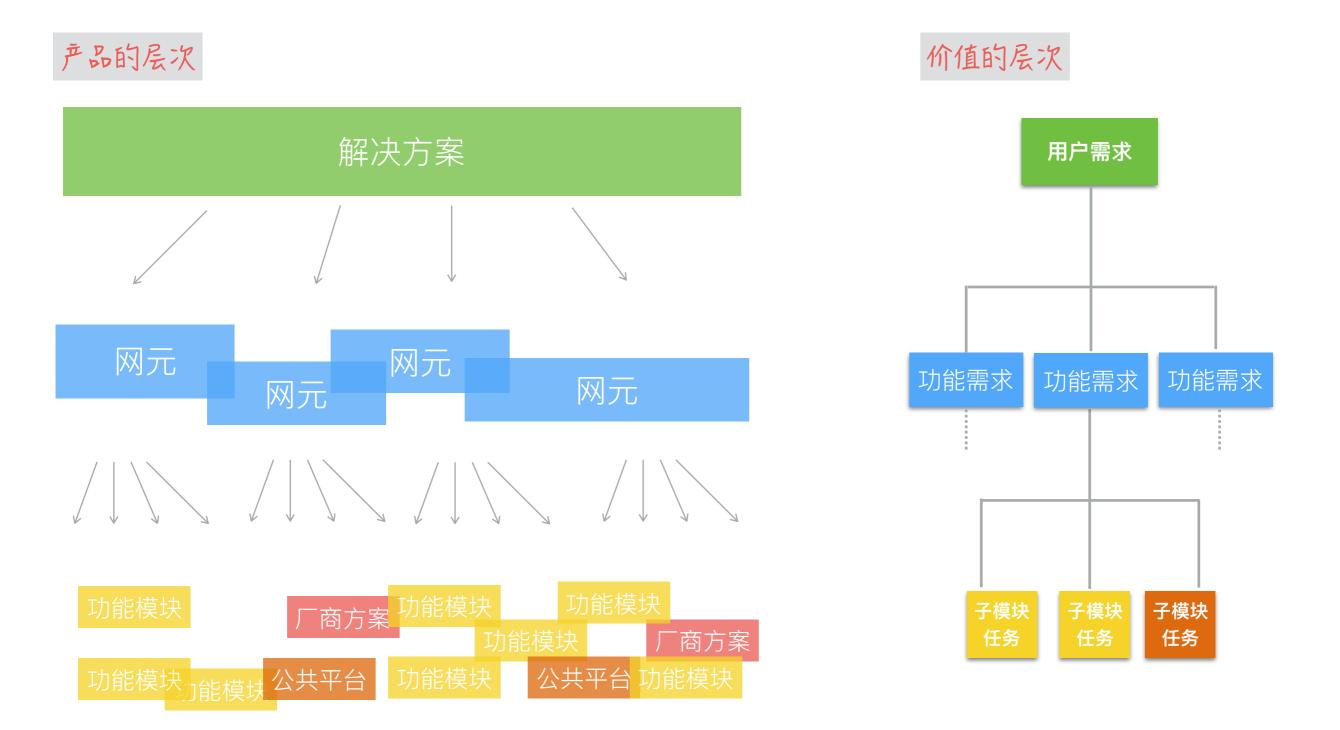


#### 连接

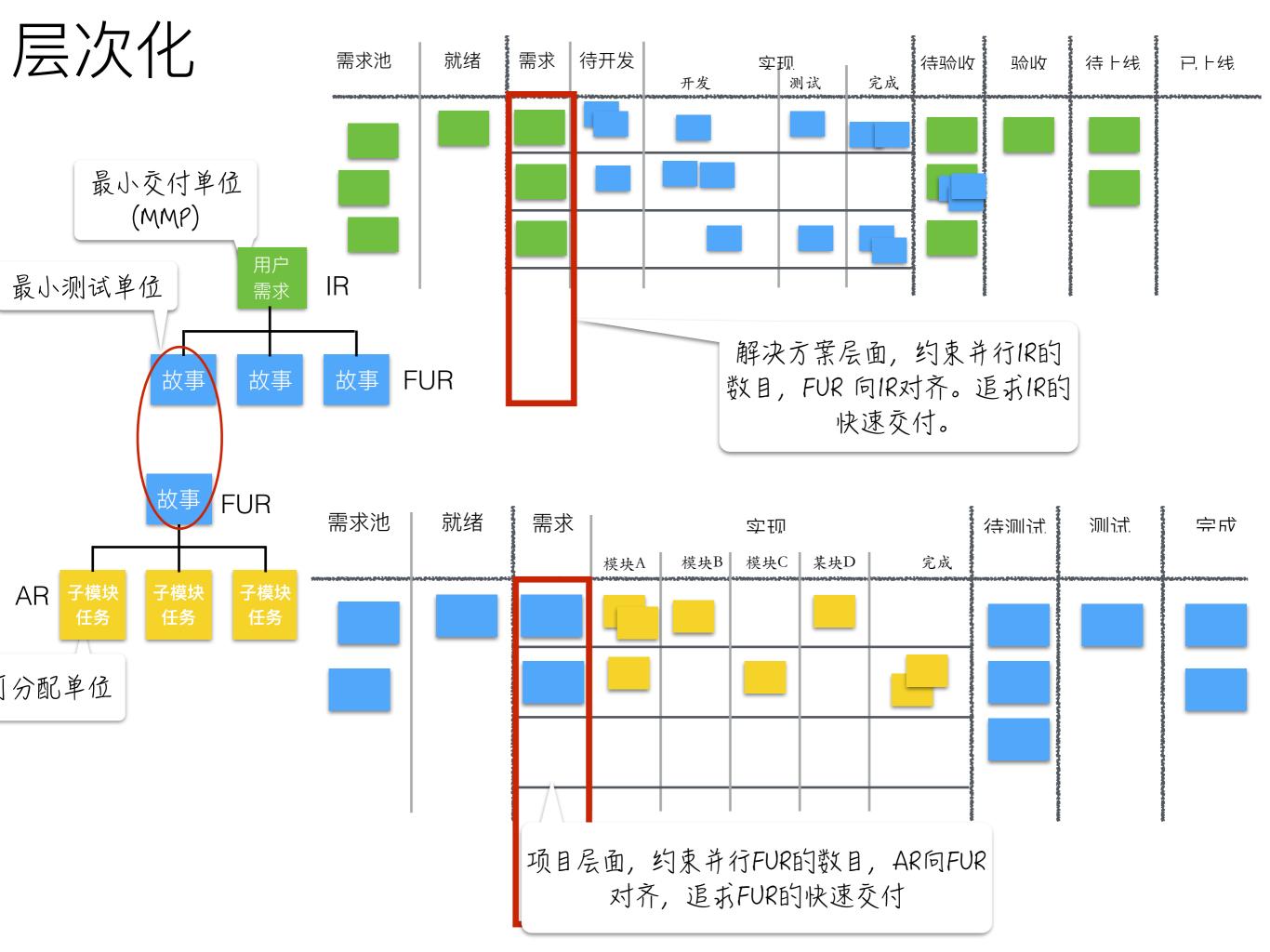
业务方 底层服务开发 应用开发 业务方 (深圳) (深圳) (上海) (成都) 雲求池 分析中 分析完成 API开发中 API开发完成 CSI开发中 CSI开发完成 测试中 验收中 验收完成 测试完成 用户故事 14个任务 上海底层服务开发团队 成都应用开发团队 物理看板

物理看板





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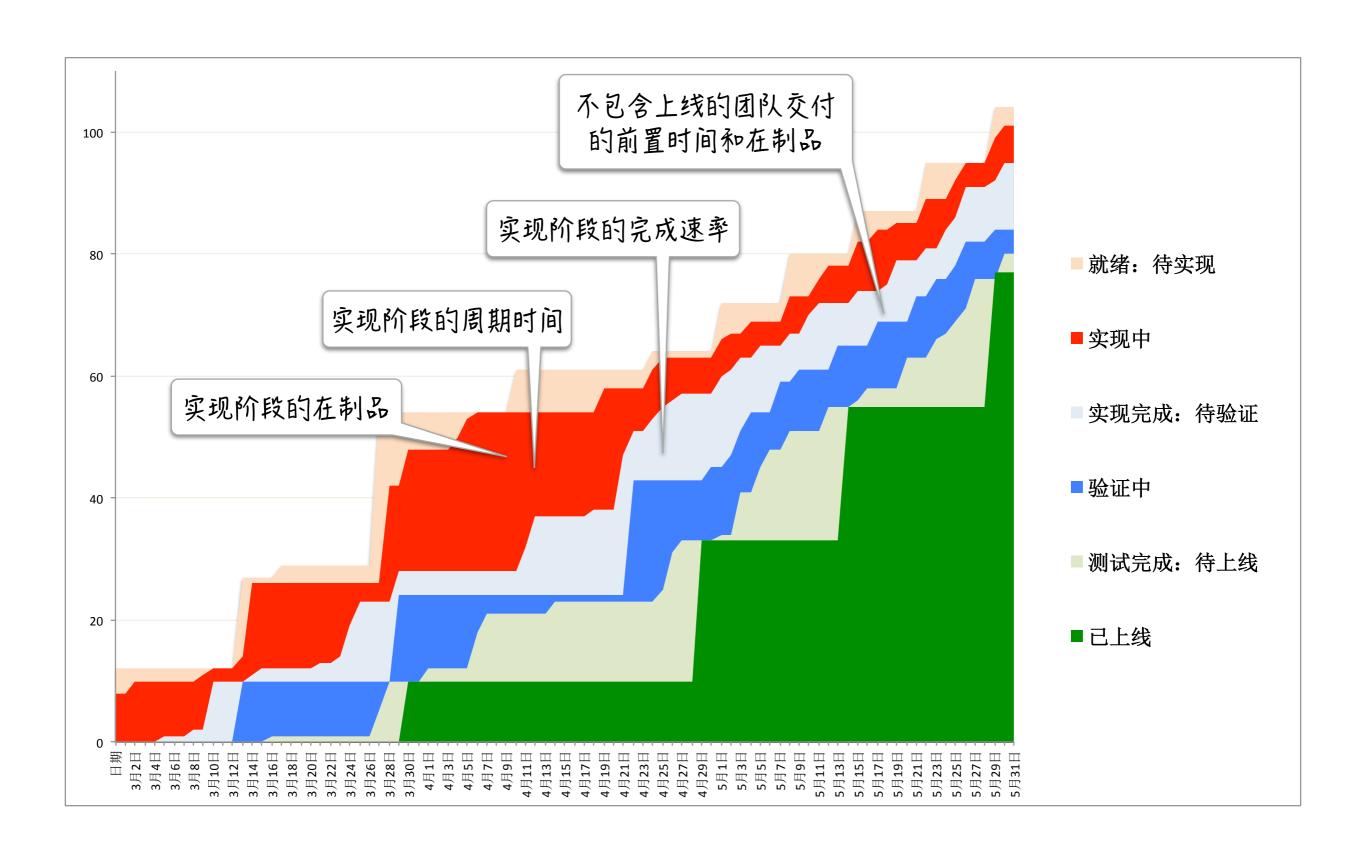


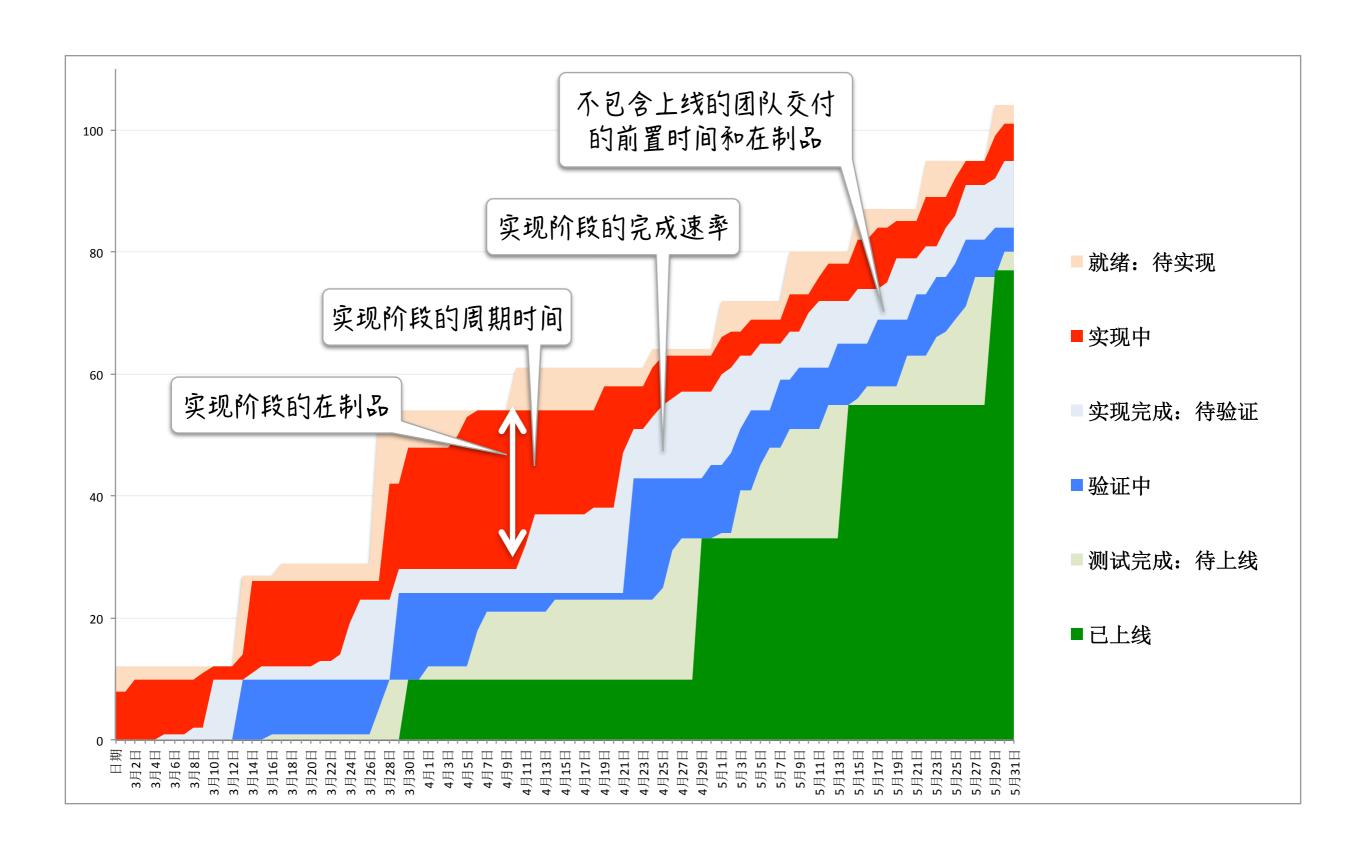


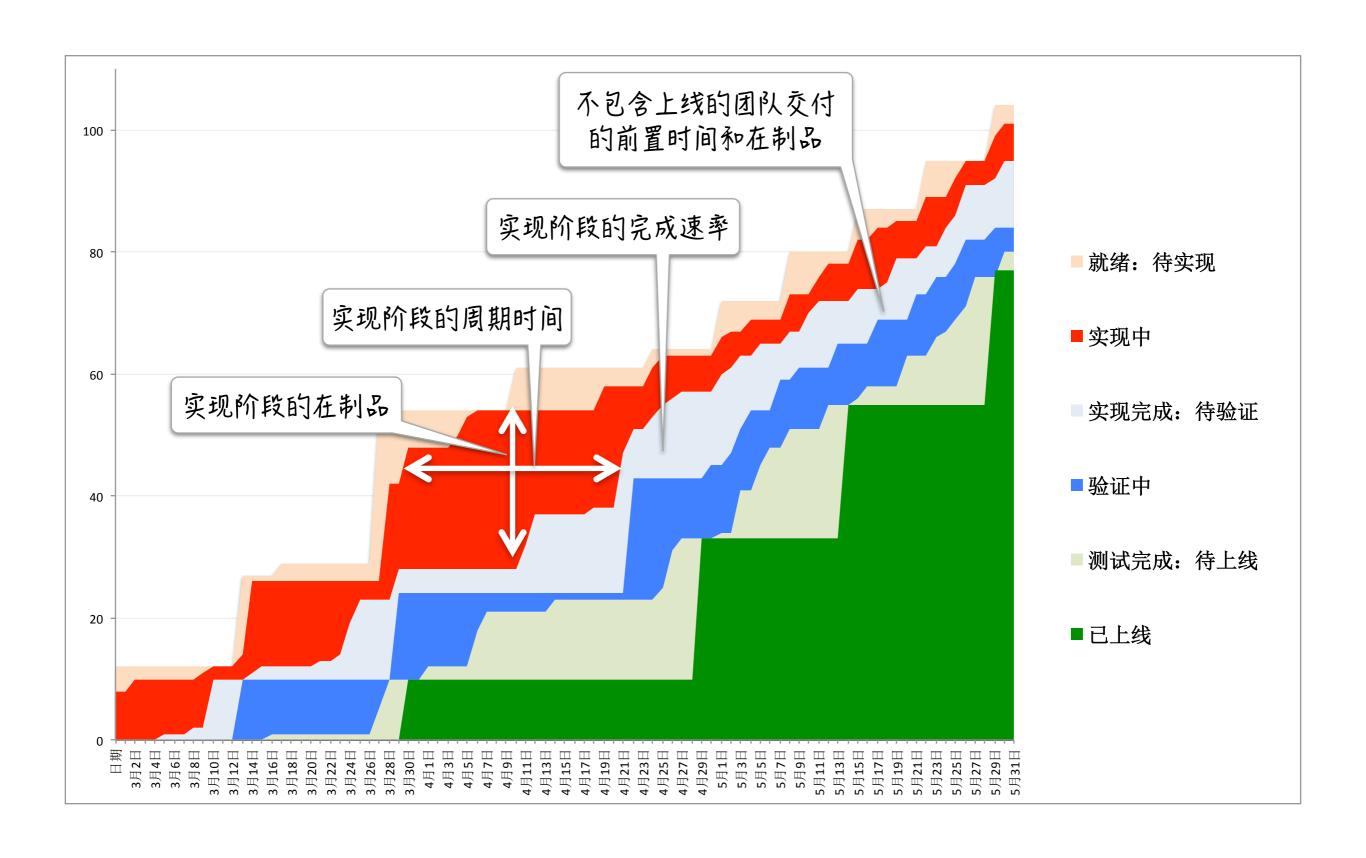


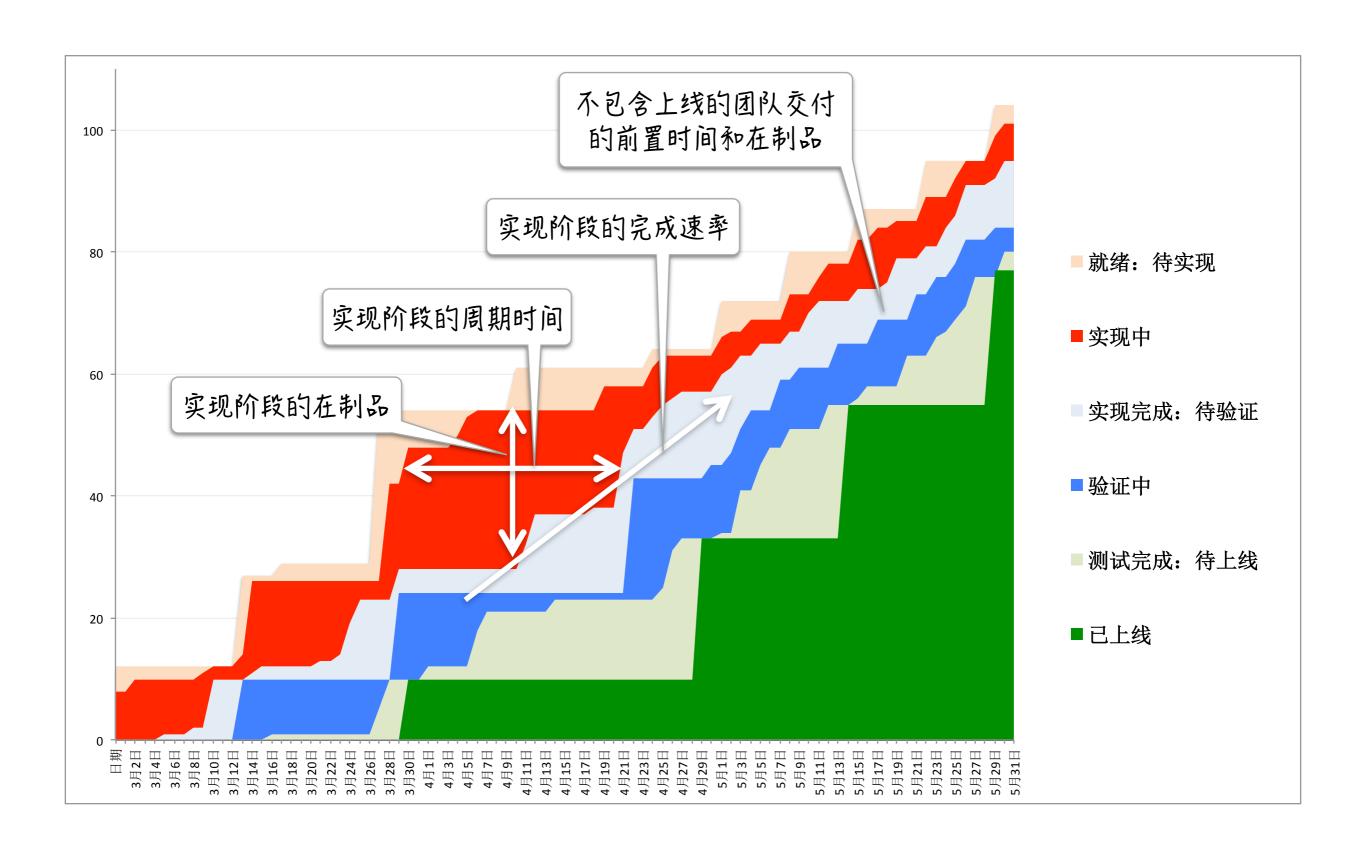
### 顺畅、高质量的交付真正的价值

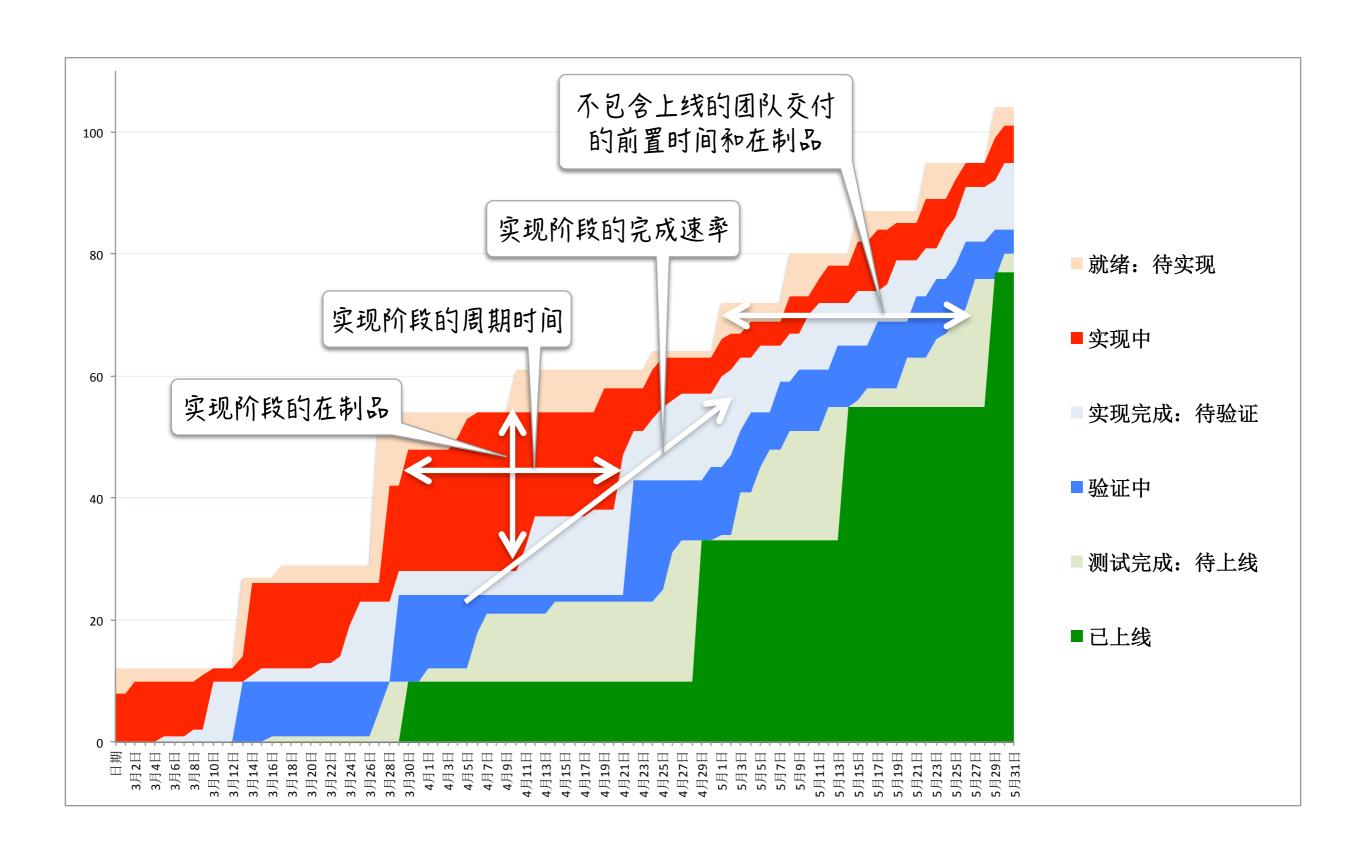


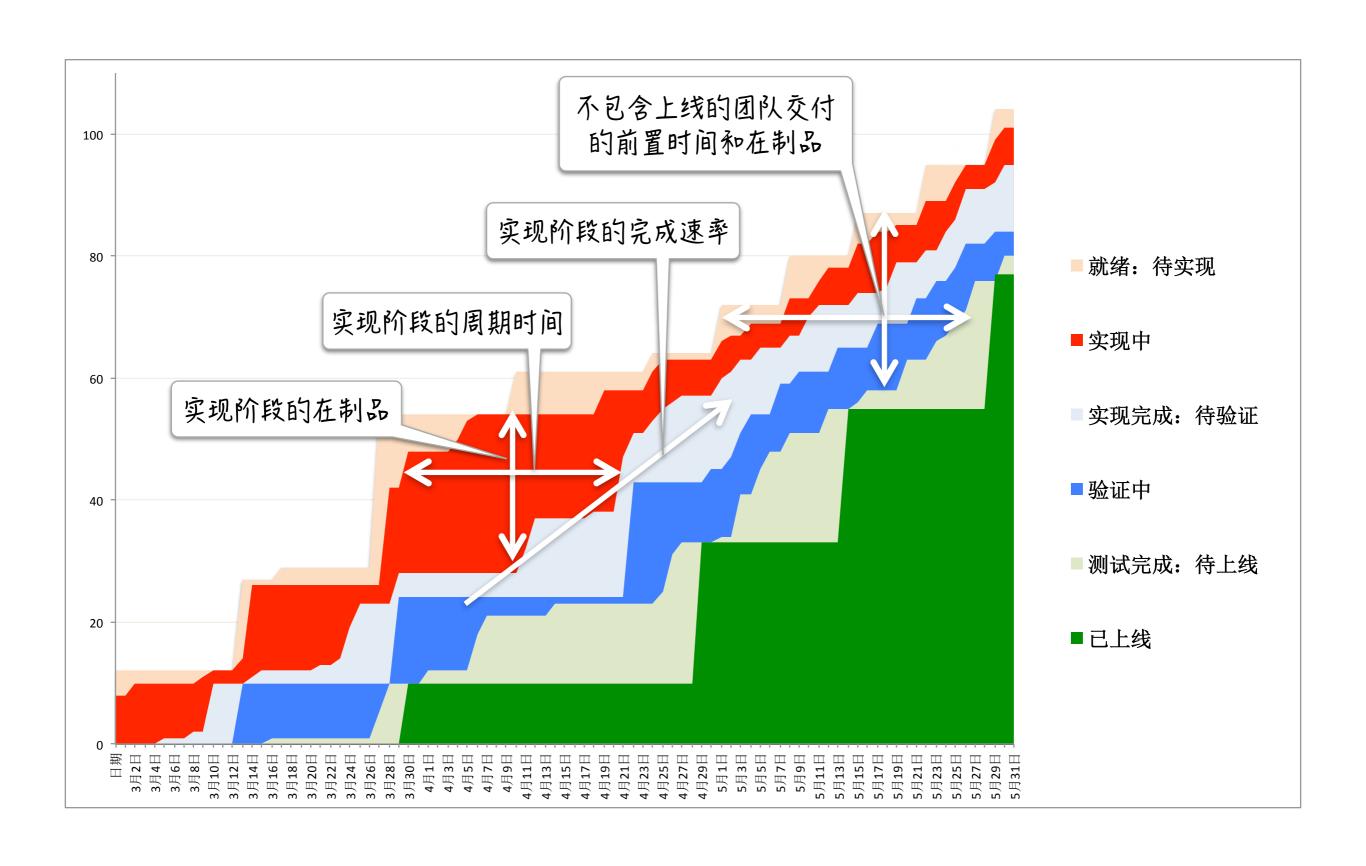


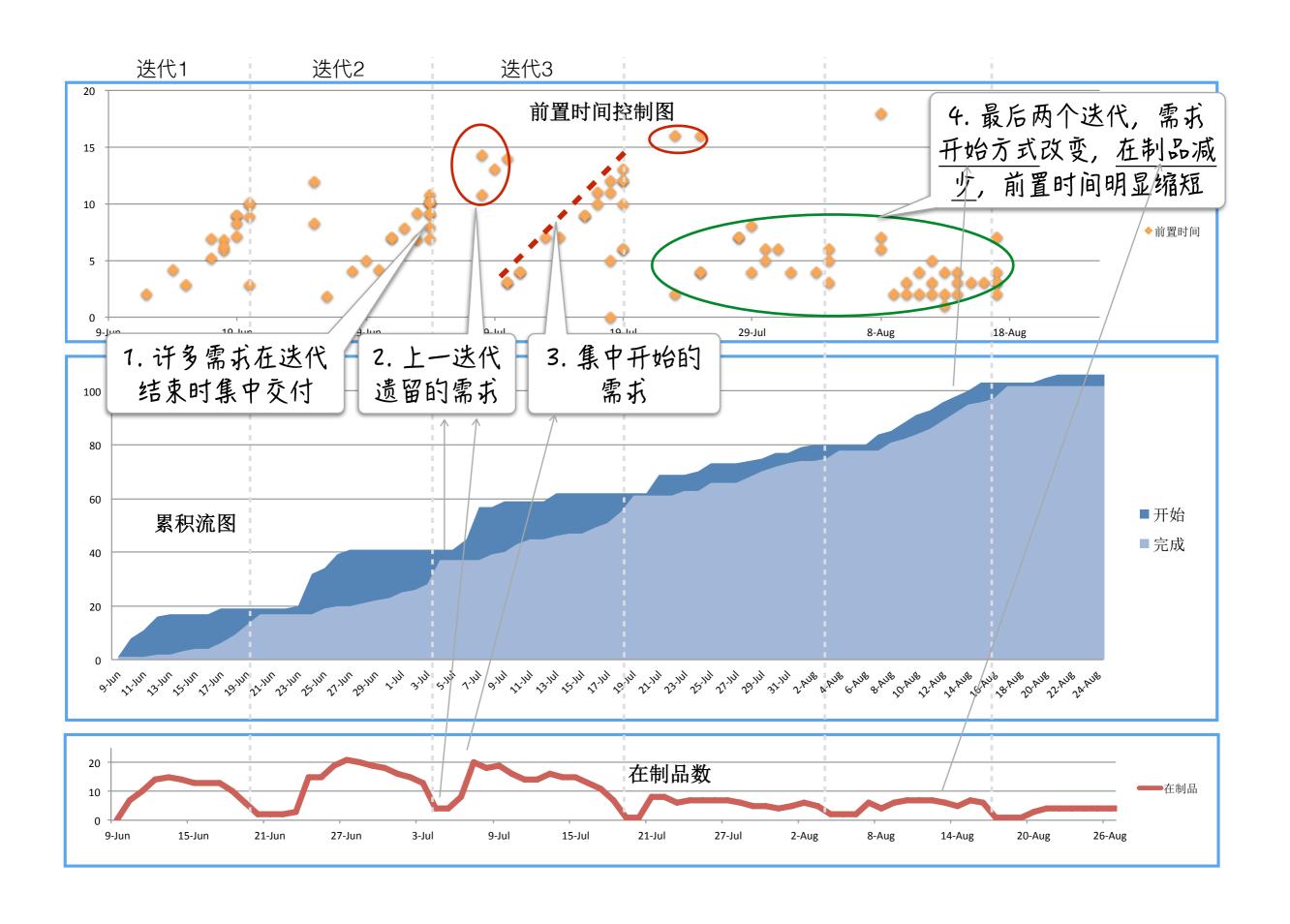






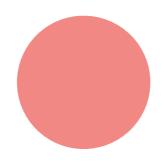


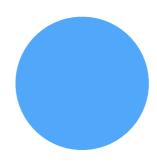


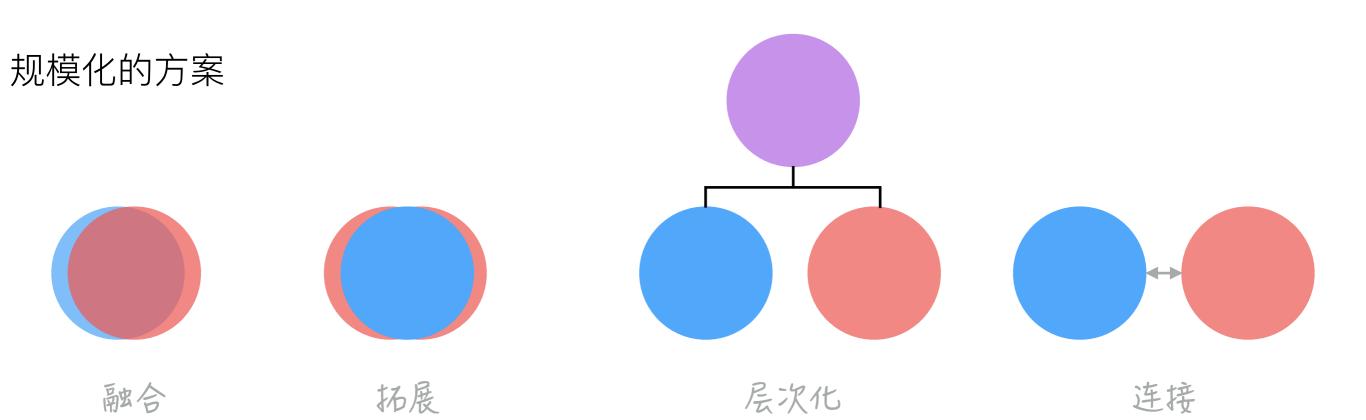


# 总结

团队级的实施







# 谢谢!



