

สยามชัมนาณ์ กิต
SIAM CHAMNAN KIT



Shu Ha Ri



We Love
Bug

Self
Manage
Team



Road to Self managing Team



SCK SEAL Team
@scksealteam



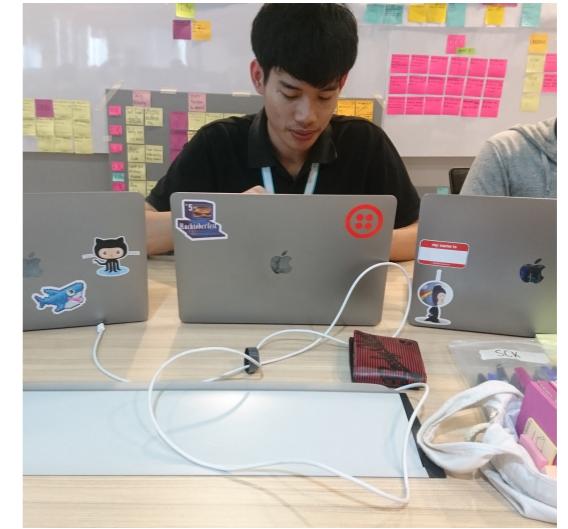
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SCK SEAL TEAM



 Apipol Sukbler

M @golfapipol

 Nareenart Narunchon

M @delightzxy

 Panumars Saento

M @panumars124



Agenda

- Definition of Self Managing Team
- From Requirement to Working Software
- Manage Progress
- Manage Process



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ScrumMaster as a Coach

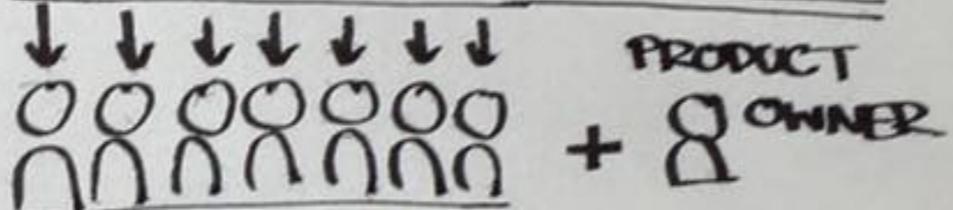
TECHNICAL SKILLS + SOFT SKILLS
AND EXPERIENCE

SCRUM
MASTER



AS A

PERSONAL COACH + MENTOR



AS A

TEAM COACH
SELF-MANAGING

- DESIGN, PLAN AND EXECUTE THEIR TASKS
- MONITOR AND MANAGE THEIR PROGRESS
- MONITOR AND MANAGE THEIR PROCESS

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Design, Plan and Execute Their Tasks

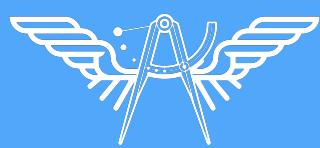
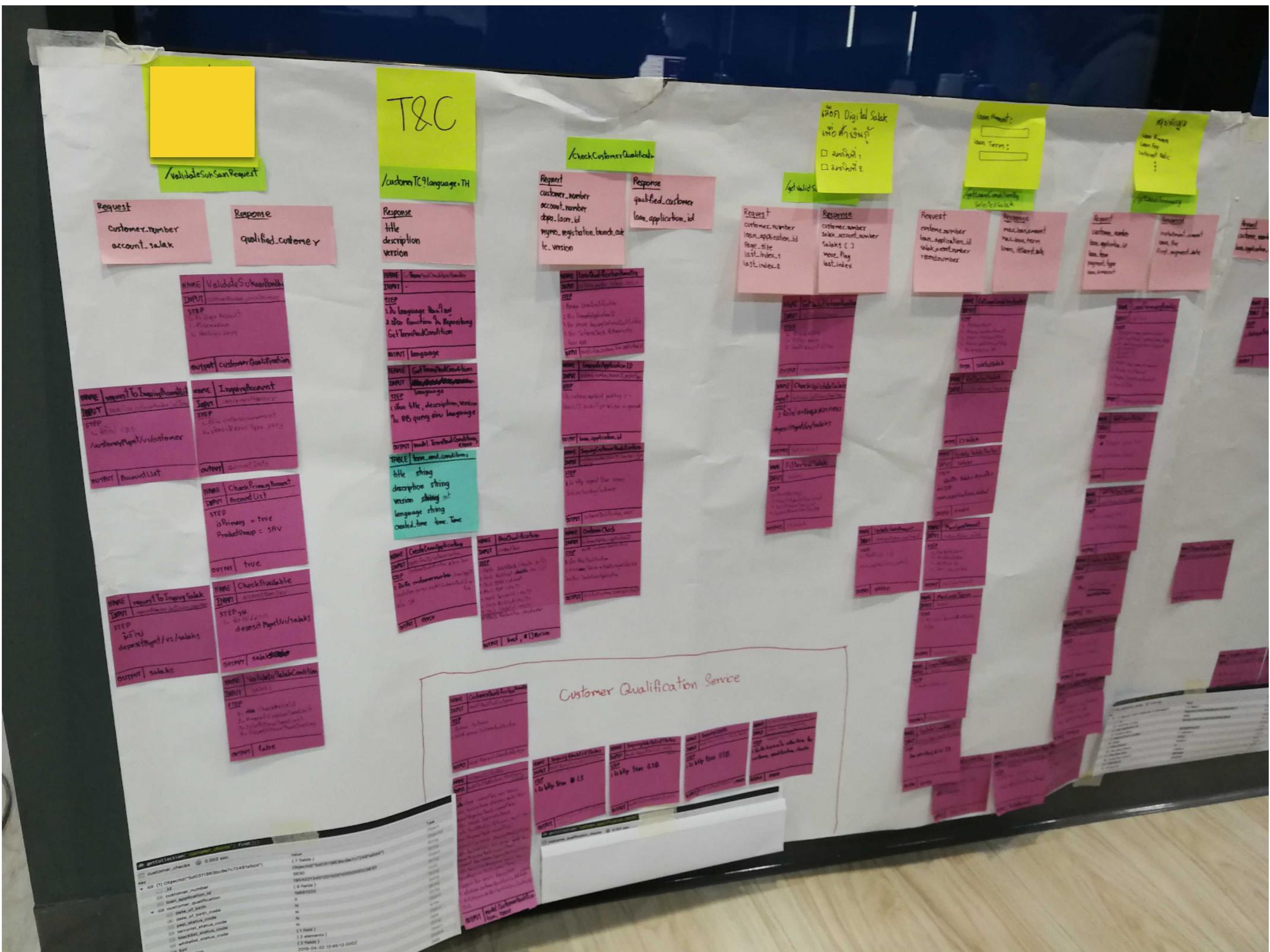


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ອອກແບບຮູບ



ประเมินเวลางานของ

Create unit test of
module **BLAH**
BLAH BLAH

LEK	30 mins	15 mins
-----	---------	---------

Create test data for
story **BLAH BLAH**
BLAH

PK	15 mins	20 mins
----	---------	---------

Create function for
story **BLAH BLAH**
BLAH

PK	15 mins	20 mins
----	---------	---------

BLAH BLAH BLAH

GOLF	60 mins	60 mins
------	---------	---------

BLAH BLAH BLAH

LEK	30 mins	15 mins
-----	---------	---------

BLAH BLAH BLAH

GOLF	30 mins	15 mins
------	---------	---------



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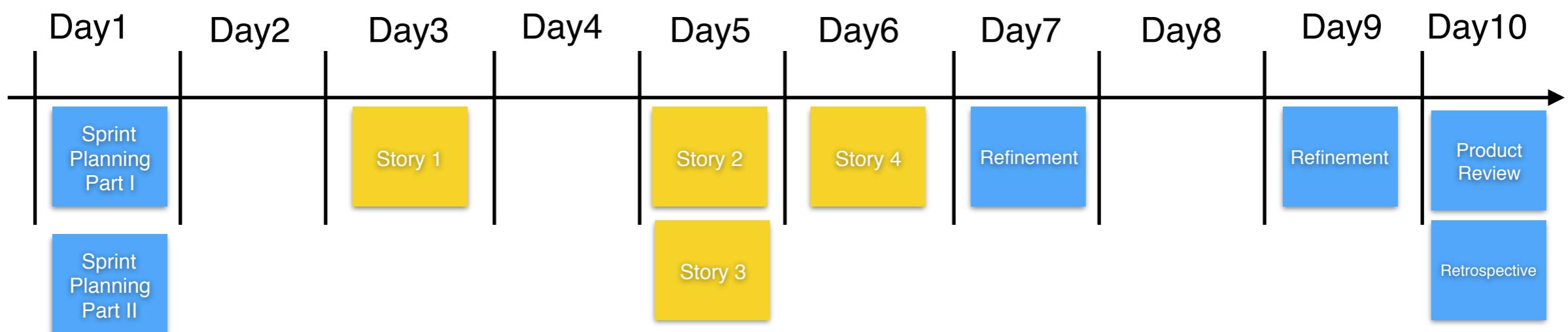
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ข้อตกลงในการส่งมอบงาน

No.	Potentially Releasable Product Increment Items	Sprint 1		Sprint 2	
		Done	Undone	Done	Undone
		14	2	14	2
1	Source code on Github be tagged at the end of each Sprint (Major.Minor.Patch-SNAPSHOT-SPRINTXX)	X		X	
2	Docker image at the end of Sprint only accepted in UAT (Major.Minor.Patch)	X		X	
3	Service architecture	X		X	
4	Database structure and data dictionary	X		X	
5	API: Specifications in GitHub Wiki	X		X	
6	API: Automate Test Scenarios in GitHub	X		X	
7	API: how to test, how to build, and how to use in Github Wiki	X		X	
8	API: internal and external error code in Github wiki	X		X	
9	Function: Specification and Unit Test Cases in GitHub Wiki	X		X	
10	Function: Automate Unit Test Cases per API in GitHub	X		X	
11	Source code must compiled following Go lang coding standard	X		X	
12	No blocker, critical, major, and minor issues following the code analyts results by SonarQube	X		X	
13	Passed VA (security) test scenarios and source code scan following Bank compileance/checklists		X		X
14	Passed load test scenarios following the agreements between System Engineer and vender		X		X
15	No known defects	X		X	
16	Story must be accepted by Product Owner	X		X	



จัด milestone แต่ละวันเพื่อส่งมอบงานและรับ feedback กลับมาปรับแก้



Test Coverage

MEASUREMENTS	SPRINT METRICS						
	SPRINT 1	STRINT 2	STRINT 3	STRINT 4	STRINT 5	STRINT 6	STRINT 7
Stories							
Stories planed	3	6	5	8	3	5	
Stories accepted	0	0	0	0	0	0	
% Stories accepted	0	0	0	0	0	0	
Testing							
New API acceptance test cases automated	3	1	1	0	2	2	
Total API acceptance tests	3	4	5	5	7	9	
New API test	15	5	4	3	0	4	
Total API test	15	20	24	27	27	31	
New unit test	51	18	18	26	22	9	
Total unit tests	81	99	117	143	165	174	
%api (Unit test coverage)	70.40	75.20	67.50	67.90	67.10	70.80	
%extract (Unit test coverage)	-	-	-	-	79.40	79.40	
%model(Unit test coverage)	80.00	71.20	64.60	43.20	40.70	39.10	
%repository (Unit test coverage)	37.50	71.40	86.20	87.90	86.50	92.40	
%service (Unit test coverage)	74.80	70.60	68.50	65.40	66.80	67.90	
%generate (Unit test coverage)	-	100.00	100.00	100.00	100.00	100.00	
%StringUtil (Unit test coverage)	-	-	-	-	100.00	100.00	
% Unit test coverage	65.68	72.10	71.70	72.88	77.21	78.51	
Total tests automated	99	123	146	175	199	214	
Defects accepted in UAT both BA and SE	-	-	-	-	-	-	
	as of 15/05/2019	as of 30/05/2019	as of 13/06/2019	as of 27/06/2019	as of 11/07/2019	as of 25/07/2019	

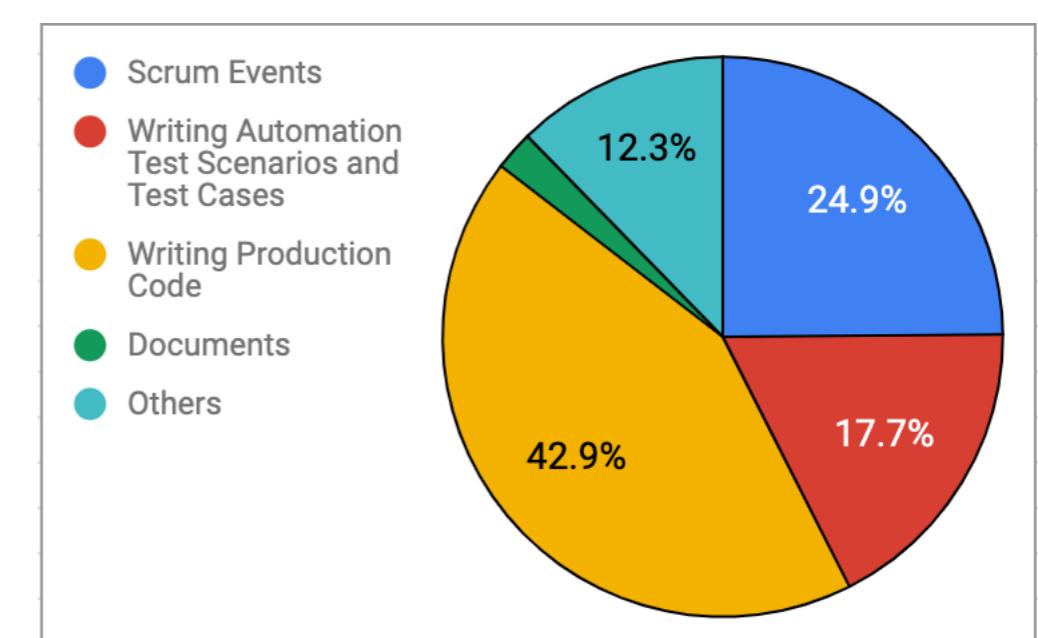


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Team Effort

TEAM METRICS		
Effort		SPRINT 6
Team		108
Scrum Events :		
Sprint Planning Part I	เวลาที่ใช้	จำนวนคน
120	3	
Sprint Planning Part II	120	3
Daily Scrum	135	3
Sprint Review	0	0
Sprint Retrospective	0	0
Product Backlog Refinement (Round 1)	0	0
Product Backlog Refinement (Round 2)	0	0
Total	375	
Development Work - Testing and Coding		
Develop automation acceptance test scenarios	เวลาที่ใช้	จำนวนคน
691	3	
Develop automation API test scenarios	2	1
Develop unit test cases	558	3
Develop production code	2170	3
Create/Update documents	86	1
Review Code	0	0
Total	3507	
Development Work - Analyst, Design and Feedback		
Summary work + Update google sheet	เวลาที่ใช้	จำนวนคน
195	3	
Support Project	30	1
Set up Jenkins	0	0
Queue policy	0	0
Check point BA	0	0
Packaging discussion	0	0
Meeting team	1670	3
Deploy SIT environment	480	2
Total	2375	
		104.28

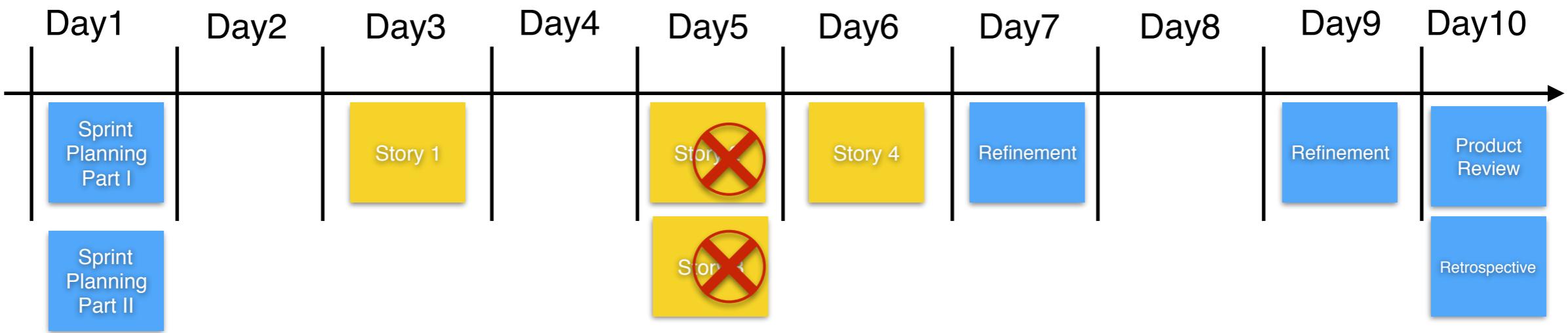
Activity	Time(Hrs.)
Scrum Events	6.25
Writing Automation Test Scenarios and Test Cases	20.85
Writing Production Code	36.17
Documents	1.43
Review Code	0
Others	39.58
Remain Effort	3.72
Total Effort	108



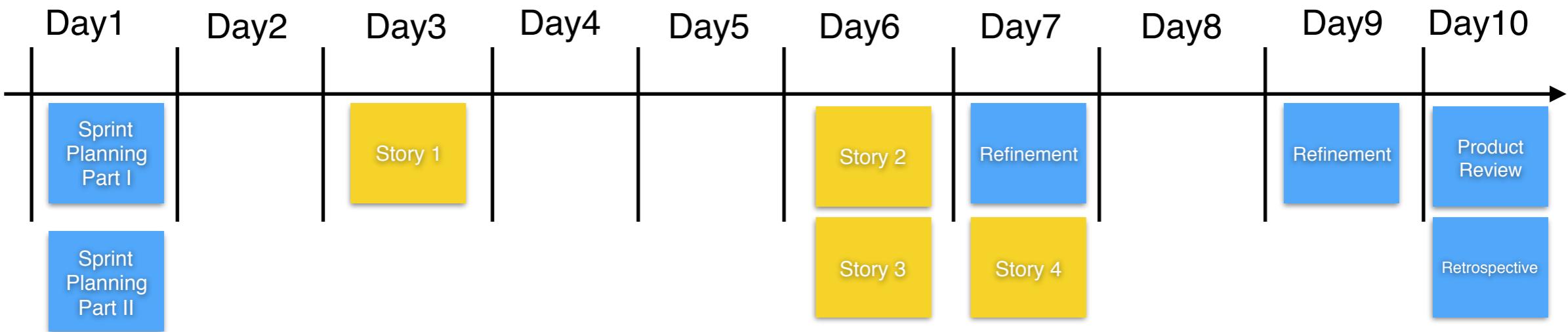
DEMO Automation Test



Monitor and Manage Own Progress (Case 1)



Monitor and Manage Own Progress (Case 1)



Monitor and Manage Own Progress (Case 2)



Monitor and Manage Own Progress (Case 3)

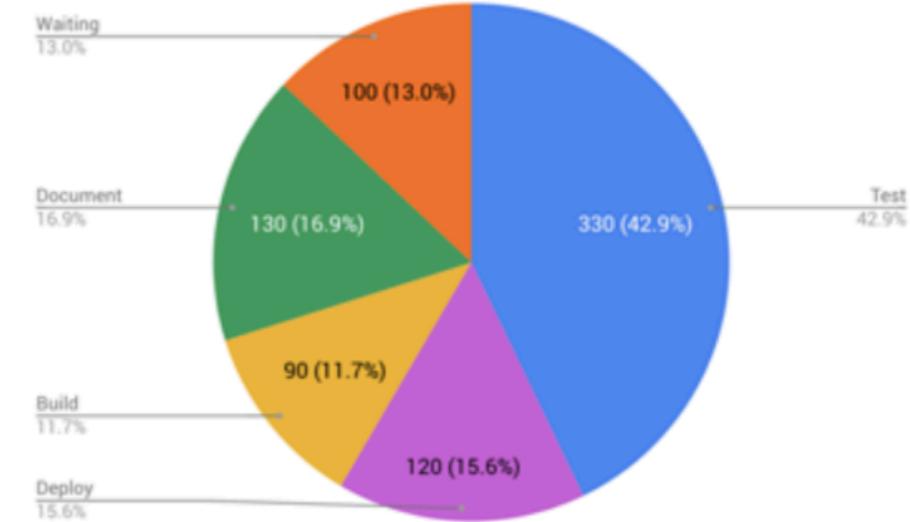
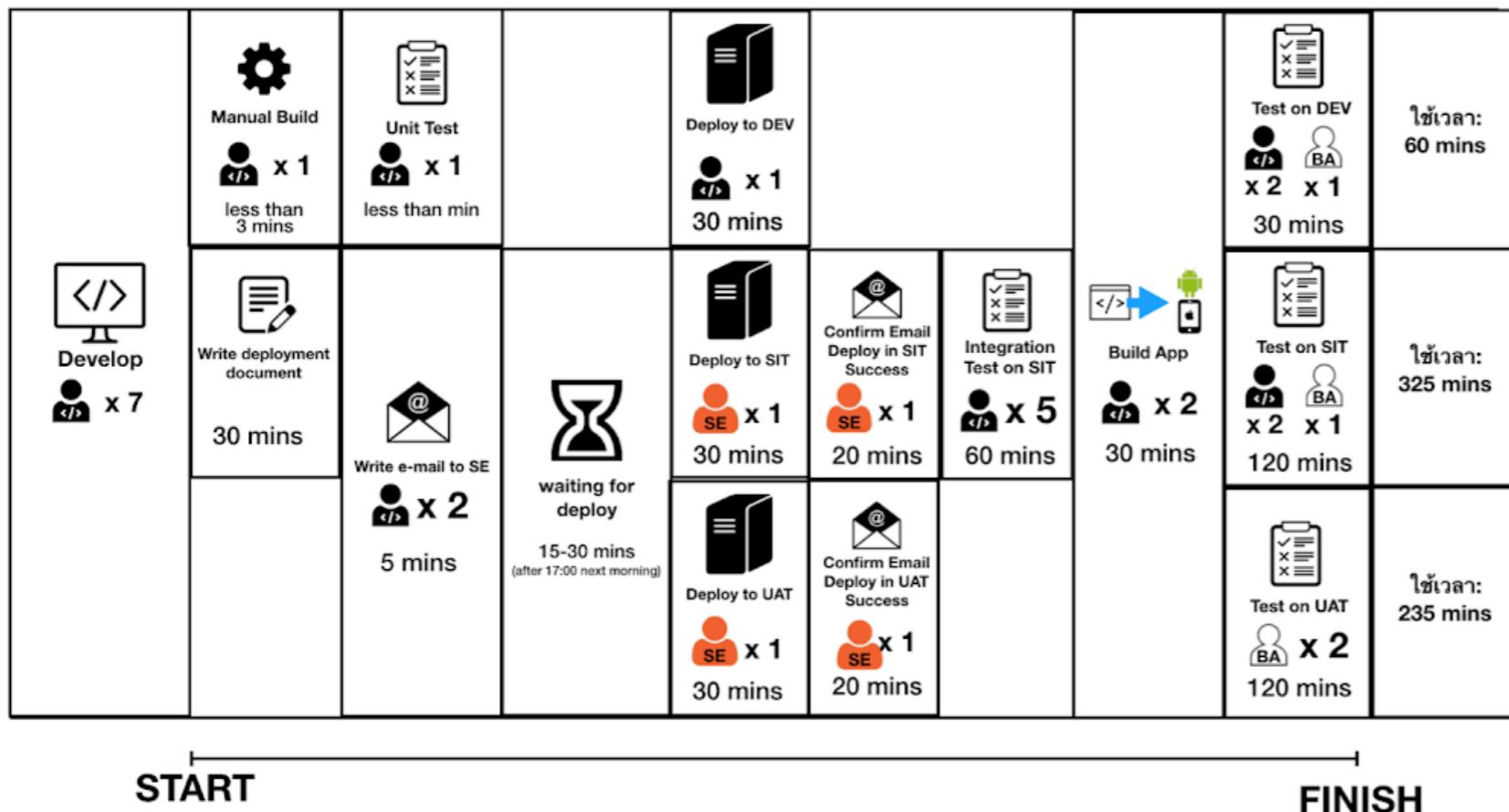


Monitor and Manage Their Process



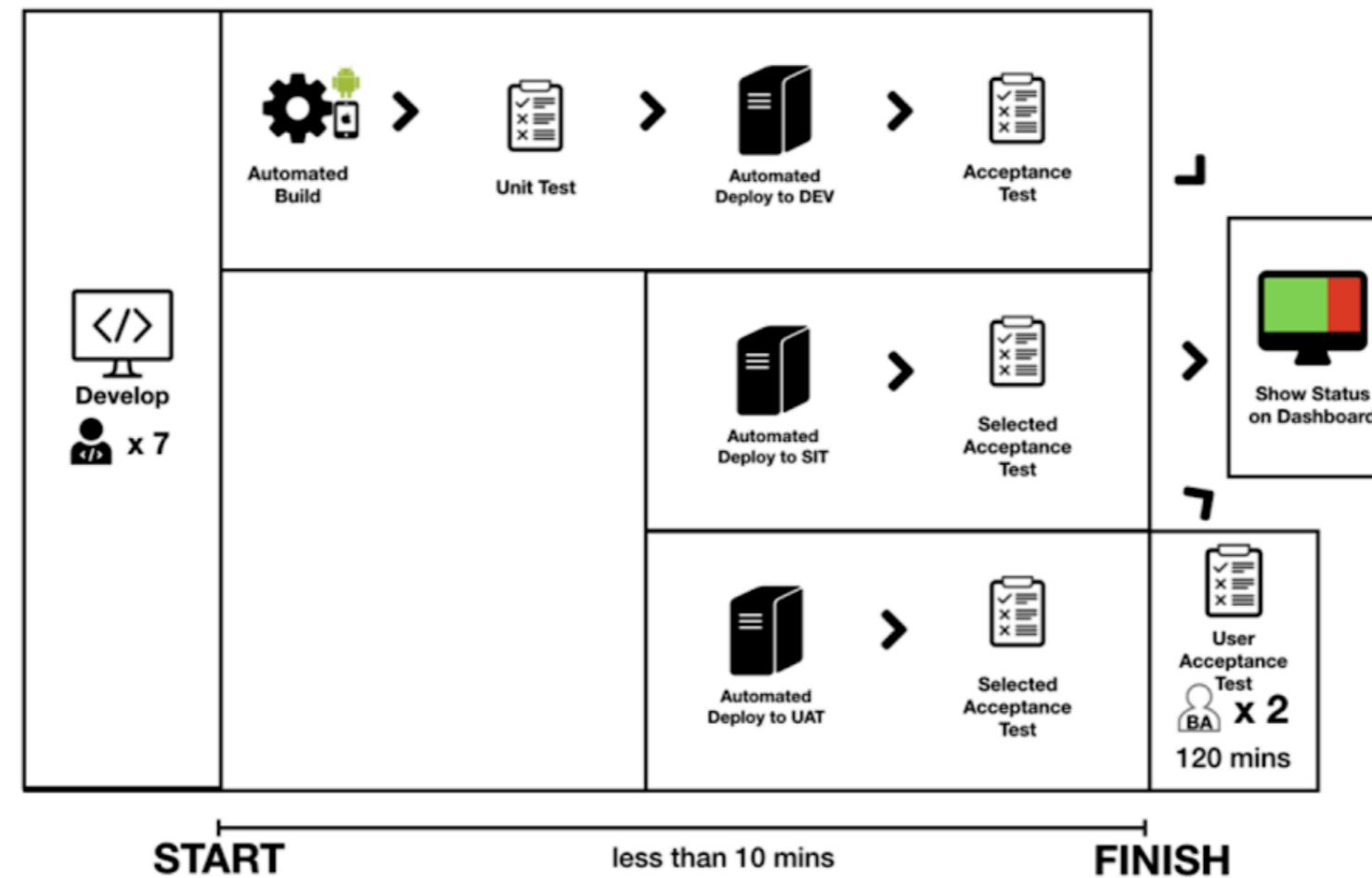
Monitor and Manage Own Progress (Case 1)

Waiting 325 minutes ในการเอา source code deploy ขึ้นที่ SIT หรือ UAT



Monitor and Manage Own Progress (Case 1)

Improve: ลดเวลาจาก 325 นาที ให้ไม่เกิน 10 นาทีในการเอา source code deploy ขึ้นที่ SIT หรือ UAT โดยใช้ Automation Build, Test and Deploy ด้วย ...



Monitor and Manage Own Progress (Case 2)



Stubby 4 J



Plain Golang



Monitor and Manage Own Progress (Case 3)



KakyKad
Jan 5 · 2 min read

Run Runner Run Results My Workspace Run In Command Line

test local just now

Run Summary Export Results Retry

tion 1

GET product http://localhost:3000/api... test / product

200 OK 19 ms 144 B

PASS Product code:P01

PASS Product name:ยาสีฟัน

ลองเขียน script test โดย import CSV เข้าใน Postman

42



KakyKad
Apr 13 · 3 min read

```
1   [
2     {
3       "product_code" : "P01",
4       "product_name" : "ยาสีฟัน"
5     }
6   ]
```

รอบนี้ลอง import JSON ใส่ใน POSTMAN ดูบ้าง

สวัสดีค่าา รอบที่แล้วลองใช้ file CSV ในการ import ไป test ใน Postman

2

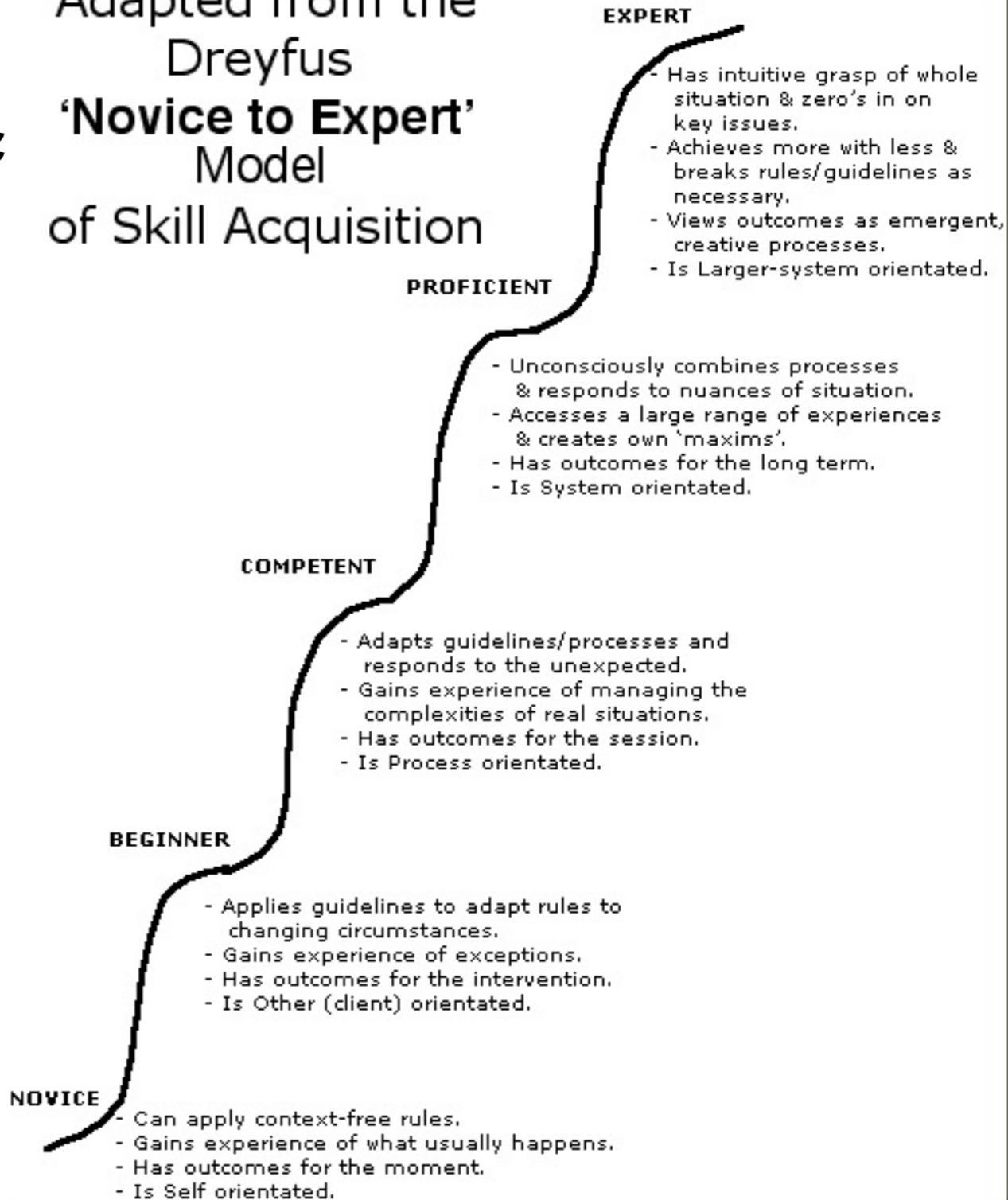


วิธีปรับเงินเดือนของทีม

จะใช้วิธีทำเคสเลื่อนระดับของตัวเอง
โดยใช้ Dreyfus model เป็นตัววัดและ
จะต้องได้ Output และ Outcome
อะไรออกมา



Adapted from the
Dreyfus
'Novice to Expert'
Model
of Skill Acquisition



Q&A



