



Push and reply







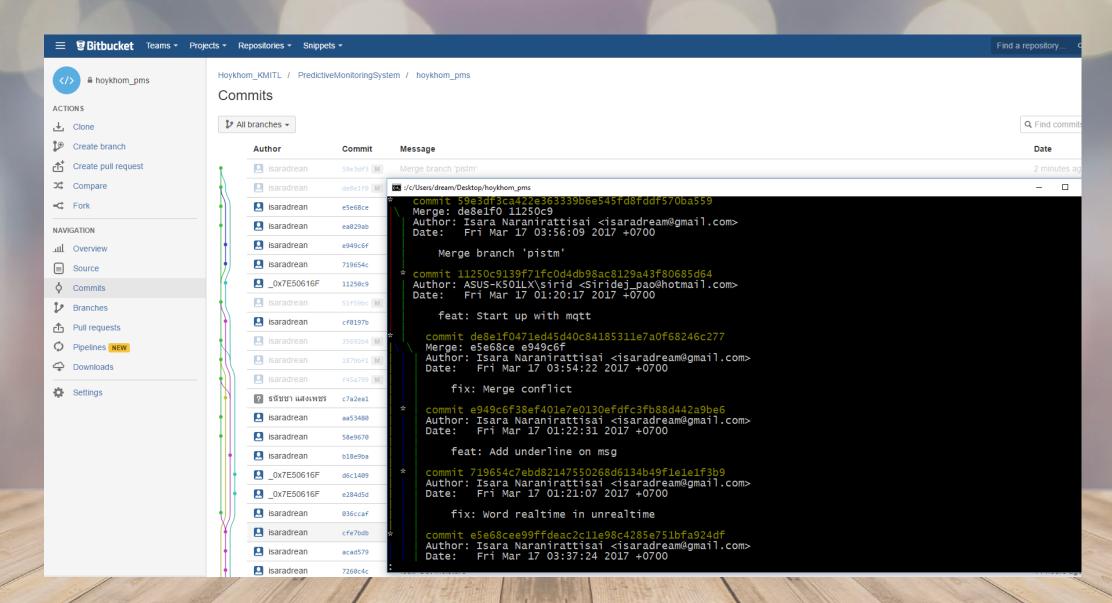
Teamworks!



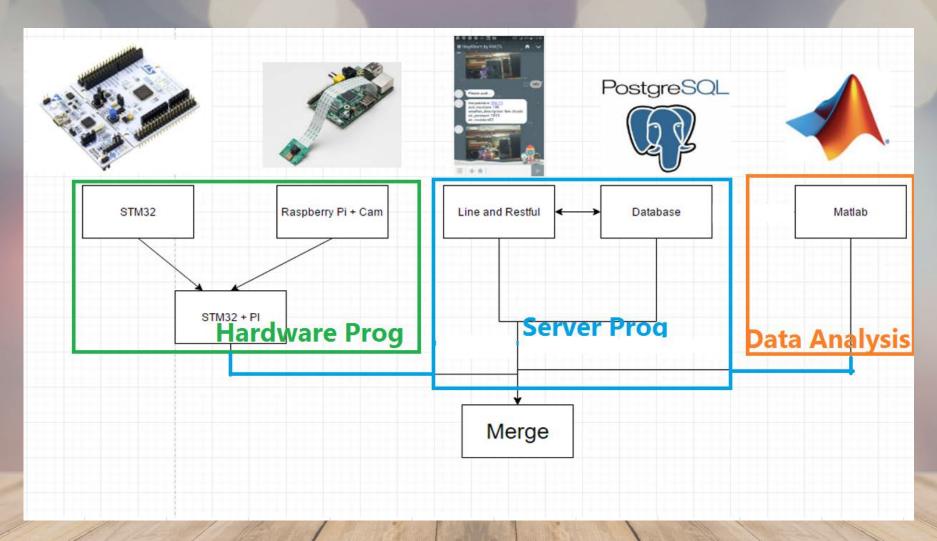
Teamworks! (1)



GIT < Bitbucket>



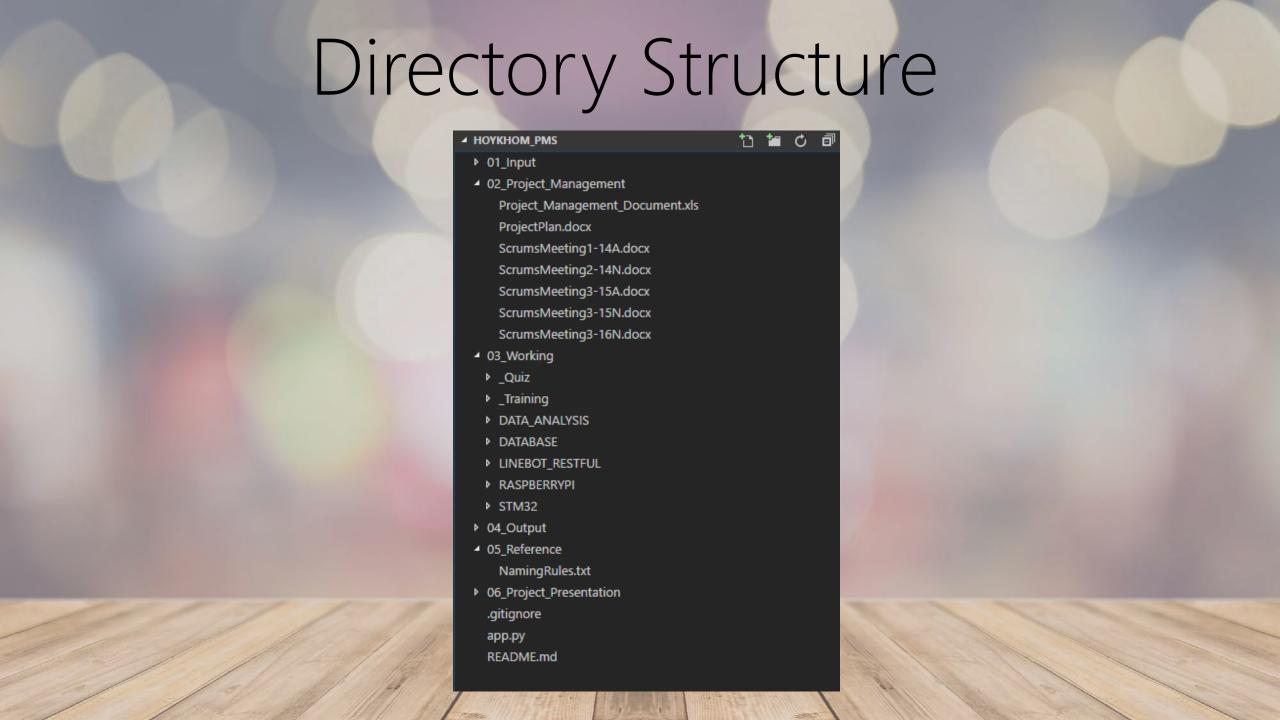
System Integration Strategy



Naming Rules

```
Filename:
        Source Code:
            {Device or Module} {Function}.{Extension}
                Stm32_ReadMoisture.c
6
            *If that source code is main/core file use
8
                main.{Extension} or app.{Extension}
9
10
        Others:
11
            {Description}.{Extension}
12
13
                README.md
14
15
            .git and .gitignore
16
17
18
        Scrume Meeting Log:
            on "02_Project_Management" dir
19
            ScrumsMeeting{Number of Meeting}-{day}{A | N}.docx
20
21
            {A | N} is 'A'fternoon or 'N'ight
22
23
24
    Commit Message:
        "{Option}: {msg}"
26
27
28
        Option:
29
            docs:
30
            style:
                       Style code to more readable (space, PEP8) but don't change code
                       Features
31
            feat:
32
            fix:
                       Fix bug or any problem
33
            refactor: Refactor code
34
            test:
                       Add test
                       Just Add file or dir
35
            add:
36
            - start with Uppercase(only 1st charactor) and then lowercase
37
38
            - Recommend verb + noun
39
40
```

41



Working Breakdown Structure

Work Breakdown Structure and Schedule

WBS Tasks Pi & STM	PIC (name)	02/1-03/12	AN	/13 NI	03	14	03	15	03/	16	03	17
	(name) N, PA		AN	NI								
Pi & STM					AN	NI	AN	NI	AN	NI	AN	N
- Learning	N, PA											
-Development	N, PA											
-Pi&STM Integration	N, PA											
-Testing	N, PA											
SERVER	D											
Learning Linebot												
- Developing Line Bot	D											
-Testing	D											
-Deploy to server	D											
-Design&Create DB	D											
-RESTful API	D											
Matlab												
-develop check size durian & Testing	Р											
-GUI in matleb & Testing	Р											
-check count and desease durien	Р											
-integration matlab program and fix bug	Р											
- kmean clustering	E											

-import and export database	E						
-Statictical visualization	E						
-Hypothesis Testing -box plot							
INTEGRATE	S_Team. H_Team. D_Team.						
Integrate	S. Team. H. Team. D. Team.						
Testing	S_Team. H_Team. D_Team.						
MONITORING	D						
-Daily Meeting	D		1				
-Team planing	*						
·							

Project Issues

Project Issues

Hoykhom, KMITL

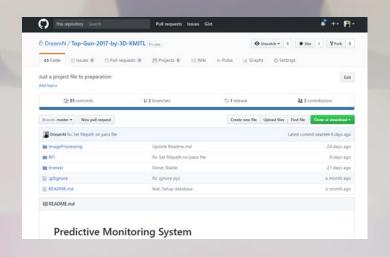


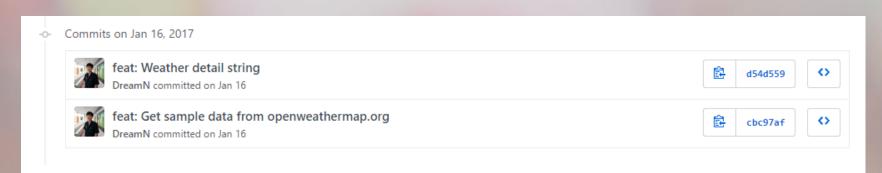
No.	Date	Issue Description	Corrective Action	PIC	Status
001	2017/03/14	Deploy Flask on heroku and Connect DB	use psycopg2	D	Close
002	2017/03/14	Matlab GUI predict weather	Learning	PE, E	Close
003	2017/03/14	Create task by tros	Done	PA, N	Close
004	2017/03/15	Integrate STM32 and RPi (Communicate) using UART (protocal: mod bus).		PA, N	Close
005	2017/03/15	Line get data from 'Wunderground' API and commit to PostgreSQL database	use psycopg2 and wunderground api	D, PE	Close
006	2017/03/15	Restful + Line	use webhook	D	Close
007	2017/03/15	Pi + Camera + local database	Done	PA	Close
800	2017/03/15	Matlab get data from restful database		D, PE	Close
009	2017/03/15	create scheduler for bot to get weather		D	Close
010	2017/03/15	Realtime get weather		D	Close
011	2017/03/15	Raspberry Pi Post file to server		Р	Close
012	2017/03/15	Matlab calculate data from db	jsonify	PE, E	Close
013	2017/03/15	Matlab commit processes file	call python	D, PE, E	Close
014	2017/03/15	Presentation		D	Close
015	2017/03/15	More Predictive (durian quality)	machine learning	PE, E	Close
016	2017/03/15	Send Graph to user	Delete Issue	D, PE	Close
017	2017/03/15	Optimize stm32 and RPi (speed and reliability)		PA, N	Close
018	2017/03/16	Matlab send file	call python	D, PE, E	Close
019	2017/03/16	Line Realtime get weather	use mqtt	D, PA	Close



Because It's our 1st time for TESA Top Gun Rally...

We're practice so hard!





Over 80+ commits on github



Chuck Cobb, Agile Project Management Author, Mentor, and Instructor Written Aug 23, 2016



It totally depends on the nature of the project. Many people might argue that Agile is the best methodology for software development and it does have significant advantages in most cases; however, saying "Agile is better than Waterfall" is like saying "A car is better than a boat". They both have advantages and disadvantages depending on the environment.

Agile/Scrum works best with projects that have high levels of uncertainty and require an adaptive approach. A plan-driven approach (what many people loosely call "Waterfall") works best in situations where the requirements are fairly certain and there is some need for predictability of project costs and schedules. And, of course, that is not meant to imply that there is a binary and mutually-exclusive choice between two extremes. There are many ways to blend an adaptive (Agile) approach with a plan-driven approach in the right proportions to fit the situation.

There is no "silver bullet" methodology that fits all possible projects and the right solution is to fit the methodology to the nature of the problem rather than force-fitting a project to some predefined methodology.

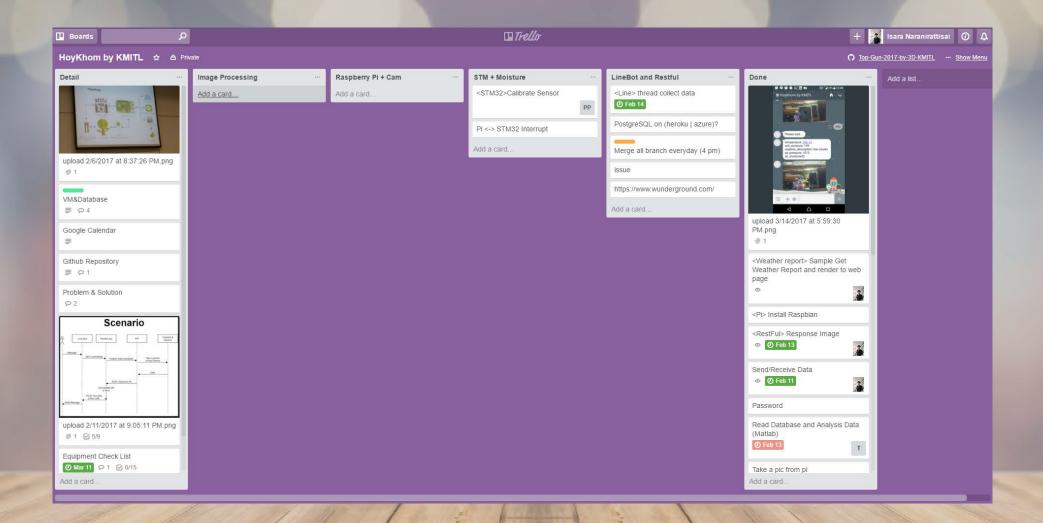
Chuck Cobb

Author of "The Project Manager's Guide to Mastering Agile"

Check out: Agile Project Management Academy

(http://agileprojectmanagementaca... 🗷)

Trello



We talk 2 times a days

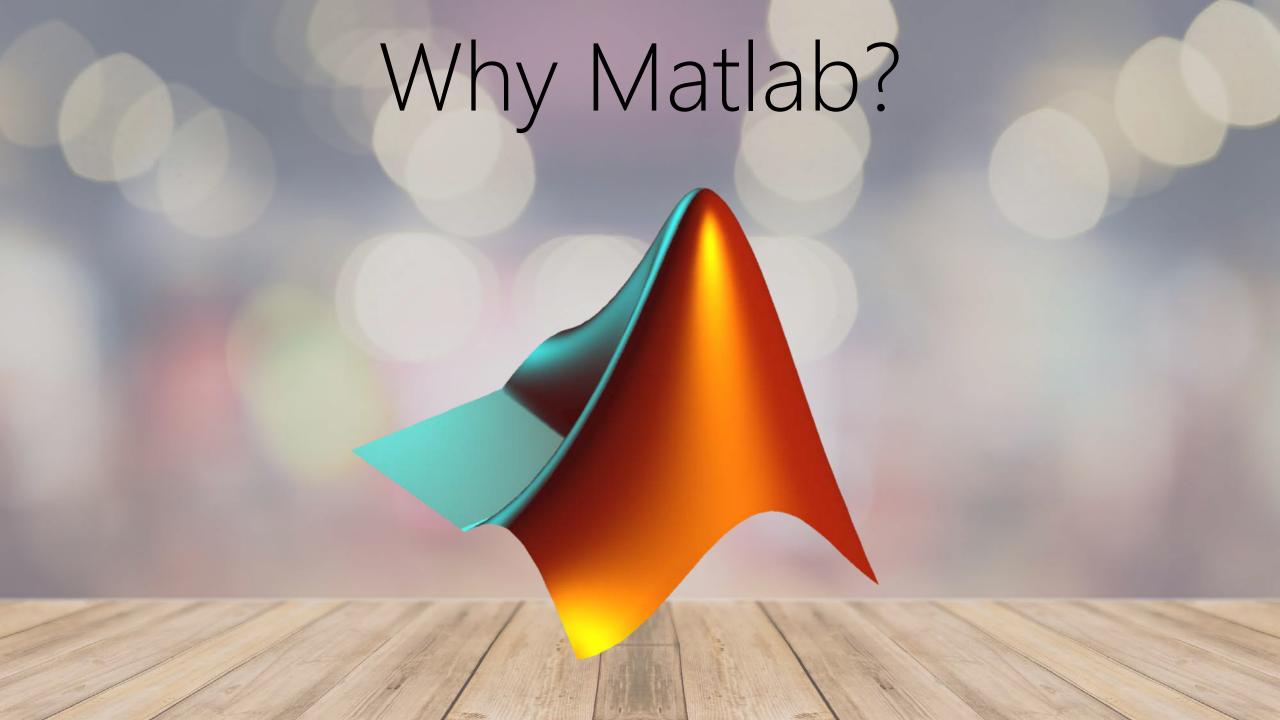
hoyk	chom_pms > 02_Project_Management	~ č	✓ 💍 Search 02_Project			
^	Name	Date modified	Туре	Size		
	Project_Management_Document.xls	3/17/2017 3:56 AM	Microsoft Excel 97	404 KB		
	ProjectPlan.docx	3/17/2017 3:56 AM	Microsoft Word D	748 KB		
	ScrumsMeeting1-14A.docx	3/15/2017 9:10 AM	Microsoft Word D	13 KB		
	ScrumsMeeting2-14N.docx	3/15/2017 9:10 AM	Microsoft Word D	16 KB		
	ScrumsMeeting3-15A.docx	3/15/2017 11:43 PM	Microsoft Word D	16 KB		
	ScrumsMeeting3-15N.docx	3/17/2017 3:56 AM	Microsoft Word D	16 KB		
	ScrumsMeeting3-16N.docx	3/17/2017 3:56 AM	Microsoft Word D	15 KB		



Problem Analysis



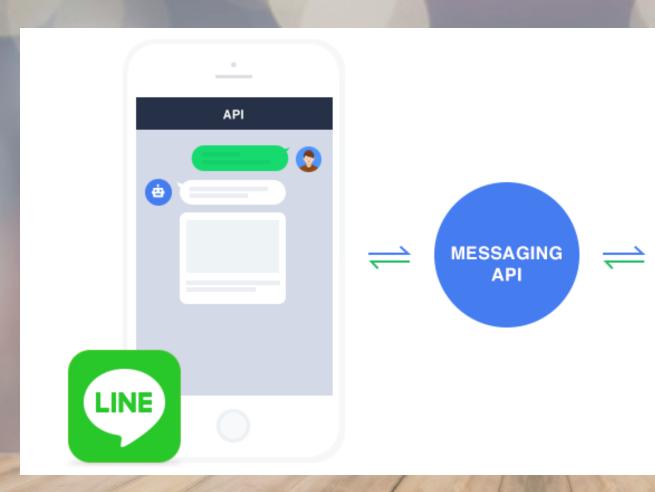


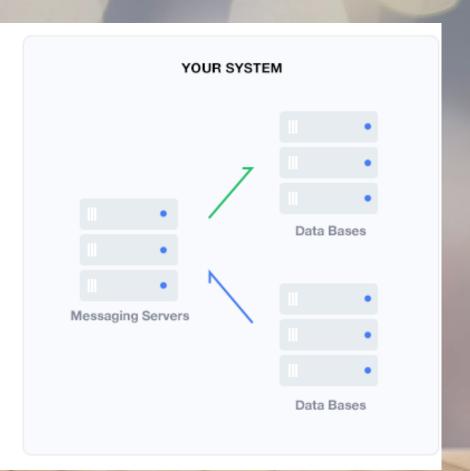


Why Heroku, Flask and psql?

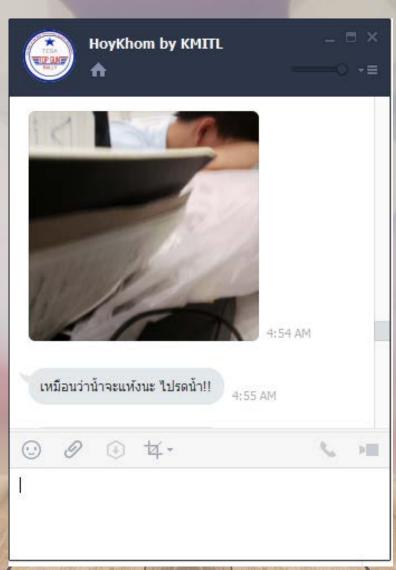


Why Line Bot API?





Why not just a web?



Thank You

