

**COMPUTER ENGINEERING**

CHIANG MAI UNIVERSITY

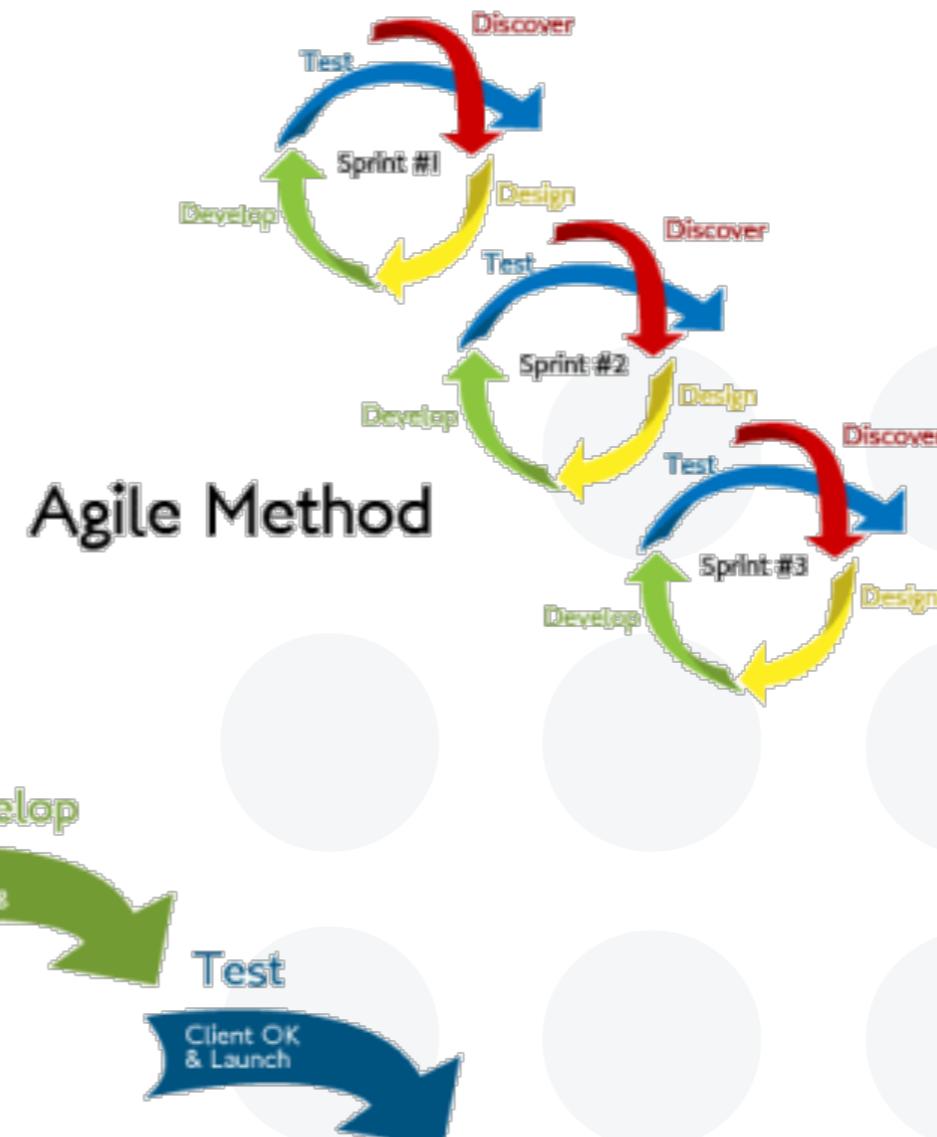
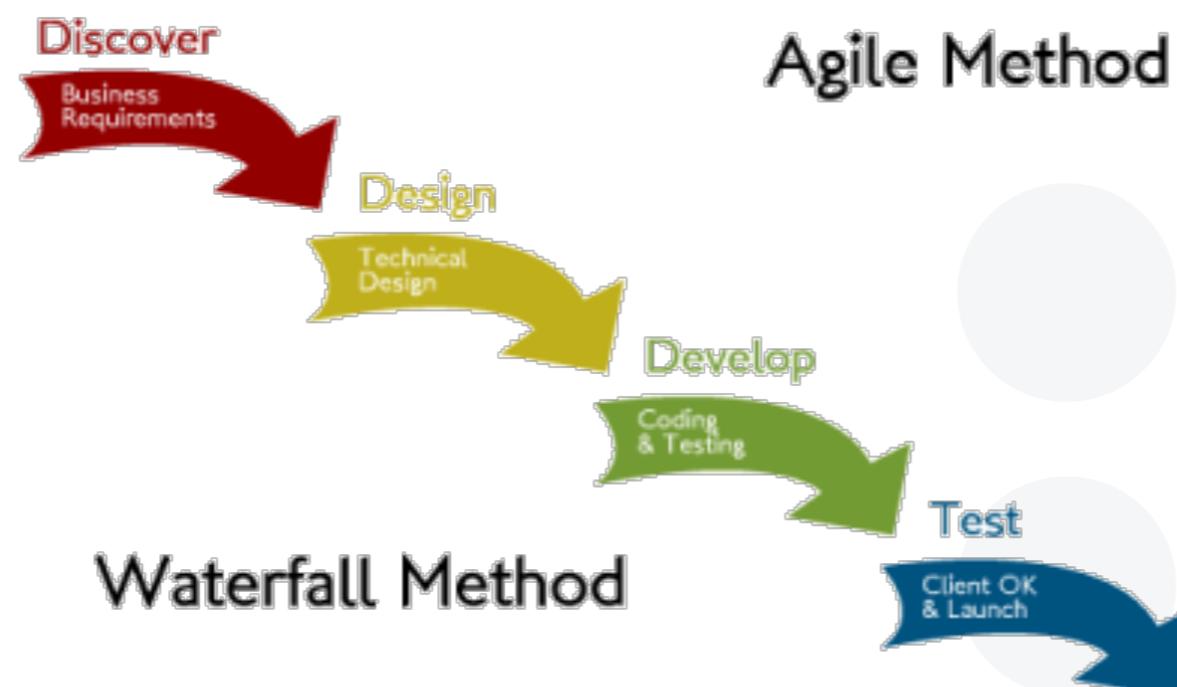


# agenda

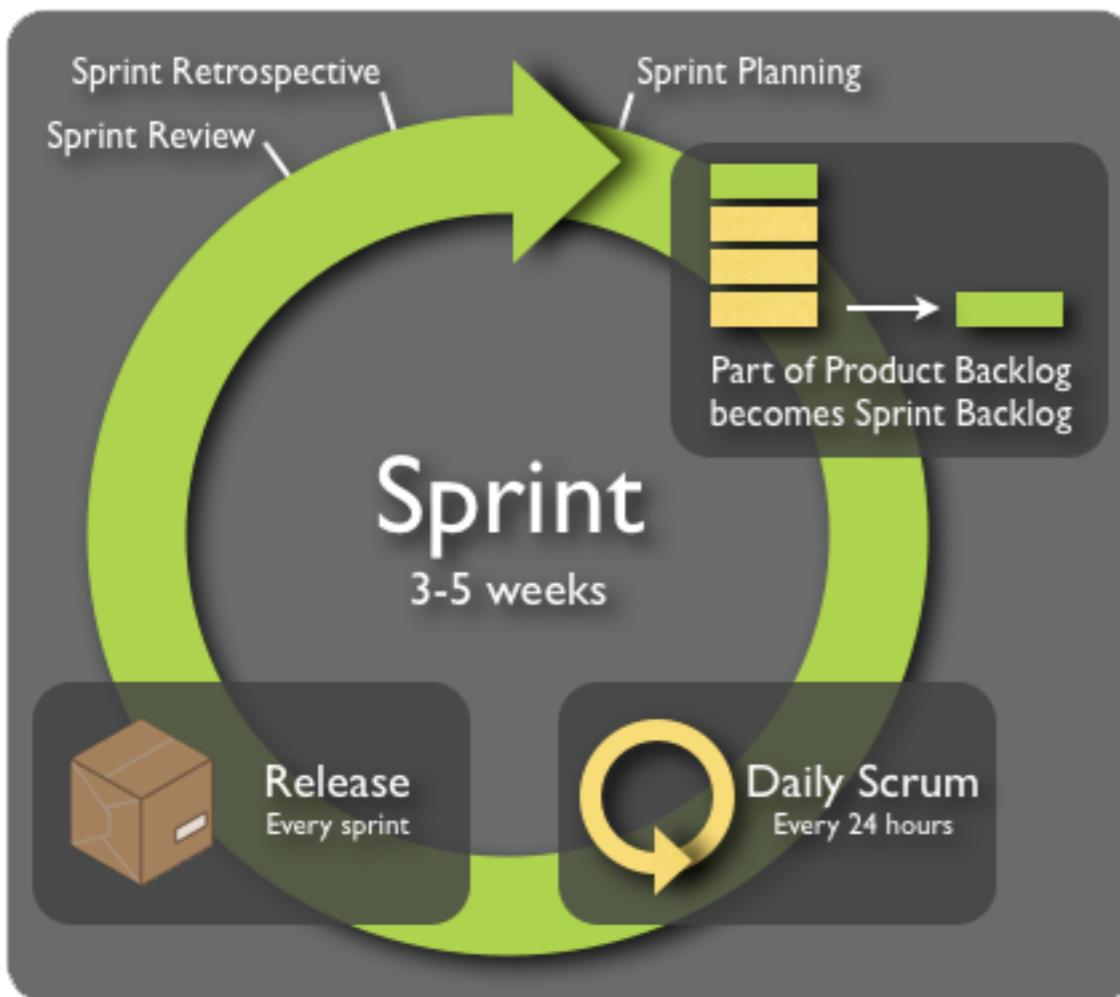
- Basic and Concept
- (mis)understand
- Real ( World ) Usage
- Sample Tools
- Tip / Trick
- FAQ and Q&A

## • Basic and Concept

### Development Methodologies



## ● Basic and Concept



4 ข้อเป็นหลักในการปฏิบัติ

ซอฟต์แวร์ที่นำไปใช้งานได้จริง มากกว่าเอกสารที่ครบถ้วนสมบูรณ์

การตอบรับกับการเปลี่ยนแปลง มากกว่าการทำตามแผนที่วางไว้

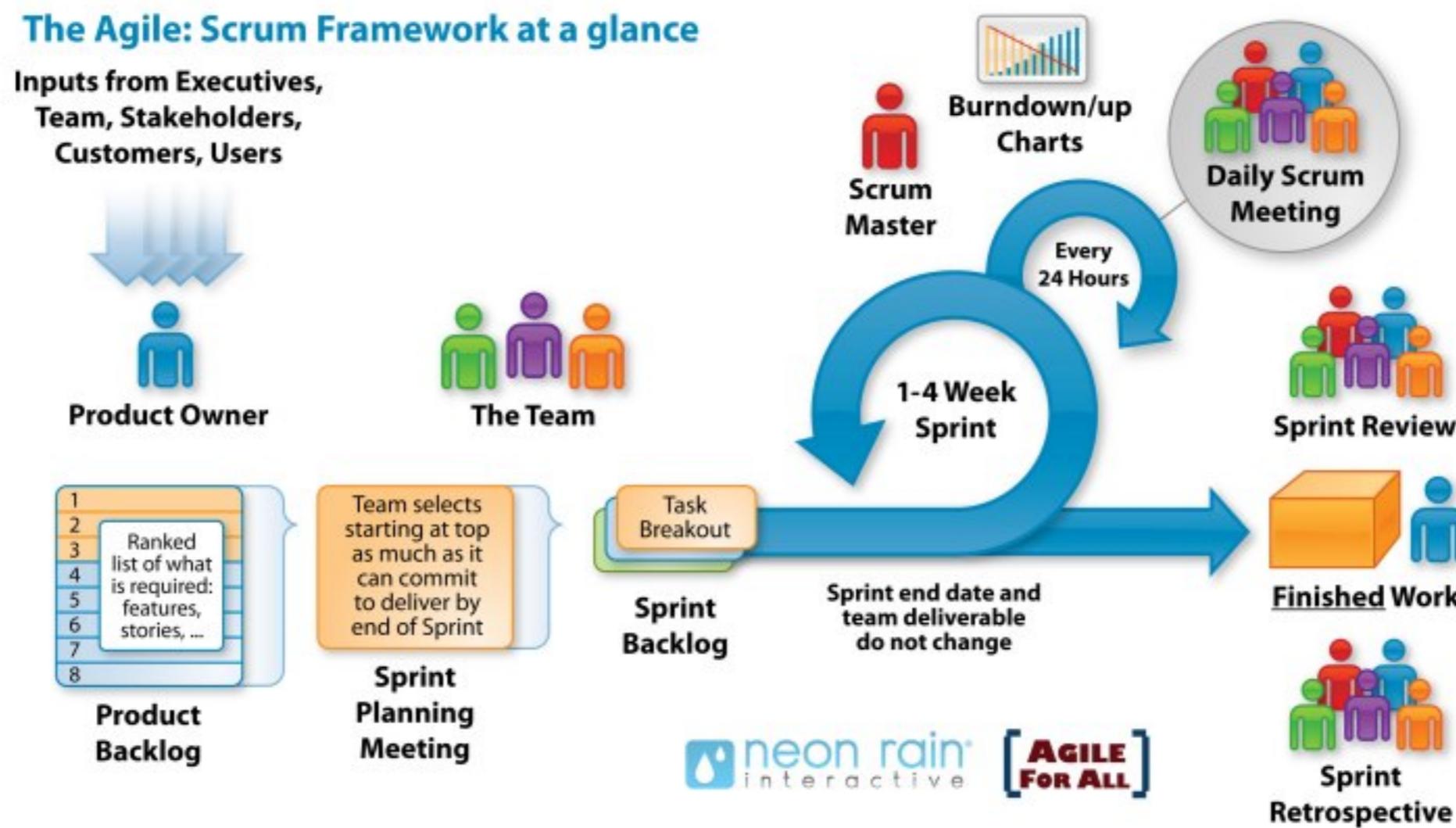
ร่วมมือทำงานกับลูกค้า มากกว่าการต่อรอง ให้เป็นไปตามสัญญา

คนและการมีปฏิสัมพันธ์กัน มากกว่าการทำตามขั้นตอนและเครื่องมือ

หลักการ 12 ข้อที่อยู่เบื้องหลังคำแผลงอุดมการณ์แห่งอิจล์



## ● Basic and Concept



การนำ Agile ไปใช้งานจะมีหลายเทคนิค  
เช่น XP (Extreme Programming) หรือ Scrum หรือ TDD (Test-Driven Development) หรืออื่นๆ

- **(mis)understand**

**7 ข้อพึงระวังของผู้ใช้ Agile ในการสร้างผลิตภัณฑ์**

<https://goo.gl/U8pAbQ>

**ว่าด้วยเรื่อง Agile จากหนังสือ The Nature of Software Development**

<https://goo.gl/wv8cty>



- Real ( World ) Concept

Understand

Rules

Tools

Practice + Adapt + Revise





## ● Sample Tools

 todoist

Open Web App Pricing Business Premium Log out

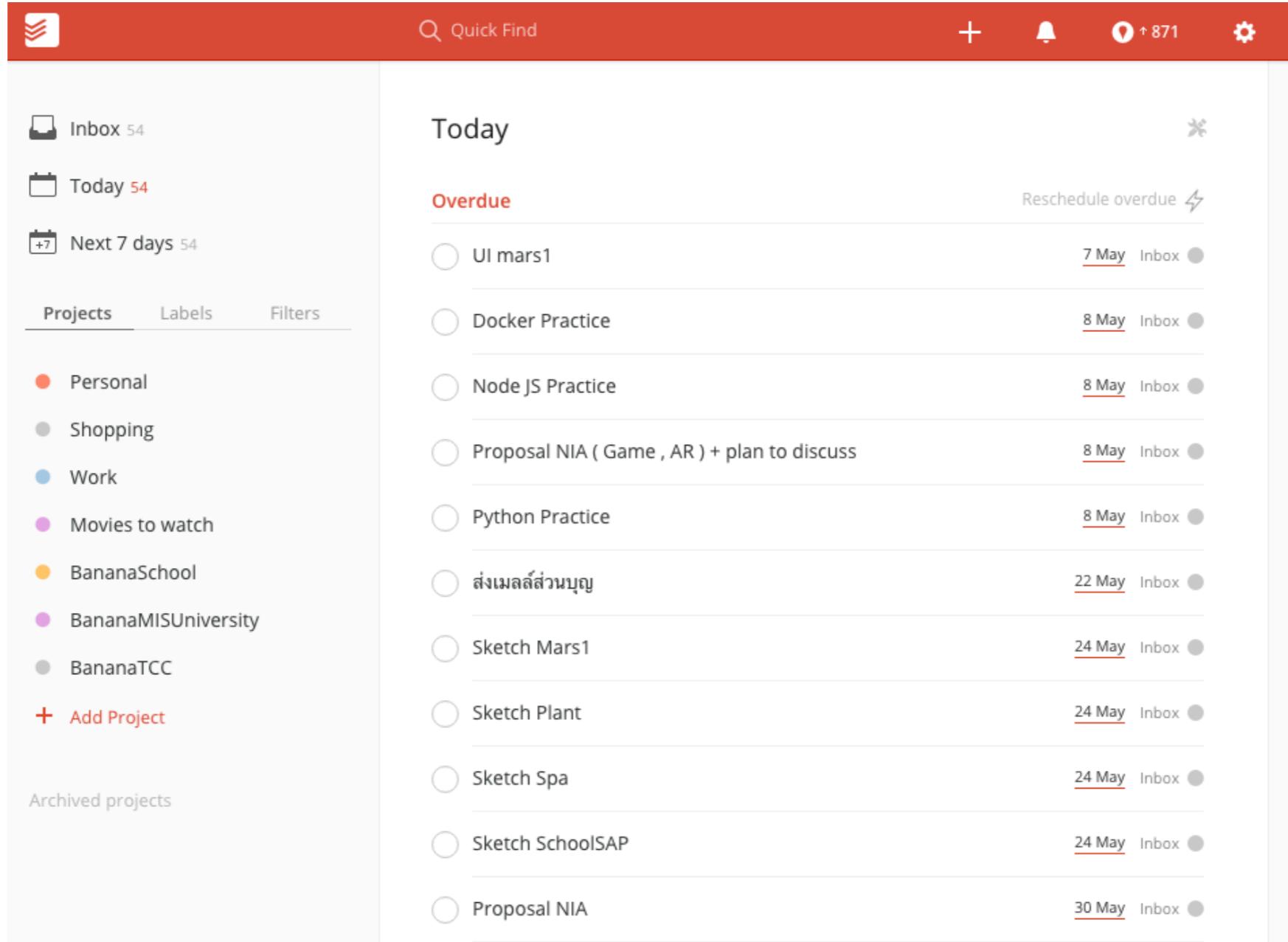


Become more organized and productive online with Todoist's task manager for Chrome.

GET THE APP - IT'S FREE

Overview Web Android iOS macOS Windows Chrome Firefox Safari Email

# ● Sample Tools



The screenshot shows a digital task management application interface. At the top, there's a red header bar with a search bar labeled "Quick Find", a "+" button, a bell icon, a notification badge with "871", and a gear icon. On the left side, there's a sidebar with a navigation menu:

- Inbox 54
- Today 54
- Next 7 days 54
- Projects** (selected)
- Labels
- Filters
- Personal
- Shopping
- Work
- Movies to watch
- BananaSchool
- BananaMISUniversity
- BananaTCC
- + Add Project
- Archived projects

The main area is titled "Today" and shows a list of tasks under the "Overdue" section. Each task has a circular checkbox, the task name, the due date (in red), the category (Inbox), and a small circular icon.

Task	Due Date	Category	Icon
UI mars1	7 May	Inbox	●
Docker Practice	8 May	Inbox	●
Node JS Practice	8 May	Inbox	●
Proposal NIA ( Game , AR ) + plan to discuss	8 May	Inbox	●
Python Practice	8 May	Inbox	●
ส่งเมลล์ส่วนบุญ	22 May	Inbox	●
Sketch Mars1	24 May	Inbox	●
Sketch Plant	24 May	Inbox	●
Sketch Spa	24 May	Inbox	●
Sketch SchoolSAP	24 May	Inbox	●
Proposal NIA	30 May	Inbox	●



## ● Sample Tools

The screenshot shows a Trello board titled "Best Trello Integrations". The board is organized into several columns representing different categories:

- Task management:**
  - Set up recurring cards
  - Duplicate cards
  - Turn emails into cards
  - Organize multiple to-do lists
- Project Management:**
  - Create cards from new form submissions
  - Get alerts for board activity
  - Start tracking time
  - Record card activity
- Marketing:**
  - Curate content ideas
  - Manage an editorial calendar
  - Promote content
  - Stay on top of social media
- Development:**
  - Track product development progress
  - Kick off QA testing
  - Prioritize software issues
  - Act on customer feedback
- Support:**
  - Manage help desk volume
  - Oversee help doc creation
- Operations:**
  - Add a card...



## ● Sample Tools

### PROJECT EXAMPLE 1 BACKLOG

1% 413 project points 413 defined points 5 closed points 0 points / sprint

SHOW FILTERS SHOW TAGS + ADD A NEW USER STORY

User Stories	Status	Points
#14 Create testsuite with matrix builds	New	13
#15 Exception is thrown if trying to add a folder with existing name	Ready	9.5
#16 Fixing templates for Django 1.6.	Ready	14
#17 Add setting to allow regular users to create folders at the root level.	Ready	41
#18 Experimental: modular file types	Ready for test	20

### SPRINTS

5 sprints + NEW SPRINT

Sprint 2014-12-16  
16 Dec 2014-31 Dec 2014 5 closed 83 total

#1 Feature/improved image admin 5

#5 Add tests for bulk operations 32

#8 Migrate to Python 3 and milk a be... 46

SPRINT TASKBOARD

# ● Sample Tools

Home Feed Projects ERP Phase III Donnelly Apartments Construction

Donnelly Apartments Construction  
Owner: Helen Collins [Show Project Overview](#)

Start Date: 10/03/2016 Due Date: 02/01/2018 Time lag: 345 Days to go

33%

**Timesheet Summary**  
View the project billing status

Billable Non Billable Total  
**145:34** **8:30** **154:04**

**Bug Status**  
Track the closure of the Bugs

Open Closed Total  
**5** **3** **8**

**Task Progress Chart**  
Get the task count against a completion percentage

Task Count  
Completion Percentage

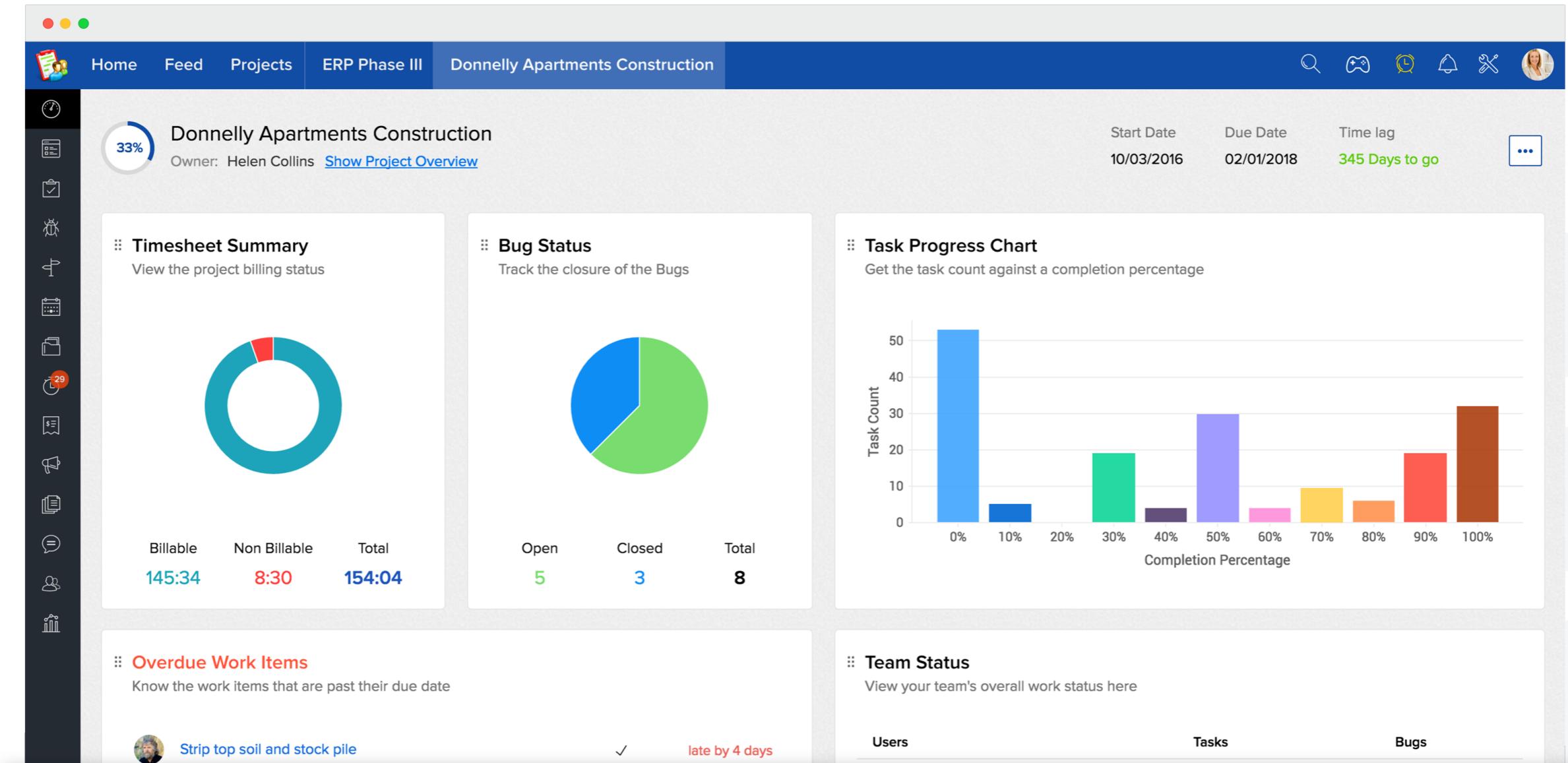
Completion Percentage	Task Count
0%	52
10%	5
30%	18
40%	4
50%	29
60%	4
70%	9
80%	6
90%	19
100%	31

**Overdue Work Items**  
Know the work items that are past their due date

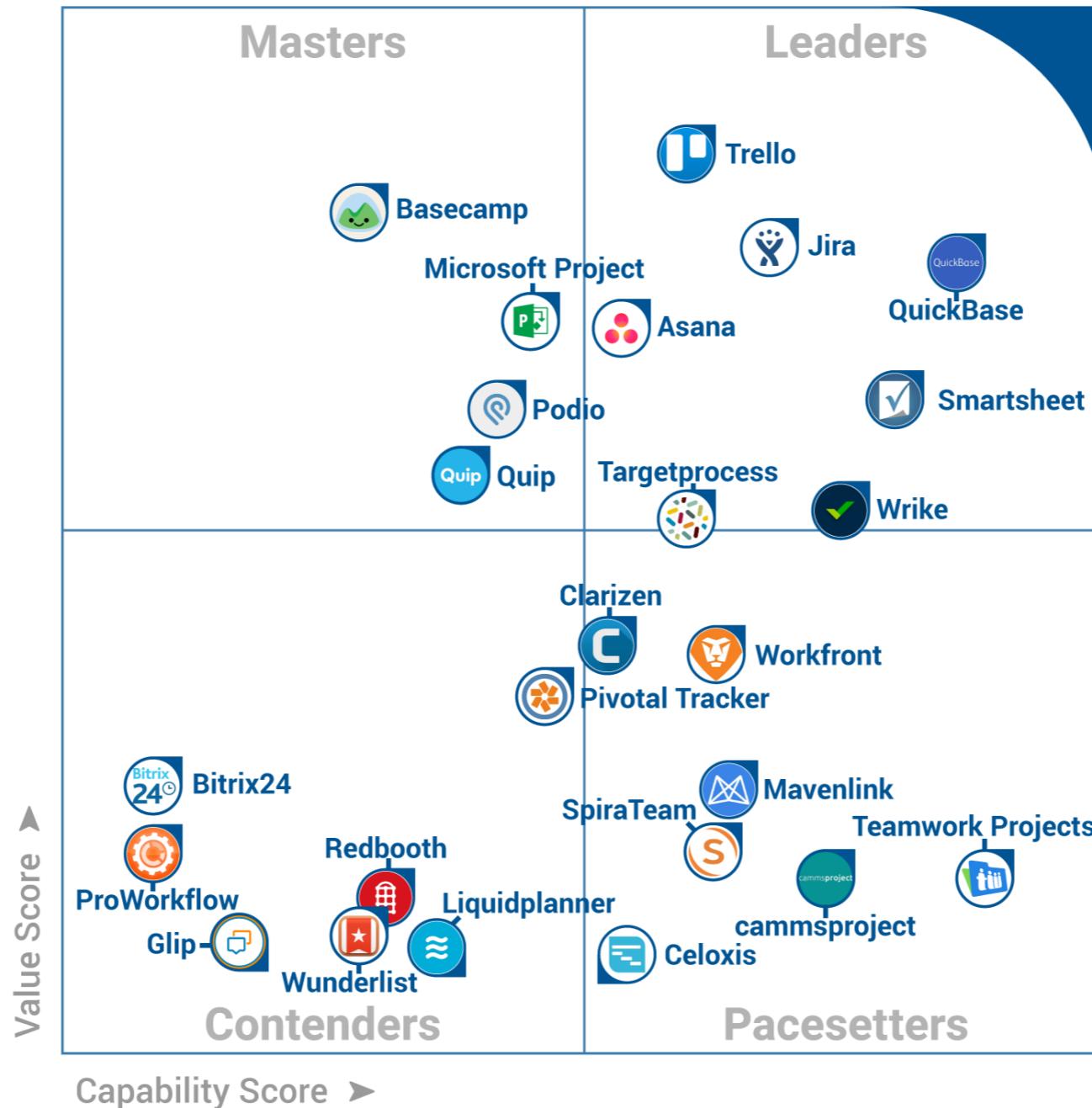
Strip top soil and stock pile ✓ late by 4 days

**Team Status**  
View your team's overall work status here

Users Tasks Bugs



- Sample Tools
  - (many) more





- Sample Tools
  - (many) more



by Disarea U.C.



by Websystems Inc.



by AtTask Inc.



by 37signals



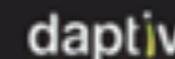
by Celoxis Technologies Pvt. Ltd.



by Central Desktop Inc.



by Clarizen Inc.



by Daptiv



by Synage Software Pvt. Ltd.



by Doolphy



by Secure Data SRL



by Webbreakstuff, Ltd.



by Harvest



by Ninian Solutions Ltd



by LiquidPlanner, Inc.



by Mavenlink, Inc.



by Podio ApS



by ProActive Software Ltd



by Visma Group



by Smartsheet.com



by Teambox



by Tenrox Project Management  
Software & Workforce Management  
Solutions



by Wrike, Inc.



by Zoho Corporation Pvt. Ltd.

- Tip / Trick



Microsoft Teams

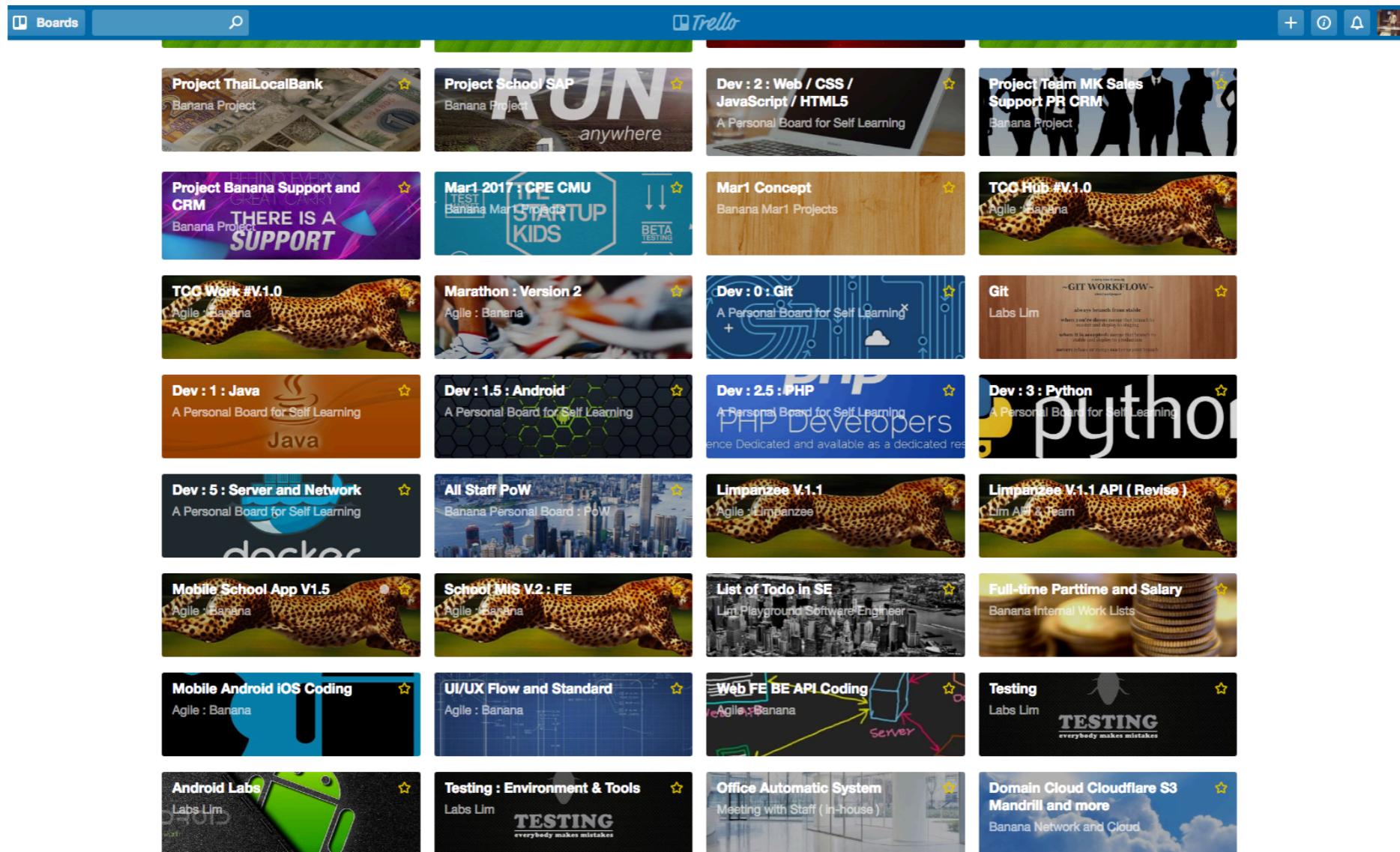


Webhooks เป็น HTTP POST ที่คุณแจ้งเตือนความเคลื่อนไหวทั้งหมดที่เกิดขึ้นกับ  
สร้าง Web API ? ไม่เห็นต้อง Code เลย !

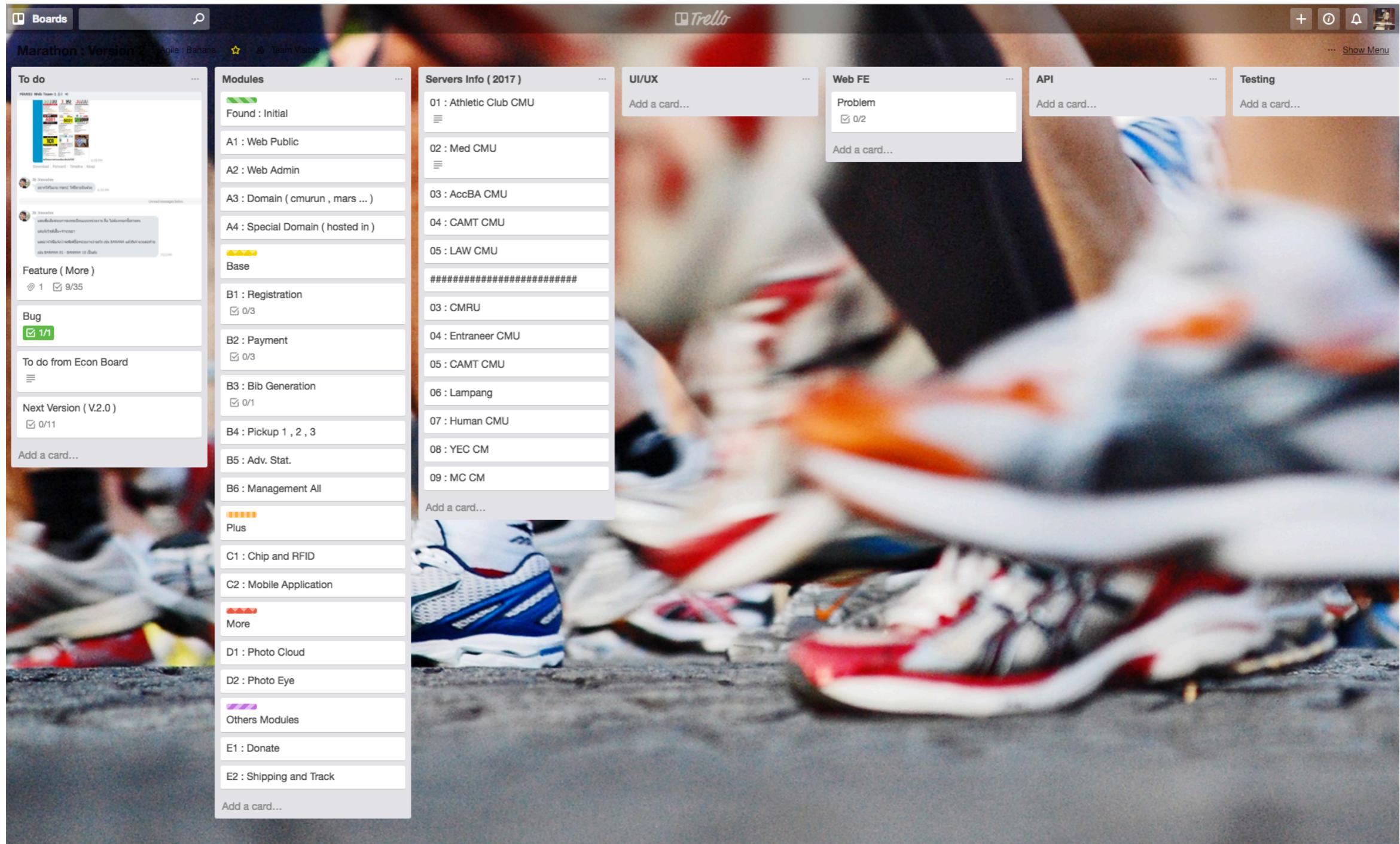
**Microsoft Teams Incoming Webhook - Message Formatting**

<https://goo.gl/JP4n4v>

# • Real ( World ) Usage



# • Real ( World ) Usage





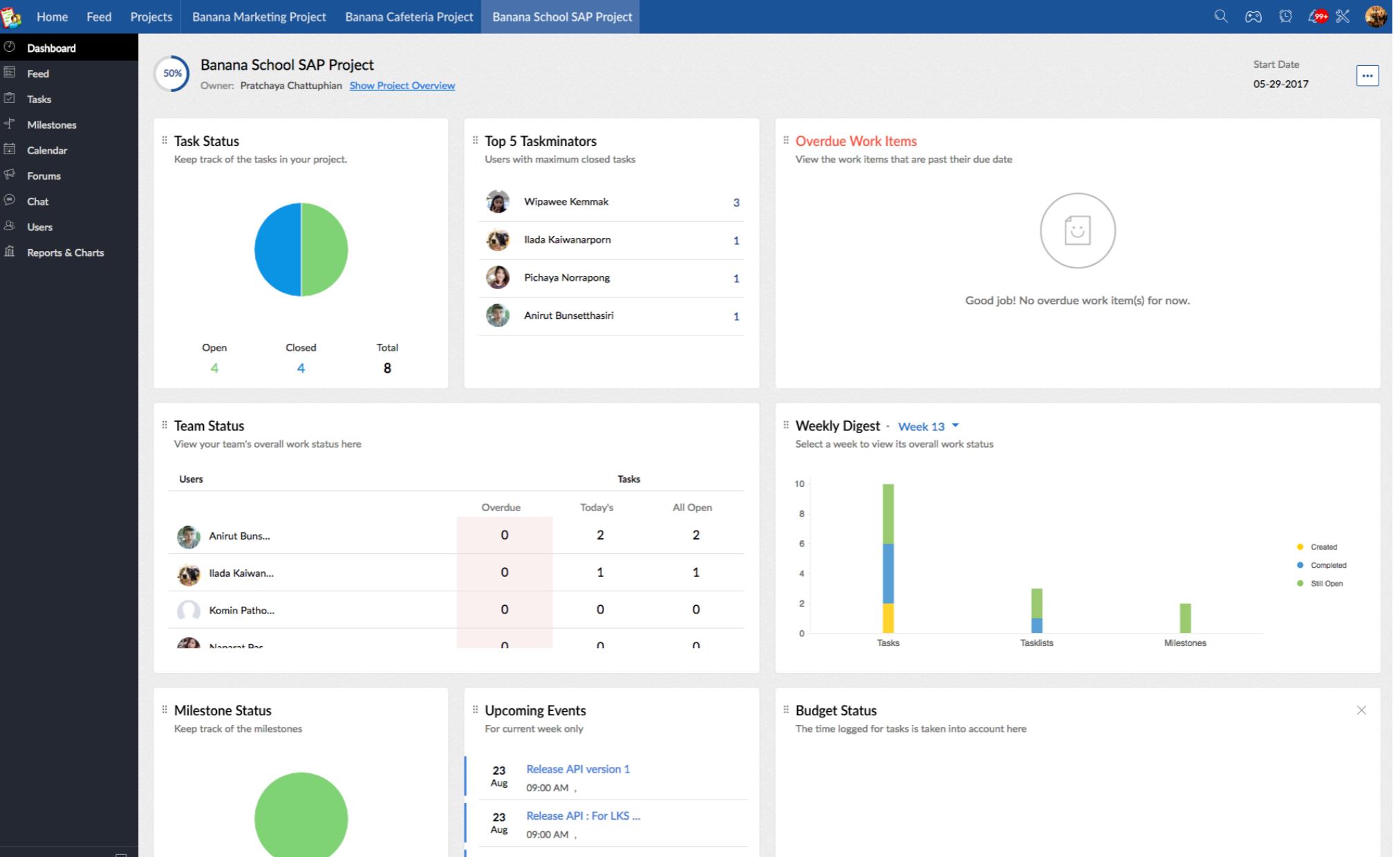
# • Real ( World ) Usage

The screenshot shows a Trello board titled "Marathon : Version 2.0". The board has several lists: "To do", "Modules", "Feature ( More )", "Bug", "To do from Econ Board", and "Next Version ( V.2.0 )". The "Next Version ( V.2.0 )" list contains a single card titled "Next Version ( V.2.0 )" which is currently selected. This card has a checklist with the following items:

- Checklist
  - Profile System
  - One/Cover Page for all Events
  - Customization by each Events ( template , color , fonts , .. )
  - Facebook , Google+ Login
  - SMS for notification ( Payment Approve , Pick up alert , Day to start alert + Preparation )
  - FE / API
  - Edit email and send mail ? For inform ?  
Add an item...
- Checklist Payment
  - Credit Card + Transfer : Omise
  - Paper Transfer บัตรเดบิตไทย ( UI/UX , all Browsers )
  - Counter Services : Pay at all  
Add an item...
- Checklist Server
  - Nginx  
Add an item...

On the right side of the card, there are sections for "Add" (Members, Labels, Checklist, Due Date, Attachment) and "Actions" (Move, Copy, Subscribe, Archive). Below the card, there is a "Share and more..." button. At the bottom, there is a "Comment" section with a text input field and a "Save" button, followed by an "Activity" section showing recent changes made by "pratchaya.note".

# • Real ( World ) Usage



The screenshot displays a project management dashboard for the "Banana School SAP Project". The top navigation bar includes links for Home, Feed, Projects, Banana Marketing Project, Banana Cafeteria Project, and Banana School SAP Project. The main header shows the project name, owner (Pratchaya Chattuphan), and a progress bar indicating 50% completion.

**Task Status:** Shows a pie chart with 4 Open tasks and 4 Closed tasks, totaling 8. A table provides a breakdown of task status for each user:

User	Overdue	Today's	All Open
Anirut Buns...	0	2	2
Ilada Kaiwan...	0	1	1
Komin Patho...	0	0	0
Nanapat Dao	0	0	0

**Top 5 Taskminators:** Lists users with maximum closed tasks:

- Wipawee Kemmak (3)
- Ilada Kaiwanarporn (1)
- Pichaya Norrapong (1)
- Anirut Bunsetthasiri (1)

**Overdue Work Items:** No overdue work items found.

**Team Status:** Shows overall work status for the team.

**Weekly Digest - Week 13:** Select a week to view its overall work status. A stacked bar chart shows the distribution of tasks, task lists, and milestones across three categories: Created (yellow), Completed (blue), and Still Open (green).

**Milestone Status:** Shows the status of milestones.

**Upcoming Events:** Lists events for the current week:

- 23 Aug Release API version 1 at 09:00 AM
- 23 Aug Release API : For LKS ... at 09:00 AM
- 23 Aug LKS parent section : ...

**Budget Status:** Shows the time logged for tasks taken into account here.

# • Real ( World ) Usage

**project\_games\_team\_2**

Tuesday, August 1st

- panupong maoomoon (jack) pushed to branch PowBugEndGame of BananaGamesGroup/ChemVersion1 (Compare changes)
  - 417f0a36: Add New Tap to Start and Win Song
    - Panupong Maoomoon
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - 417f0a36: Add New Tap to Start and Win Song
      - Panupong Maoomoon
- GitChemGame APP 1:28 PM
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - 146627e7: Add New Item
      - Panupong Maoomoon
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - 43f7d372: Add New item In GameScene
      - Panupong Maoomoon

Wednesday, August 2nd

- GitChemGame APP 10:07 AM
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - e243dc3c: Add New Coin
      - Panupong Maoomoon

Thursday, August 3rd

- GitChemGame APP 10:00 AM
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - 5037d432: New Key Store
      - Panupong Maoomoon

Friday, August 4th

- GitChemGame APP 9:31 AM
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - fb4e9f3e: Edit Avatar Head In Map
      - Panupong Maoomoon
- GitChemGame APP 1:28 PM
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - 46556221: Add New Gun
      - Panupong Maoomoon
    - 2153644d: Coin Animation Move
      - Panupong Maoomoon
- GitChemGame APP 5:59 PM
  - panupong maoomoon (jack) pushed to branch Develop of BananaGamesGroup/ChemVersion1 (Compare changes)
    - 5833a669: New Marker
      - Panupong Maoomoon

About **project\_games\_team\_2**

- Channel Details
- Pinned Items
- 6 Members
  - ilada
  - pratchaya (you)
  - cartoon2541
  - komin
  - thejejunum
  - wutthiphat
- Invite more people ...
- Shared Files
- Notification Preferences

- Real ( World ) Usage

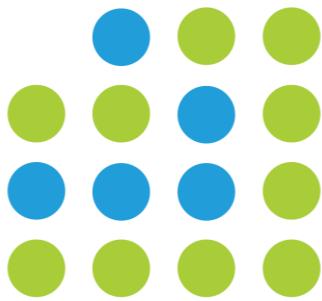
Understand

Discipline

Practice







**COMPUTER ENGINEERING**

CHIANG MAI UNIVERSITY