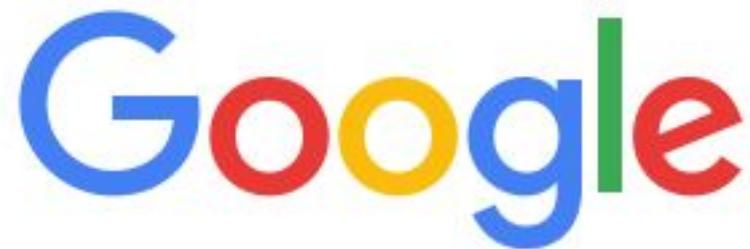




the CAP in capstone projects

Jordan Aiko Deja

@jrdndj



cramming professor meme

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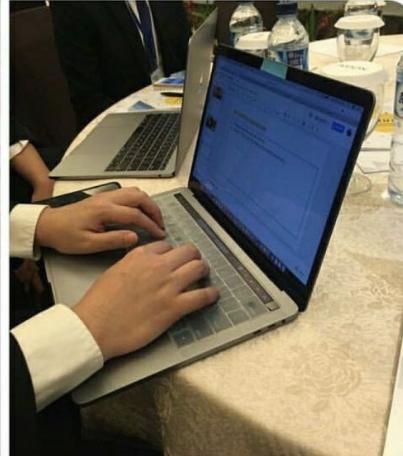
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Blaise Cruz
@finelined_

▼

If you think you're good at cramming,
my prof makes his slides and prepares
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conference IN THE CONFERENCE
ITSELF



Hi, I'm Jordan!

@jrdndj



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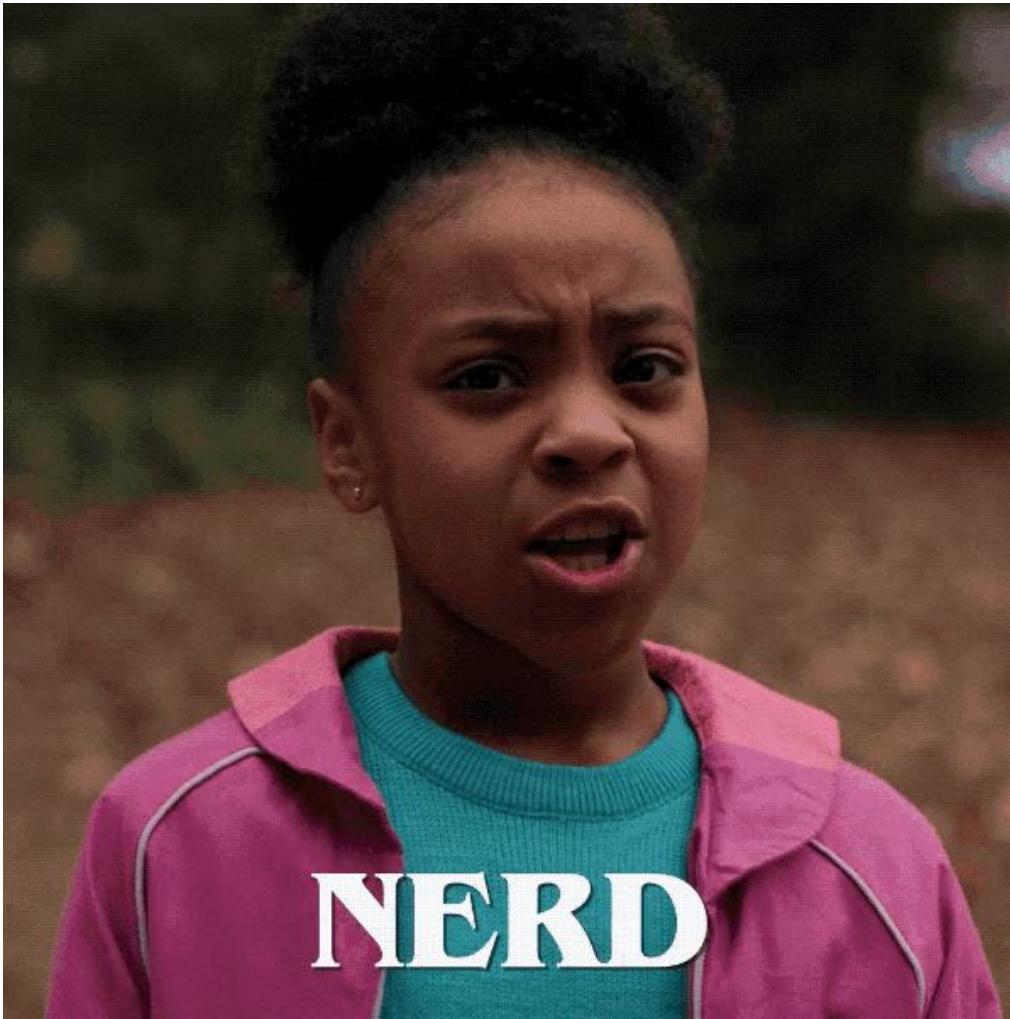
about me

 Filipino PhD student in Slovenia

 HCI research

 Director @ UXPH

 Asst. Prof @ DLSU



NERD

so today  we will talk about
the CAP in capstone projects

CAP???

-  (C) finding the right topic/idea
-  (A) approach for doing capstones
-  (P) the right attitude when working

C is for...

Contribution and Client

Find an open problem in science
and make a contribution to it.

Solve an existing problem that a
client is experiencing

or do both...

In doing either you need the right literature to support your claim...



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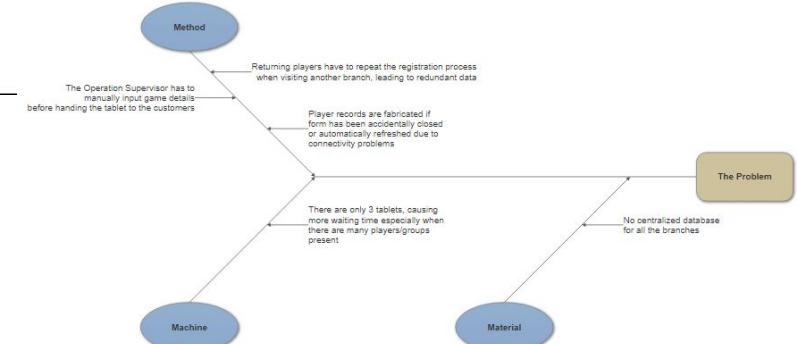
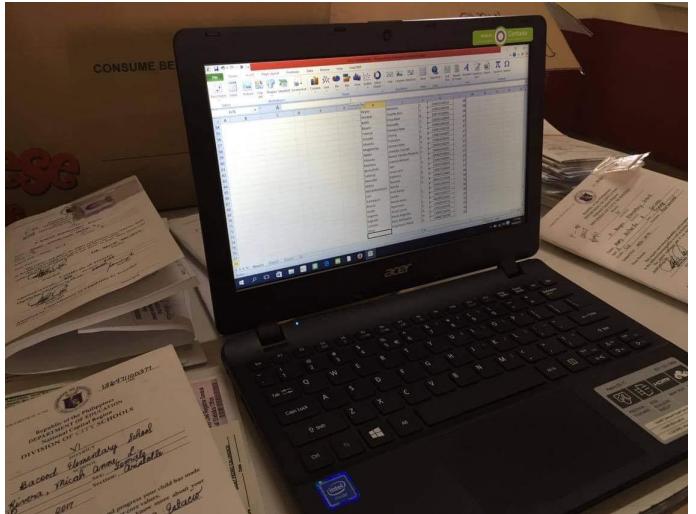
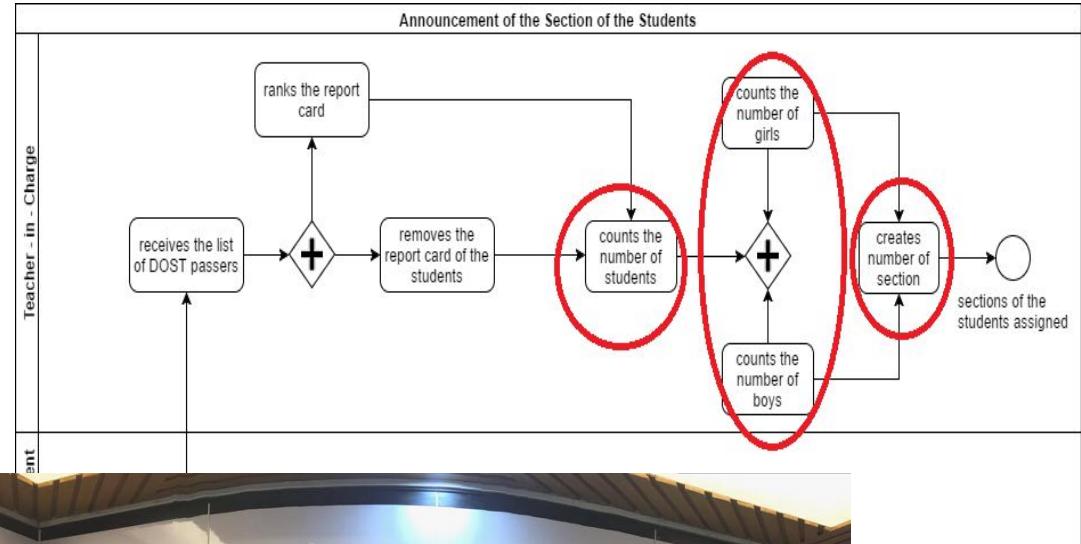
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Use the skills you already have as tools

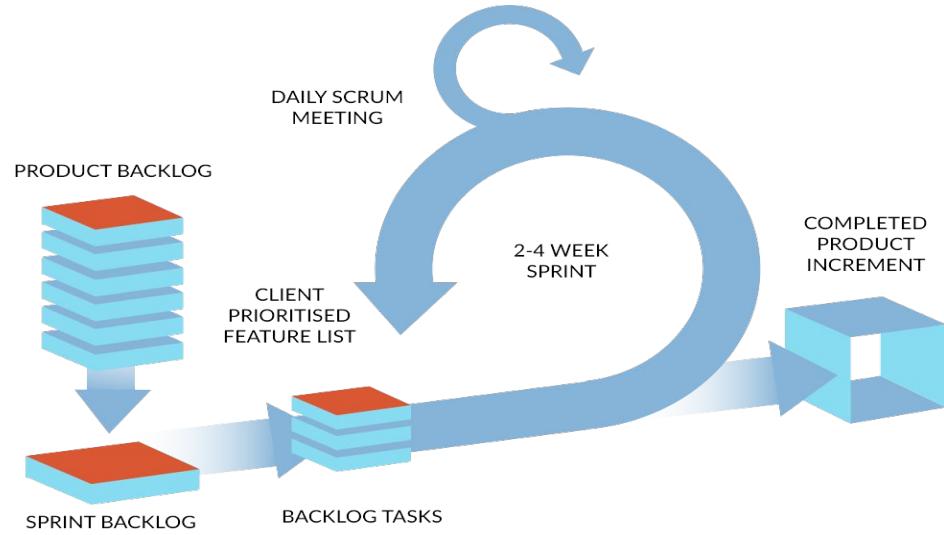
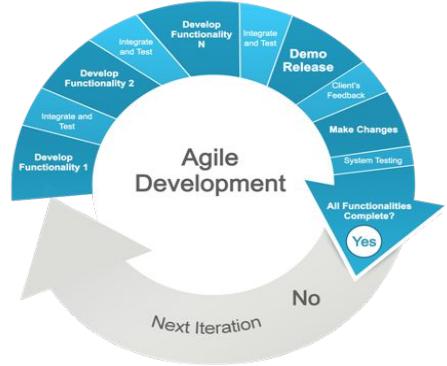


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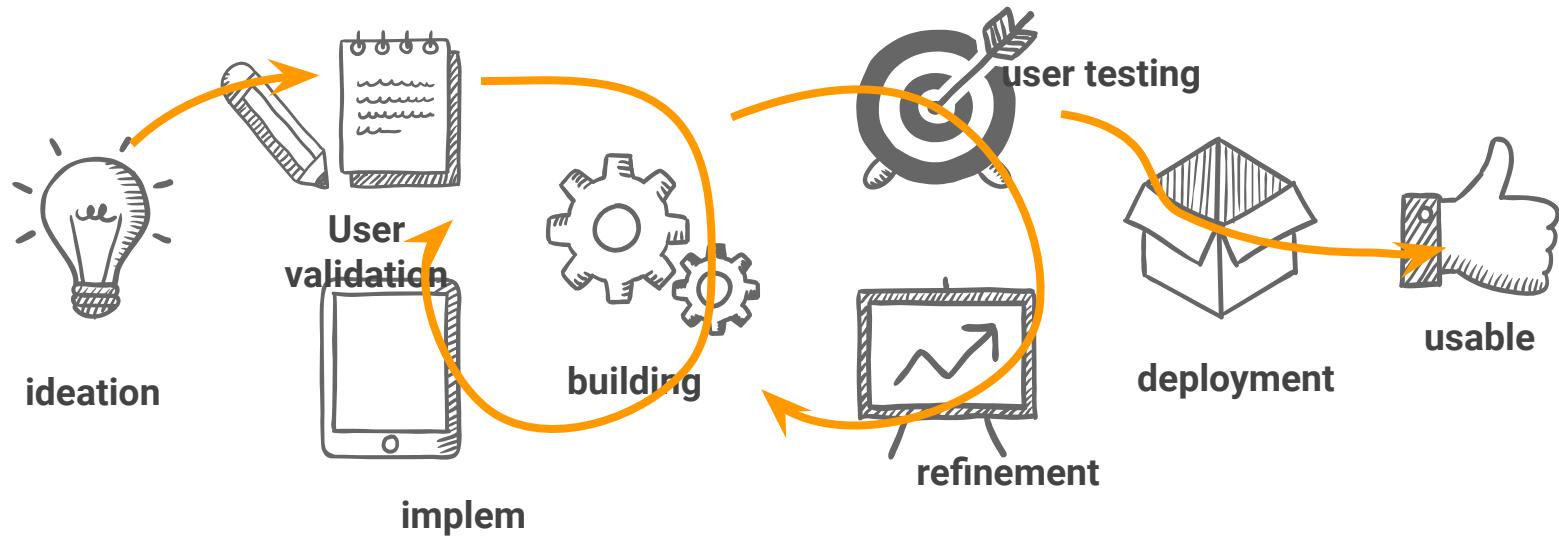
Agile

An agile methodology is a recommended approach

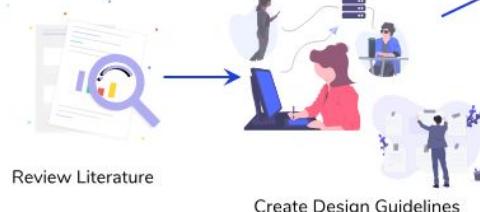
You see *tangible* progress from time to time.



for me, Agile looks like this...



Phase 1: Understand users and design guidelines



Phase 3: Verify design guidelines and assess usability



Phase 2: Design and develop solutions



consult regularly with your client because ideas and views change more frequently



these changes will annoy, frustrate you

Which is why we need P...

Perseverance

Agile only works if we remain
consistent, disciplined and
persevere.

If there's a problem, don't keep it
to yourself. Ask your adviser,
consult your client. You can't do
the work? Tell your teammates. In
these in-between moments
usually the best times showup.

today



chuck 4:30 PM

- 1) SSL website - Chuck
- 2) Setup DB - Team to ready SQL Codes
- 3.) Files (PHP,JS,HTML) - Team (edited)

chuck@mysterymanila.com



pauline [REDACTED] 4:56 PM

Hi sir @chuck , need po na naka-https para mapagana yung service workers ng PWA for offline data sync, load, etc.



raffyduckk 10:00 PM

Hi sir @chuck , eto po reports na naisip namin for the system. If may gusto ko po kayo ipadagdag pasabi nalang.

Reports

1. Total number of bookings
2. Total booking each branch
3. Total number of bookings per room

Thank you!



10:02 PM 4. number of no show and cancelled bookings
5. Number of Bookings wt voucher codes

new messages



chuck 11:39 PM

G

Wednesday, November 29th



chuck 2:42 AM
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Today



miggy_█████ 9:08 PM
HAHA OMG NGAYON KO LANG TOH NAKITA SIR @chuck

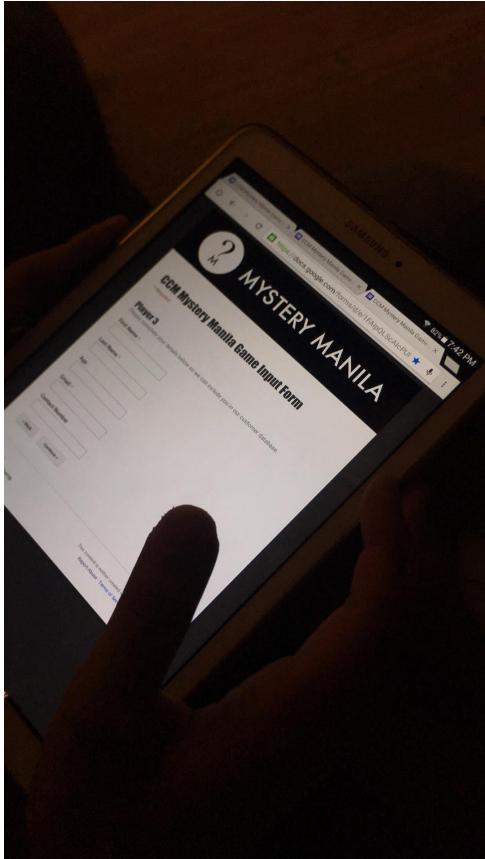


Here are some of the capstone/thesis projects I've worked on

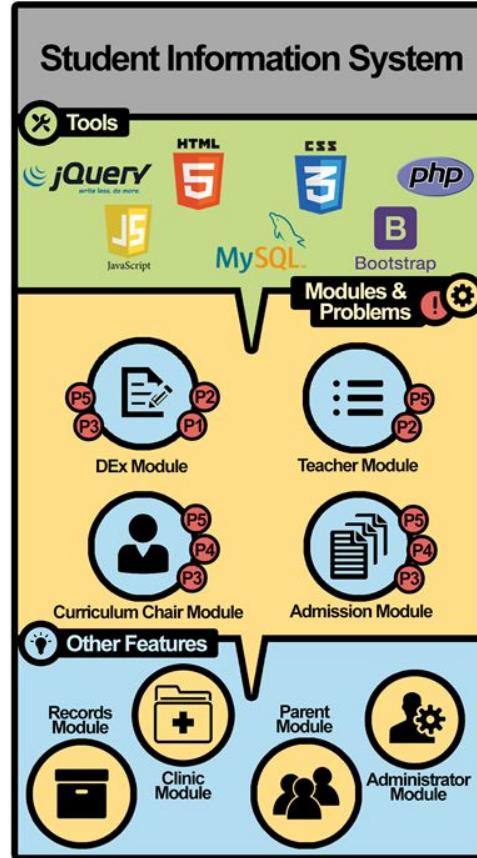
*Automated and live congested traffic detection system for Pulo, Cabuyao
Laguna (2012)*



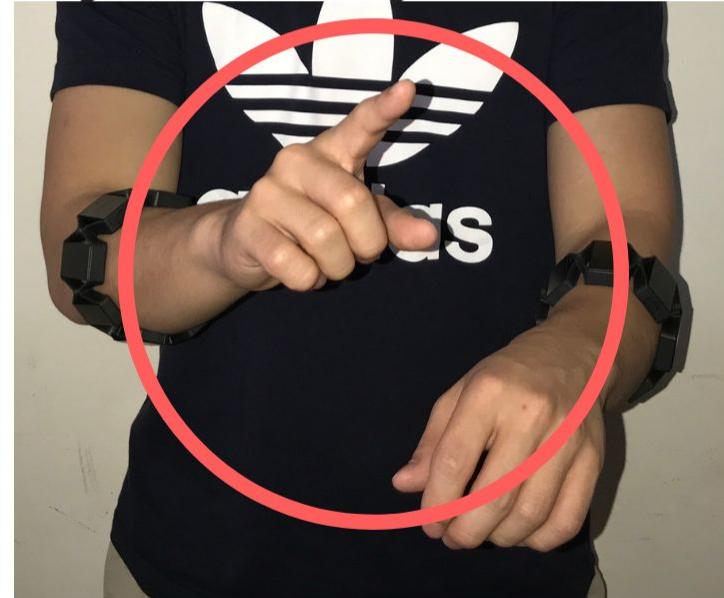
Live Mobile Registration with OCR for Mystery Manila (2018)



Student Information System for V Mapa National High School (2017)



Wearable Sign Language Translator for the Deaf and Hard of Hearing (2018)

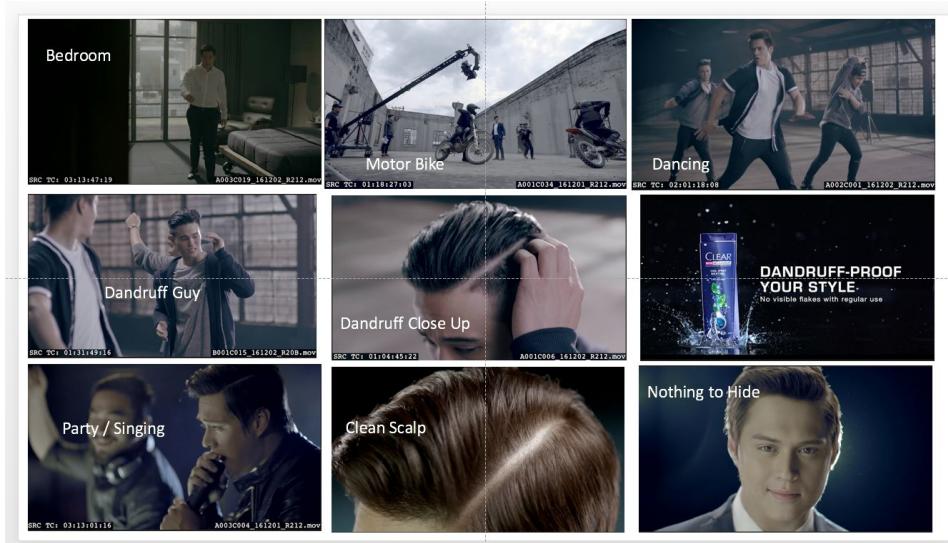




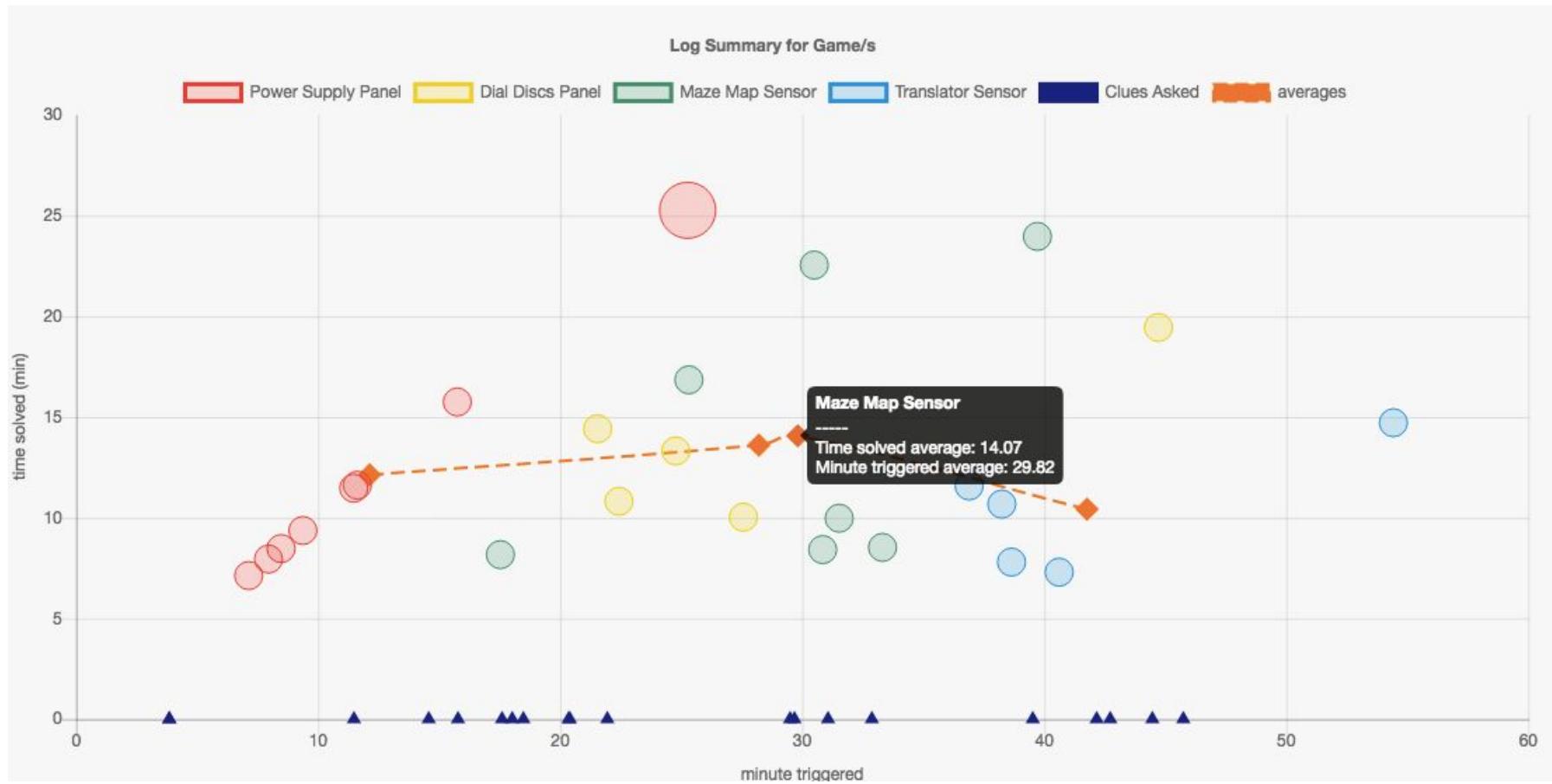
EEG Emotion Analysis for TV Commercials Experience Design (2016-2019)



NUWORKS
INTERACTIVE



IoT Analytics dashboard for Mystery Manila (2019)



4

some more useful tips

tip0

When giving feedback, always try to see if there's a better way to deliver (warm/cold) feedback.

tip1

Use an agreed platform for communication (like Slack, Discord) vs merging socmed (FB/IG).

tip2

Your capstone is the biggest project in college. But it will not define your value as an IT professional. Either way still do your best. Reflect on what worked and what didn't and learn from it.

tip3

Do not be afraid to learn a new skill/tech stack. Improvise when necessary. This is where your skills will be put to the test.

Some useful links and info

You can visit my website for more information and research ideas.

<https://jrdndj.github.io/>

If you need help on some ideas, resources, topics, feel free to contact me.

jordan.deja@dlsu.edu.ph

Jordan says thank you!



the CAP in capstone projects

Jordan Aiko Deja

@jrdndj