

Entry #1 16/7/2021 (meeting with Leanna) (2 hours)

- Two databases (discussion)
- ↳ first (Finappster Alpha & Omega) - MBIE, Blockchain, Btpong  
↳ Second (Rho)
- Leanna asks us to research our KiwiSaver Fund Scheme

Entry #2 16/7/21 (lecture) (2 hours)

- First R&D lecture
- Could have stayed at home & read the before instead  
zzzz
- Talked about Project Proposal

Entry #3 18/7/21 (Upskilled MERN) (1 hour)

- Renewed MERN & Finappster Development Situation
- Heroku
- Github actions

Entry #4 19/7/21 (ASPA Project) (2 hours)

- = Team meeting with my club project
- CodeIgniter, PHP, google sheets, Stripe API
- Restructure Database

Entry #5 20/7/21 (Meeting R&D Finappster Sigma) (2 hours)

- Renewal our KiwiSaver
- members have to find out & check their investments before the next meeting

Entry #6 - Meeting with Leanna & Barry 23/07/21 (2 hours)

- Badger gave tips & tricks for R&D
- Discussed our findings for Kiwisaver Fund
- Discuss Companies & Funds
- Don't jump the gun
- Discussed Kiwisaver User Journey

Entry #7 - MSA workshop 24/07/21 (6 hours)

- Upskilled GraphQL, Hotchocolate, .NET, C#
- Azure Devops
- Upskilled Typescript

Entry #8 - Team meeting (26/07/21) (4 hours)

- Refined Kiwisaver User journey
- Asks friends & family their opinion of the journey
- Upskilled Prism for MSA project?

Entry #9 - Team meeting online (27/07/21) (2 hrs)

- kinda leave right now

Entry #10 - Upskilling (28/07/21) GraphQL, ~~Prisma~~, Micro ORM (8 hrs)

- Difficulty to understand how to deploy to Azure.
- Found ~~PostgreSQL~~ PostgreSQL server.

## Entity #11 - Prismic Upstilling (29/07/21) (1 hour)

- ↳ Finally connected Prismic with Graphql MongoDB
- ↳ need to find how to connect with graphql

## Entity #12 - Client meeting (30/07/21) (2 hr 30 min)

- ↳ meeting with Leanne about last week's user's story
- ↳ discussed two user stories

\* Investment provider (Asset manager)  
\* Admin

- ↳ Scope ??

- ↳ Ag Assignments:

- ↳ look into a travel site and find a trip (observe the price)
- doing so; do another trip and notice the price change when going back.

## Entity #13 - AWS Azure (2 hours) 30/07/21

- able to deploy backend to server
- need to understand how to set up CI/CD for react.

IDEA TO COMBINE BACKEND & FRONTEND

- ↳ CI - CD

↳ with appdci:

~~31/07~~ Entry #14 - Hackathon (31/07/21) (48 hours)

- ↳ MERN Stack used to build our team's website
- ↳ Website called for Procast, theme is Procrastination

Entry #15 - Human Computer Interaction Research (2/08/21) (2 hours)

- ↳ Researched on haptics & its relation to technology
- ↳ Additionally, continued to upskill React using Next.js & Chakra

Entry #16 - R&D meeting (3/08/21) (2 hours)

- ↳ Reviewed the user journey with Leanne

- ↳ Constructed the user journey for Admin

- ↳ Need more details on our scope as we are still in the dark.

Entry #17: R&D meeting (6/08/21) (4 hrs)

- ↳ meeting Leanne

- ↳ we still do not get our scope (Personally we confused)

- ↳ Admin is just a support NOT the computer side of it.

- ↳ Research job for AUT (mobile development)

- ↳ Database ?? Tracking Ethics ??

- ↳ Where do we want to get to? What must be included & not included?

- ↳ Honestly burned out the past few weeks

- 
- ↳ Portfolio is draft (collaborative) ↗

- ↳ Discussed combining all user journey

- ↳ travel site; wireframing (get information within 3 clicks)

- ↳ Ownership? When do we have to make the user log in

- ↳ Local storage to save user input

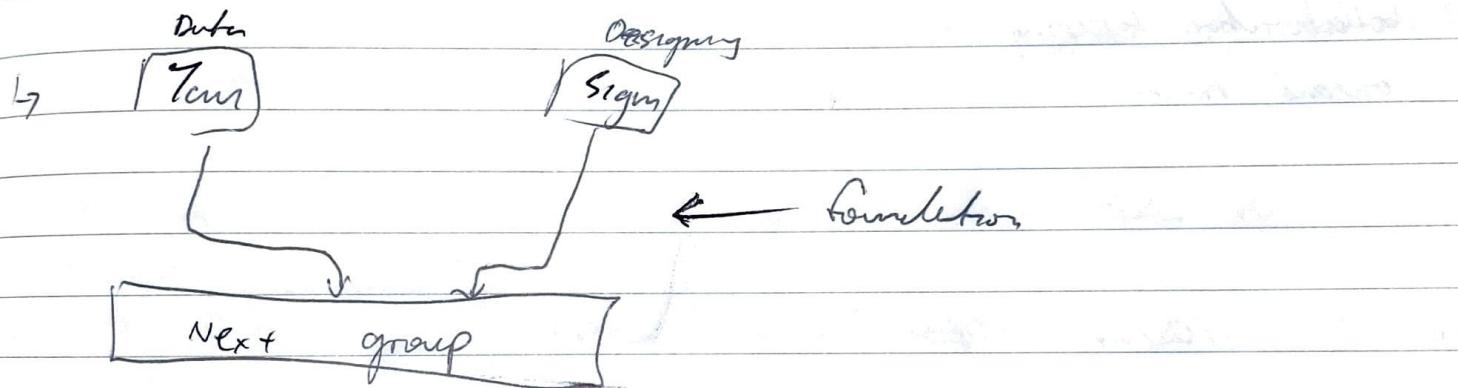
- ↳ Okay I get it now.

Entry #18: R&D meeting w/ mentor (9/08/21) (2 hr)

- ↳ just some draft preparation for presentation
- ↳ Moderator is Litchfield
- ↳ kind of burned out will take a short break

Entry #19: Draft review with Barry (13/08/21) (2 hr)

- ↳ MORE POSITIVENESS NEEDS TO BE DESCRIBED



Entry #20 : 17/08/21 ( 2 hr )

- Roasted of our project proposal
- Need to look up at machine learning for recommendation system
- 

Entry #21: 19/08/21 ( 3 hrs )

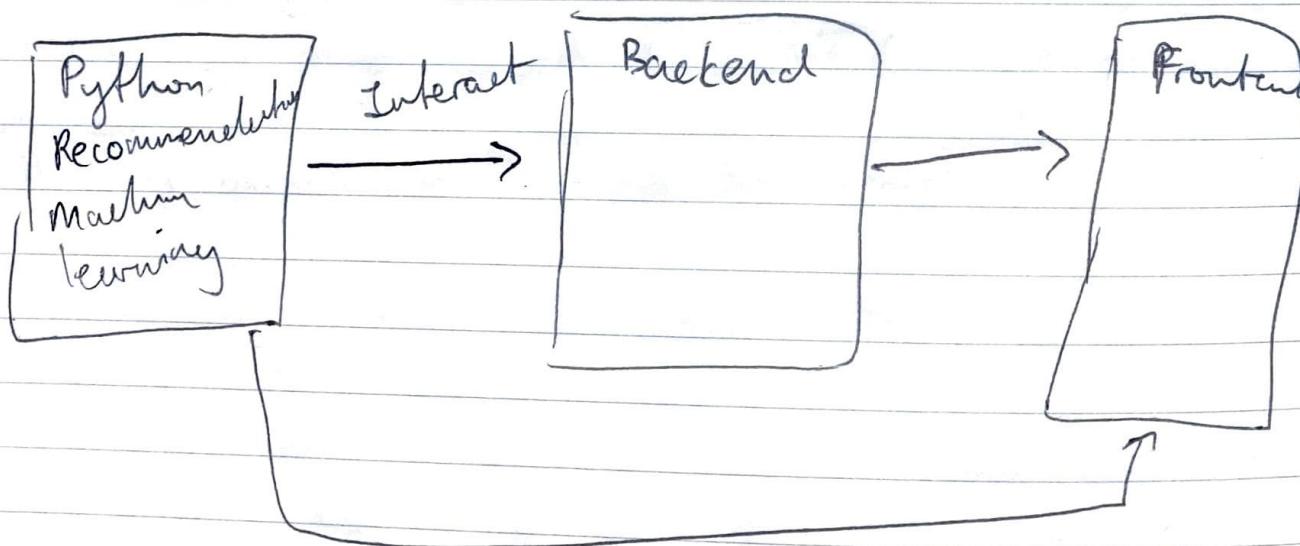
- Recommendation system

↳ Collaborative Filtering

↳ Content based

Entry #22: 20/08/21 - Client meeting ( 2 hrs )

- Didn't as expected
- ↳ Idea for Recommendation
  - ↳ First Idea



Week 7

From line

Entry # 21/08/21 - Lenthy Team meeting 8-6pm (4 hours)

- Discussed and designed all 3 user journeys in detail
- Admin support needs more clarification
- We believe our scope is the investor quiz
- Really want to start on my MSA assignment
  - ↳ Tech stack
    - ↳ TypeScript, GraphQL, Apollo-Server, Redis, Express, Mikrom
    - ↳ Next.js, Urql, GraphQL, Codgen, Formik, Form-wrangler, React
  - (Jose & I)
- Feel like our ideas & opinions are not being taken into account.

↳ Design Revamp? Miscommunication?

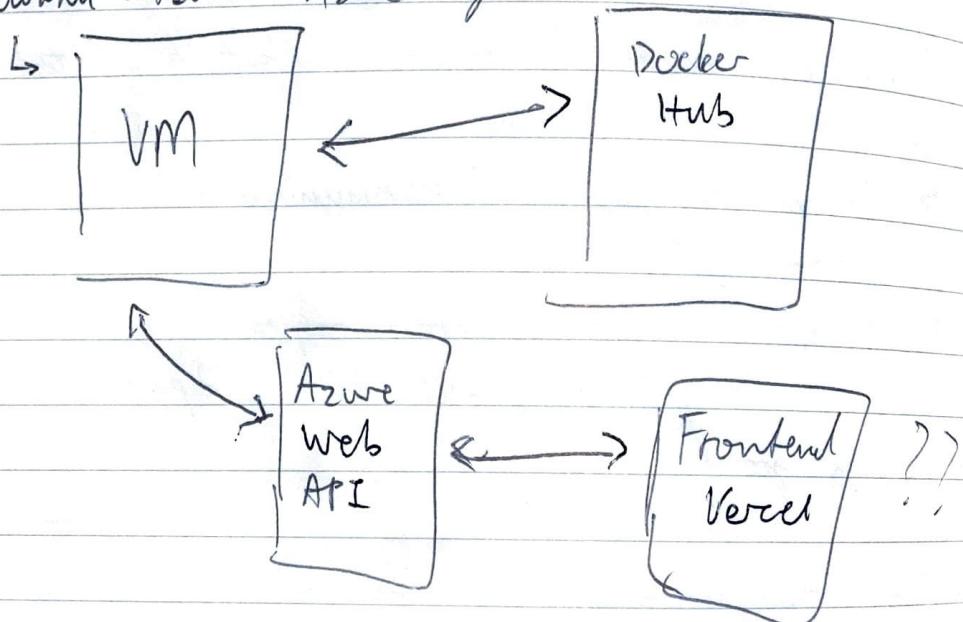
- Nevermind they got.

Entry # 23/08/21 - Team meeting - 8:00am  
Meeting with Ian 12pm

- It was a great meeting
- Understood their database & their work
- gave us an insight of our scope

Entry # 24 26/08/21 (6 hours)

- Been awhile, busy to procrastinating from doing a journal
- Thinking a lot for Finappster & design & architecture
- upskilling Web development & Cloud Services
- Learnt quite a lot how to use Azure services efficiently as well as AWS
  - ↳ found a solution for building Next.js
  - ↳ problem is Server-side caching is not pushing to Frontend
- Want to try dokku Azure Agent



Entry # 25 28/08/21

- Completed communication plan & Skills analysis
- Club University Website for MSA

↳ a platform for all uni clubs to showcase themselves

#Entry #26 30/08/21 - Team meeting (2 hours)

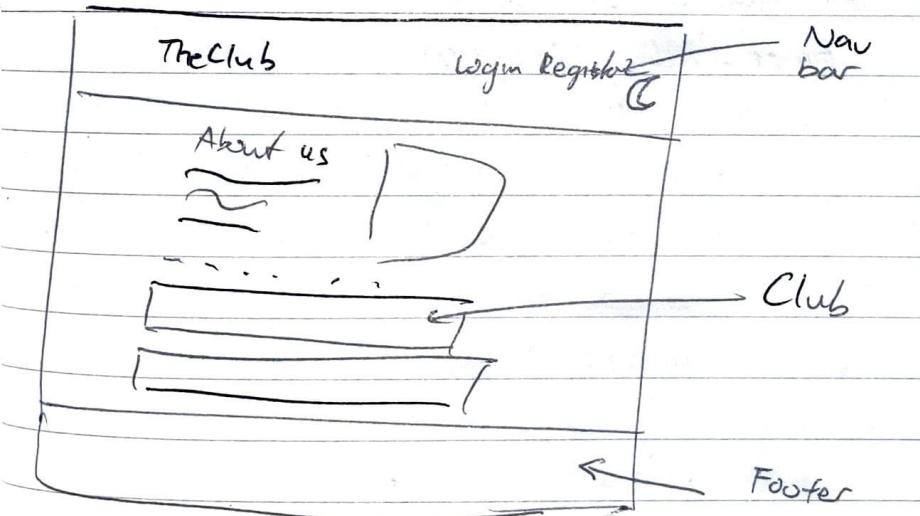
- Preparation for client meeting this wednesday
- documentation needs to be done before wednesday

#Entry #27 1/09/21 - 4 hours (client meeting)

- Today's meeting was really long and informative
- We still need to finalise our documentation and quiz design
  - ↳ User stories => need user acceptance test

#Entry #28 1/09/21 - 02/09/21 - 8 hours

- Development of my website for MSA
- Debugged for 3 hours only to find out its a typo.



#### Issues:

- How to upload images dynamically
- How to format the create a page
- Still need to decide & I want SSR

~~- So far the~~ so far the backend is setup just need to visualise

- Chakra UI is an amazing library with Typescript for React.

Entry #29 03/09/21 - 1 hour

- A revision on React and CSS
- Did more research on fintech companies

Entry #30 07/09/21 - 8 hours

- My MBA application is up and running in AZURE
- I've been able to make huge progress with GraphQL Apollo and PostgreSQL, was able to get things down smoothly
- TypeORM is happy with MongoDB
- Want to add pagination posts in pages

Entry #30/21

- Also met with Companies on Summer of Tech
  - ↳ STQRT, Learn Coach, First AML, APLYID
  - ↳ was really ~~too~~ nervous
- What a day
- Huge

Entry #31 10/09/21 (6 hours)

- adding pagination for posts
  - ↳ but to do this I need to create relationships first with my tables

↳ If user hectic

- Upskilling my Python & understanding of it

#### MSA UPDATE

- Added Data Loader
- and NodeMailer to send email incase they forgot password.

Entry #32 15/09/21 (2 hours)

- Did another mock interview for summer at Tech Tech
- I wouldn't say it went well, I was roasted
  - ↳ need to ~~underst~~ refresh my understanding of web development
  - ↳ Sucks that I could barely answer the technical questions.

Entry #32 17/09/21 (3 hours)

- ↳ found out I have 4 companies who wants to interview me next week. Wish me luck (STORY, LearnCoach, ADYID & FirstAid)
- ↳ My MSA website is coming together, users are able to add Page, Post, edit, Delete, Avatar theclub.azurewebsites.net/ ← pretty cool
- ↳ theclub-backend.azurewebsites.net/graph/ ← Pagination is added as well
- ↳ Looked into frappster's cooling base.
  - ↳ Really would love to refactor it some point
  - ↳ Possibly use Redux for state management?
  - ↳ scared of Allan lol

Entry #33 20/09/21 (3 hours)

- Had Finappster's Sigma first sprint meeting & planning poker
- Formed our brand name as ~~Sigma~~ Sigma - 001/ name  
↳ according to our ~~Issue~~ task
- After the meeting, continued optimizing MSA website  
for submission on the 23<sup>rd</sup>
- As well as preparing for my interviews

Entry #34 21/09/21 (2 hours)

- 11.45 am had my speed interview with Ilia who works at STORY
- Really wish I did better, still sulking about it
- prepared for my next interview Learncoach & APLYD

Entry #35 22/09/21 (2 - 4 hours)

- two interviews today
- First interview with Learncoach went well but not what I expected
- Second with APLD really want to work for them
- Finalizing my MSA website making sure everything works
- Preparing for my next interview with FirstAML
  - ↳ interesting company, I love it
  - ↳ studied my technical questions

Entry #36 23/09/21 (8 hours)

- Had my interview with Fred Amé who was awesome
    - ↳ felt grate, great they kept asking questions
    - ↳ definitely a priority for me.
  - Also submitted my MSA - theClub website checked & out
    - ↳ Frontend: theclub.azurewebsites.net
    - API: theclub-backend.azurewebsites.net
- ↳ now I am excited for the presentation, grateful to have learnt a series of tech stack.
- ↳ NEW IDEAS FOR PROJECTS
- ① ~~THE~~ CRYPTO TRACKER
  - ② AWS → get a certificate
  - ③ Data structure - know more about it.
  - ④ Develop a backend in C# + .NET core
  - ⑤ Develop in Redux

Entry #37 24/09/21 (6 hours)

- Really like I'm starting to become too bossy, need to calm down & know my place
- Really sharing my software skills to the team.
- got the gist how to create a table, route in Python, Django

Entry #38 25/09/21 ( 2 hours )

- Presentation for MSA today hope all goes well
- Finappster I really want to refactor the frontend
  - ↳ researched about Redux & state management hours

~~Entry~~ Entry #39 28/09/21 ( 3 - 8 hours )

- Had my 2nd interview with START & their CPO  
really hope I get in
- Found a bug with our Finappster development

Entry #40 29/09/21 ( 6 hours )

- Found the bug I cloned the wrong backend branch
- informed the team and said it was fixable.  
↳ why? Because we are on the early stage of our development.
- Updated the heroku-prod backend to setup for our local dev environment

Entry #41 30/09/21 (4 hours)

- Migrate the SDG data to the db
- have it able to get data from the front end
- SDG data can be GET, POST, PUT, DELETE at least in the backend with the help of Chrs
- Set up the requests function in the front end
  - ↳ Able to delete GET, POST & UPDATE
- Lecture: wake up call for status report & we also met w/ Ashley

Entry #42 1/10/21 (6 hours)

- Quiz page prototype is almost done
- ~~start~~ started to get curious how would we actually calculate the 5ps as well as how will we implement the recommendation system.
- I wonder what type of ML suits Finappster
  - ↳ Context 3 Matrix?
- Also implemented Redux, a state management, for my Crypto News App.
- Learning about Machine learning
- Planning to practice it on Google Colab (Movie Recommendation first then SDG)
- Completed my other big Project team (ASPA) which is to increase the web app speed

Entry #43 3/10/21 (2 hours)

- Did not go as planned, Quiz page is delayed.
- Quiz is delayed as there is a bug
  - ↳ reading dml-kit documentation
  - ↳ played around with their example
- Merged Sigma 003 → to Sigma 004 POST, GET, UPDATE
  - ↳ with Jose, we finished this task

Entry #44 4/10/21 (+ hour) (2 hours)

- Studied the theory of Sorting Algorithms
- confusing

Entry #45 6/10/21 (4 hours)

- Got an internship for STQRY as a React Engineer
  - ↳ need to upskill for this job
  - ↳ I start on Nov 1, 2021
- Inspired, got to finish off task Sigma 005 → get quiz results and calculate the Sp's based on the SOG.
- Upskilled more on the backend and gain a better understanding based on Ashley's advice.

~~SECRET~~

Entry #46 8/10/21 (2 hours)

- Chris managed to complete quiz recent bugs
  - ↳ however there was a bug wherein the state does not update
  - ↳ I managed to fix the bug as the original code causes a duplication of setting data unless forced refresh
- Signed my contract with STQRT Feeling stoke
- Meeting was in good spirit
  - ↳ might not get the dummy investments to be done.
  - ↳ Jose and I will focus <sup>fix</sup> finishing the bug at the quiz page.

Entry #47 (9/10/21) (5 hours)

- Going back to Machine learning of Recommendation system.
- FRUSTRATED Grid layout quiz is buggy
  - ↳ make no progress
  - ↳ no words can describe how annoying this is

Entry #48 (10/10/21) (6 hours)

BURSTKA!!

- Another day to tackle the quiz
- losing hope to this
- OMG I found a fix another Grid library that actually works
  - ↳ told Jose about it and agreed we can count to our
  - ↳ Jose handled the conversion.

Entry #49 : 18/10/21 ( 2 hours )

- Had a meeting with team including Barry & Leanna
  - ↳ demonstration & update on our progress
  - ↳ Barry said on the presentation do not show a demo
- Post meeting discussion on PPT and status review
  - ↳ designated our task
- Upgraded and research more about Recom Recommendation system
  - ↳ linking myself with machine learning w
  - ↳ want to see more options
- Updated my React native in preparation for my internship.

Entry #50: 18/10/21 ( 3 hours )

- Client meeting with Barry
  - ↳ liked our mid project status
  - ↳ just need to change a couple of things
  - ↳
- As a team edited mid project review
- Made our powerpoint and review

Entry #51: 19/10/21 ( 2 hours)

- Rehearsal of powerpoint
- Made sure what to expect from Alan
- ~~Was~~ not looking forward to it

Entry #52: 20/10/21 ( 2 hours)

- Moderator made great points with our presentation & project status
- Overall it went well, better than last time

Entry #53 : 1/11/21 ( 8 hours )

- First day of work with STQRF
- Unpacking and lots of research
- Learned ~~about~~ more about the new terms such as PWA, kiosk
- Research multiple technologies

Entry #54 2/11/21 8 hrs

- Second day at STQRT, learned about there are many potential React frameworks
  - ↳ ~~Vite~~ Vite
- Ended up choosing CRA as a framework.

Entry #55 3/11/21

16 hrs

Entry #56 4/11/21

- Bootstrap the app, connected the frontend with the backend

- Including my internship as Tech Stack is similar, and this project is built as we go (meaning we didn't know how it works like)

Entry #57 5/11/21 8 hrs

↳ Given the design of the STQRT kiosk

- implement the design
- Implement the home screen & screensaver

## Ideas

- Check if there is an existing language support
  - check the difference between the network supported languages & db supported languages
- If there is any lang different

get screen id from DB

if screen id does not exist in database

loop through each available language

call API for full content

create item in database for that language

Break

else

loop through each available languages

- Num I got is

- Delete ~~meta~~ i screens in DB not in manifest?

~~Entry #58 8/11/21~~

58

Entry #~~57~~ 9/11/21 8 hrs

- Done with 'sync content' ish
- going to start with the laundry page and start setting up for everything.
- Things to think about:
  - ↳ language (React or a npm library)
  - ↳ RTL language for languages like DR or He
  - ↳

~~60~~

Entry #88 10/11/21 8 hrs

- I18next library looks pretty cool and might be useful
- ~~start~~ starting to think this library might not be useful
- Not a little confused at the moment
  - ↳ might want to use redux instead
  - ↳ how do we persist the selected language?

entry #59 <sup>60</sup> 11/11/21 8 hrs

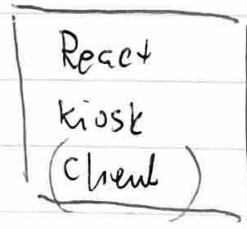
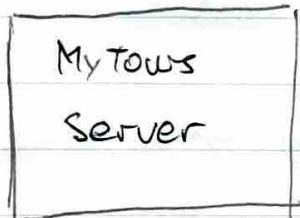
- Found an implementation on translating languages
  - ↳ with very redux for this
- Using I18n as an inspiration and converting it to
 ~~redux~~ redux function so that changing languages works
 entry #60 12/11/21

Input

<sup>61</sup>  
Entry #~~60~~ 15/11/21 2 hrs

- Team discussed R sprint 2
  - ↳ start recommendation system or finish sprint 2
- Understand Tavis data
- Book a meeting with Tavi
- Outcomes
  - ↳ data not usable
  - ↳ different state than expected
  - ↳ data is usable

<sup>62</sup>  
Entry #~~61~~ 16/11/21



Entry # 63 20/11/21 1 hr

↳ Meeting with Tan

↳ To be honest, we did not learn anything

↳ Tan's database contains 32 solely (positive & negative)

Entry #64 23/11/21 ~~4 hr~~ Client meeting  
1.5 hr

↳ There is no full data set available

↳ Client proposes to focus with Planet as it is the only one available

↳ Half of the data does not exist & is still currently in development

Entry #65 12/12/21 1.5 hr Mentor meeting

- Client data is not usable & lacks understanding on how to get 17 SDGs for shares and funds

- Mentor suggests we don't talk to client till we get a clearer idea

- Deciding whether to use Tan's data or not at all

Entry #66 15/12/21 1.5 hrs

- Team went away to think about the data

- Best way to approach is to make a dummy share data within Sigma database & use her recommendation system

Entry Entry #67 28/12/21

1 hrs

- Recommendation system is tricky, we would need a ~~or~~ certain algorithm to do so

↳ where to implement this backend or frontend?

↳ Allan would probs want the backend

- need more time

Entry # 68 12/01/22 1 hrs

- Have been busy work did not have a lot of time to think about it
- still in ideation phase,
- we might end up using an algorithm that works for now
  - ↳ we should not use any complicated for now

## STORY ideas

The problem: ↗

- ↳ only one media item type for each screen, we want to support multiple
  - ↳ one to many

Solution: ↗

- ① ↳ Refactor the code in the Panoram Screen file
  - ↳ make \*audio URCS, array? (this excludes video)
  - ↳ maybe this approach can work

② ↳ → Redo the code

Not going to work ↗

- ↳ more of a component approach

Entry #69    09/2/22    1hr

- Define a way to recommend investments,
- Need to complete dummy data, if there is time merge it with production
- We confirmed that our development environment is working
- Confirm a preliminary solution for the 5p recommender

Entry #70    14/02/22    1hr

- Finalizing recommender system
- adding the absolute difference between Share's p values

Entry #71    15/02/22    1hr    <sup>mentor</sup> ~~Client~~ meeting

- Mentor is supportive with our plan & work as a starting point
- New team is coming in.

Entry #72    17/02/22    1hr    start of Sprint

- ~~Start~~ Start of our sprint
- prototyping investment algorithm (recommendation)
- Create Share table to hold dummy data
- Create a template database document

Entry #73 8/10/22 - 3 hrs

- ↳ A team meeting with ourselves
- ↳ Get the algorithm working - Joe
- ↳ Heroku deployment done by Chris and John
- ↳ Have a meeting with Leanna by next week

Entry #74 8/10/22 - 1 hr 30 mins

- ↳ ~~Chat~~ Discussed what we have done so far
- ↳ Discussion of next sprint
  - ↳ short quiz, recommended revamp  
(NOT according to plan)
  - ↳ Need to have a whiteboard discussion on the difference  
with Tan's & Signor's DB

#75

Entry #10 10/10/22 - 2 hr

- ↳ Meeting with Barry & discuss whether Tan's work is useable

- ↳ Need to check if Tan's db is in a usable state

- ↳ If it works great makes it easy

- ↳ If not need to make a "data upgrade app" similar  
to Tan's

#76

Entry #11 11/03/22 - 1 hr (mentor meeting)

- ↳ ~~Try~~ Decide on final UI with recommendation UI
- ↳ Figure the alert mechanism
- ↳ Reasons not to use Tan's DB

15/03 Entry #77 - 15/03/22 Client & mentor in Zeta meeting (2hr)

- Discussion with Zeta (new team) & w/ our project
- provide them w/ our template's if ever
- Proposed our plan to Leanna & explained the issue with Tan's database
- We need the SOC data to be in one value
- Jose explained the algorithm
- "Data Upload app" that temporarily replaces Tan's work
- Before Sem break, should have real enough data

Entry #78 - 17/03/22 1hr

- Planning out our next sprint in Trello
- Framework ??  
↳ would not like Tan prefer ~~SS~~ JS

Entry #79 - 18/03/22 - 30 mins

- Confirm with Barry the framework  
↳ we will use ~~React~~ React (we can choose)

Entry #80 - 18/03/22 ~ 2hrs

- I booted up the Data Upload app, getting the basic functionality down
- Created a repository ~~and ensure it~~

Entry #81 - 19/03/22 - 1hr

- ~~Test~~ Made sure able upload on SDG share sheet & validate it's format
- Post it if format is ~~valid~~ valid

Entry #82 - 20/03/22 - 1hr

- ~~Fix~~ Pull up the pull request
- Ensure the upload is ~~in update~~ is robust

Entry #83 - 22/03/22 - 1hr

- Quick update on Sigma's progress at the app
- need to ~~to~~ have a quick whiteboard

Entry #84 - 25/03/22 - 2hrs

- ~~Opted~~ a whiteboard session but Quick meeting within the team

↳ Had a thorough discussion with Chris regarding how we should handle the funds clarity

So we had 3 approaches:

1. Calculate the frontend, with client upload app
2. Calculate on backend
3. Redesign db

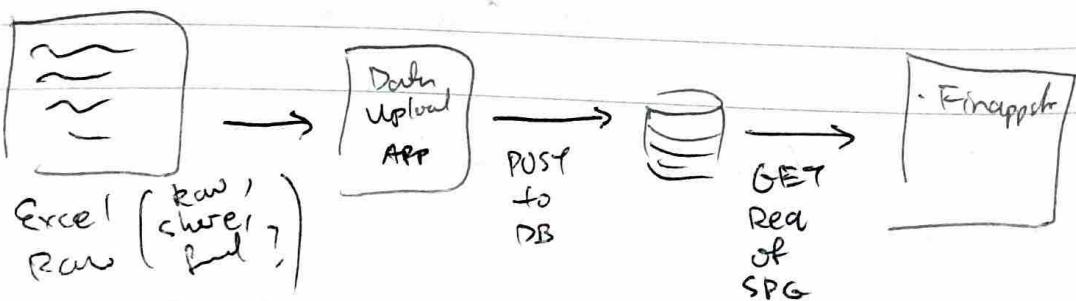
↳ pretty tricky

- would we be better off taking a performance hit by calculating fund SDG/P data on the frontend, to ensure that data is always correct?

↳ else we could store fund SDG/P values in a separate table but it's bad practice

~~20/03/22~~ Entry #85 : 20/03/22 (2.5 hrs)

- Show the progress that has been made on the data upload app - Including showing the template spreadsheets
- We also showed the proposed template fund spreadsheet, some confusion around how this may work. Perhaps adding in a second tab with raw data
- Raw data is required, according to Leanne, need the best way to calculate SDG data for funds
  - ↳ may need to upload raw data through upload data to determine whether company data or fund
- Fund calculations work differently to individual share SDG calculations?



If we were just going to upload raw data then  
we do not need to upload shares & funds.

This meeting is messy; looking back to our project mid review  
Alan did say there are risks with raw data

1. It may not be usable at all
2. May be misaligned
3. Sample size may be too small or inaccurate

A probable solution

- ↳ Create table for raw data & SDG data
- ↳ creating a table that links percentage data between  
share source data and fund
- ↳ Calculate fund SDG using percentage off of raw data

→ the problem with this the raw data is 100+ columns  
& the column's matrix are not guaranteed to remain the same.

- Tan's work was supposed to work this way, ~~but they~~  
but they are in the same boat as us
- ↳ Client is doing the calculations manually, resulting to  
the same issue

Entry #86: 30/03/22 (Team meeting) (2 hrs)

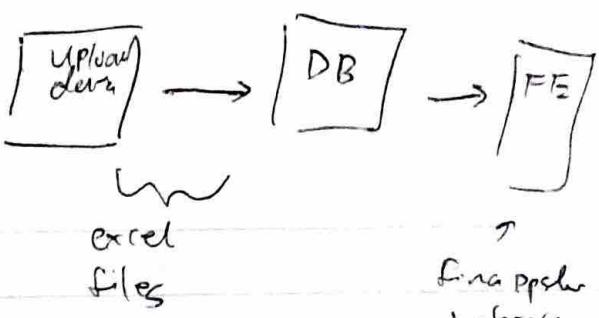
- Brainstorming on how to tackle the "raw data" situation  
yesterday's morning
- Jose thinks, who was not present in the previous meeting  
due to covid, thinks the formula will not matter as much,  
as as the output will not be much of a difference

- Right now, we think the most probable solution FOR NOW is to upload the raw data to DB to be used in long term.
- Another solution by Pete is to consider making a plan for the next team
  - ↳ I agree with this, the situation right now is in a stage that the data required to move forward needs be robust.
  - ↳ Personally, the client should ensure data is organized & has a proper workflow

- ↳
  - Need to have a meeting with Leanna ASAP so that we can double confirm with her calculations. & move forward
    - ↳ ~~She~~ She needs to ~~exp~~ explain the raw data ~~col~~ columns and if we are to use & upload raw data, we will need her to tidy the raw data.

DB Entry #87 : 02/04/22      the mentor meeting (1 hr)

- Initially meeting with Client but was unavailable due to health reasons.
- So we discussed the rest of the development scope.



Some options:

↳ Implement Raw data table,

↳ ~~work~~ work with Leanna, confirm some "real enough data", to prove the share algorithm. Outlining the steps required to implement 'Fund' for future team

- In the meantime while waiting for Leanna's availability we need to do Portfolio.

1. Getting documents ready all ITPM like documents ready by Tuesday?

↳ I'm assigned to format the Team meeting minutes

↳ minutes

Entry #88: 04/04/22 (1 hr)

- Formulating all team meeting minutes after the ~~Project Mid-term~~ ~~Mid-project~~ review

↳ looking back to it, there are some things that our client have said clearly has forgotten about it. Resulting to ~~disorganisation~~ disorganisation.

↳ Team as whole has improved steadily since day 1 which is evident in our team meeting logs.

JPyo MM "Fq86t → Password for Postgres

Entry #99: 05/04/22 : workshop

(2 hours) Poster  
& Final assessment

- ↳ workshop is regarding Teams Poster
- ↳ Poster is due June 3rd, virtual presentation in a PDF and in an editable format such as \*.pptx
- ↳ As well as final assessment
- ↳ Really was hoping for an in person presentation, but this would still work I guess.
- ↳ I can't get the data issue out of my head
  - ↳ 1. We will need to generate synthetic data
    - ↳ so that we can cover some edge cases that our ~~real~~ real datasets does not
  - 2. We need to face the fact that we don't have enough data to do what we want to achieve
  - 3. If we have missing values, it can be difficult to the point that the whole observation may have to be dropped

How can we counter this?

i. Simple models

- ↳ AI poster → using powerpoint
  - ↳ Title
  - ↳ Client & Organisation name
  - ↳ Team members
  - ↳ Names of supervisors
  - ↳ Date
  - ↳ Approved AUT logo
  - ↳ References need to be cited by the text NOT AS A BLOCK

Advises from my STQRY coWorkers

↳ Deploy two apps one for dummy data & one for real data

↳ question her more

Entry #100 : 06/04/22 (1 hr) (team meeting)

- Getting worried Leanna has not responded yet to our email
- Have a look around with excel sheet that Leanna has provided
  - ↳ Are we missing something?
- Need to have our final development goals defined

Entry #101 / : 08/04/22 ~~(check)~~ <sup>Meeting</sup>

- A spontaneous meeting with Barry as we are ~~get~~ getting worried that Leanna is ignoring us
- A quick whiteboard session, Barry believes our original approach is probably the best way.
  - ↳ manipulating raw data is not ideal

Entry #102 : 11/04/22 (team meeting) (2 hrs)

- Need to figure out the best way to explain to Leanne
  - Few up
  - Few options
    - ↳ Do real data, but not ideal
    - ↳ Do not do real data, but not ideal
    - ↳ Tell her we can't do real data, maybe good?
- Discovered the chart summary
  - ↳ it has all the SDG values for shares & funds
  - ↳ However the SDG do not relate to the "Co-sdg-template"
    - ↳ would save us the trouble if we can take the value from the chart summary
- PERSONAL:
  - ↳ I really think Chris shouldn't worry about learning how will be affected in terms of calculating. It's her job to give us the data & it's our job to utilize it.

Entry #103 : 12/04/22 (Team meeting) (2 hours)

Lecture & Team

2 hours

(4 hours)

## ↳ Portfolio checklist

- ↳ Our team is a Agile development
  - we need to have testing now
  - especially in the frontend
  - ultimate evidence of quality is in the working software
  - How do we test an excel sheet though??
- ↳ No team meeting as not everyone was available

Entry #104 : 13/04/22 Client meeting & Personal Upstalling) (5 hours)

- ↳ I'm expecting today's meeting to be the deciding factor whether our project will end up well or not.
- ↳ Been playing around with the Excel library to me, "xlsx" can be used.
- ↳ If can read multiple sheets and we can work it from there
- ↳ Cypress testing will be a real challenge as well as refactoring our code & to check for formatting
- ↳ Need to find a way to live smoothly

30/04/22 Entry #105 - Team meeting (2 hours)

- Been awhile busy with outside uni and work
- Brief meeting to discuss final ~~important~~ implementations of the data upload app given the constraints we face (mainly time)
- Make sure all team members are on the same page
- Chris thinks his solution might work
- Still doing documentation

Entry #106 03/05/22 (1 hr)

- Joe & Chris met with Leanna to decide on option 1 or 2
- Option 1 is basically what our team suggested
- Option 2 is what Leanna insisting for us to do
- Our team found out that there are no difference and really hope we can convince Leanna option 1
- At the end, option 1 was a go
- NOTE: Prior to this meeting I ~~had~~ implemented a solution where data-upload-app could post & update 100k + of SDG shares.

04/05/22

Entry #07 (1 hr)

- Chris expects funds & share funds to be done
- Jose & I might work on the progress bar in the meantime

Entry #108 (2 hr) 05/05/22

- ↳ I decided to code & work on data-upload-app and update the way we are POST & UPDATING shoes
- ↳ Ended up using PUT as it creates non-existing resources & up OR updates existing ones.

Entry #109 (2 hr) 10/05/22

- ↳ continuation on developing

- ↳ researching the best way to implement a loading indicator while Jose works on getting the funds

Entry #110 (4 hrs) 13/05/22

- Jose and I conducted pair programming to finalize the frontend
- I implemented the loading indicator

Entry #111 15/05/22 (6 hours)

- ↳ Team meeting to finalize development
- Pushed backend & frontend to Heroku
- ISSUE
  - ↳ Heroku has a 30 second timeout
  - ↳ Chris propose to have smth that goes around the 30 second timeout
    - ↳ I disagree with this, personally it would be wasting time. If I think we should change the way we are handling requests
  - ↳ Possibly send in batches

Entry #112 17/05/22 (8 hours)

- ↳ Managed to update Fund\_Share in batches
- ↳ However difficulty in fixing GET request in batches
- ↳ slice array?
- ↳ will try again tomorrow

Entry #113 19/05/22 (1hr)

↳ Member meeting

- ↳ Decided to end coding as we've done what we can
- ↳ Client needs to upgrade ~~the~~ DevOps
- ↳ We've been pushing to stop development but wanted to satisfy client too much.

Entry #114 22/05/22 (2 hours)

- ↳ Made final changes to the data-upload-app
  - ↳ pushed it to live deployment
  - ↳ Also 10000 servers seems to work
- ↳ Started doing the ~~final report~~ reflection final report

Entry #115 25/05/22 (2 hours)

- ↳ Had a quick call with Pete regarding the Poster
- ↳ compiled the last week of team meetings minutes, then marking the first part of portfolio