

Rosalie Prom

Interactive

Design Portfolio



PORTFOLIO OVERVIEW

CONTENTS

- Who is Rosalie?
- Interactive Design with Processing
- Paper Prototyping
- STEM for Primary School
- VR Ethereum DataVis Project
- 2D Game in Unity
- Triangles of Light
- RIPperoni



HI, I'M ROSALIE

I'm a university graduate completing my Bachelor's Degree in Information Technology, majoring in Interaction Design.

I am a non-school leaver, who came through TAFE as a pathway to university. I aspire to become a full stack developer, but with an eye for design and detail.

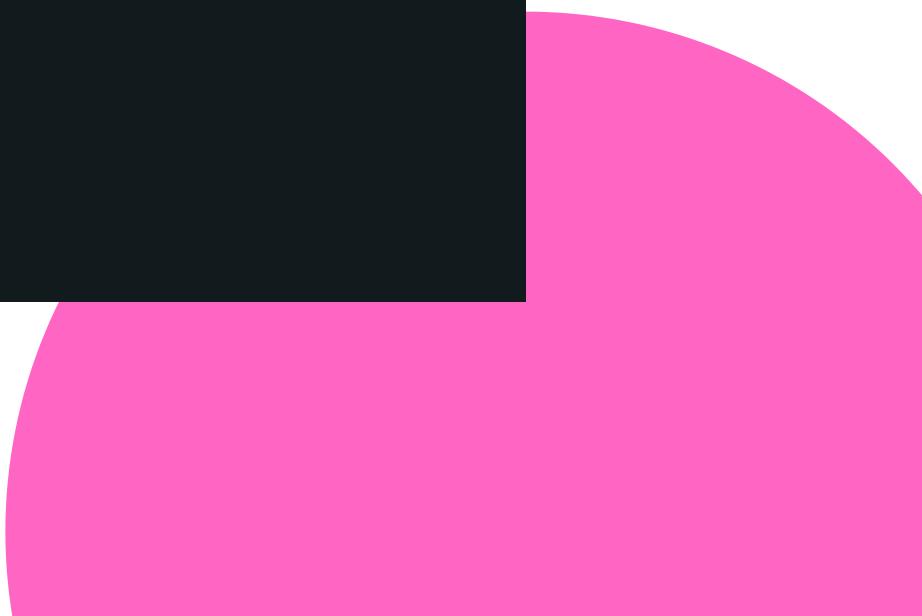
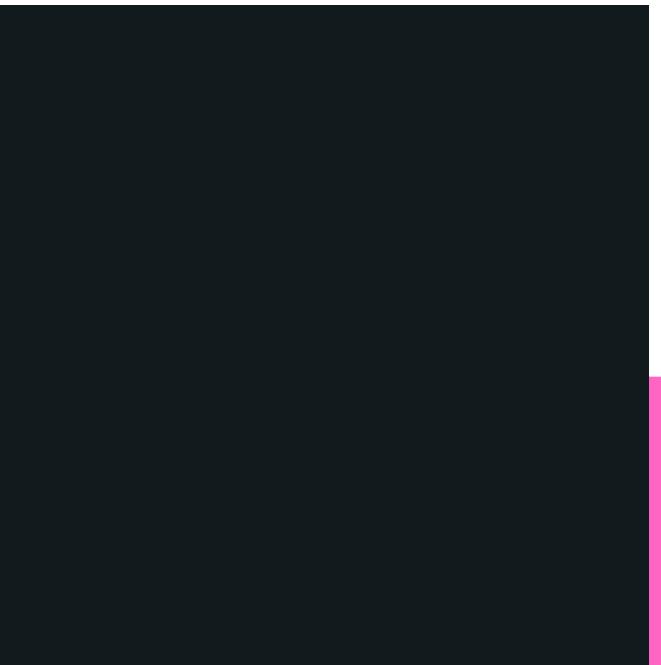
I currently work as a Story Teller / Web designer / Web developer at AlphaWallet.

At University, I have participated in a variety of extracurricular activities such as being an active member of the WiEIT community, UTS STEM Outreach programs and Student Societies.

Processing and Interactive Media.

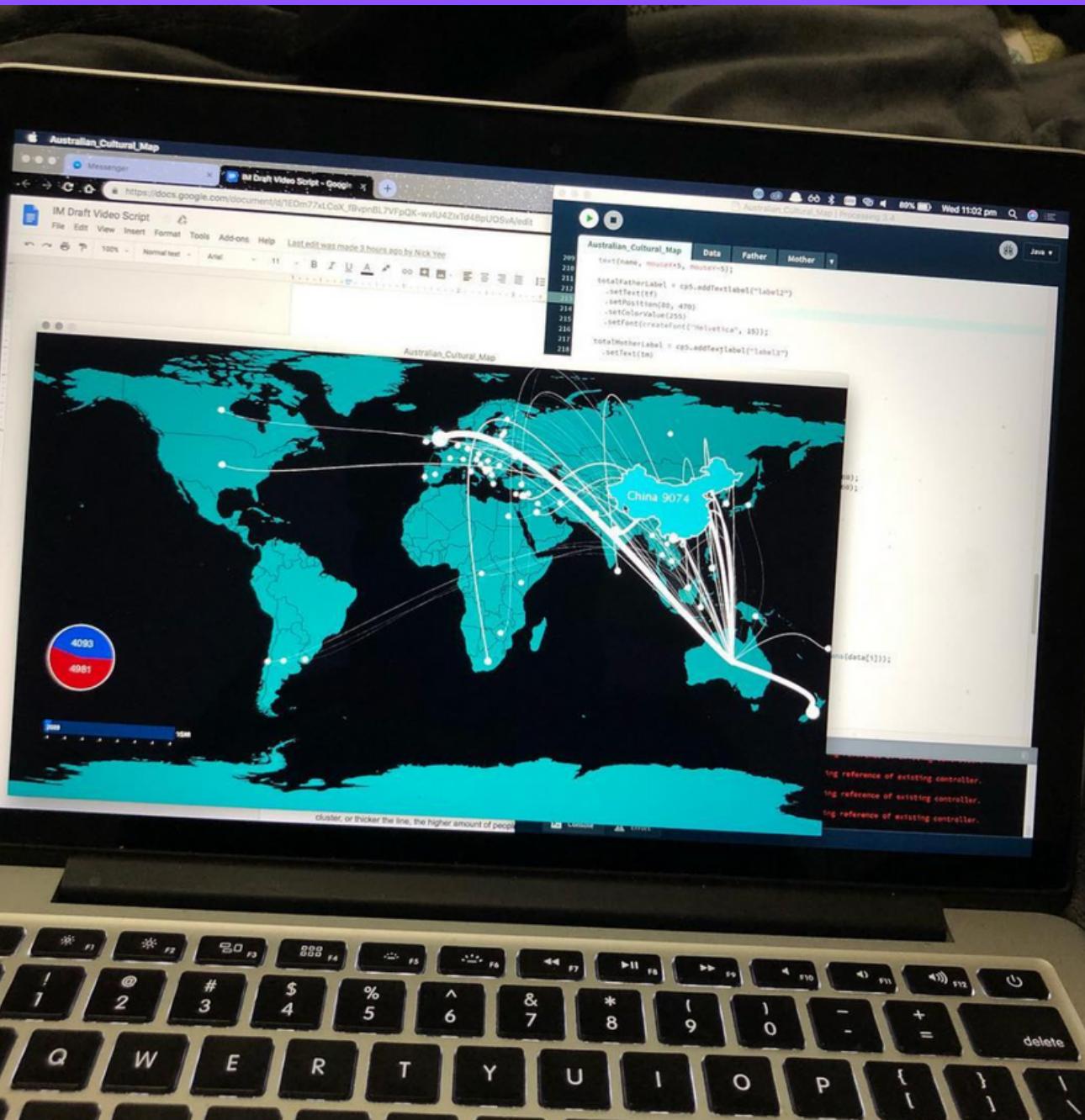
OCTOBER 2018

As a few fun projects I've done using Processing, I've created some generative art pieces, data visualisation and used open source libraries to enhance user experiences.



INTERACTIVE MEDIA

OCTOBER 2018

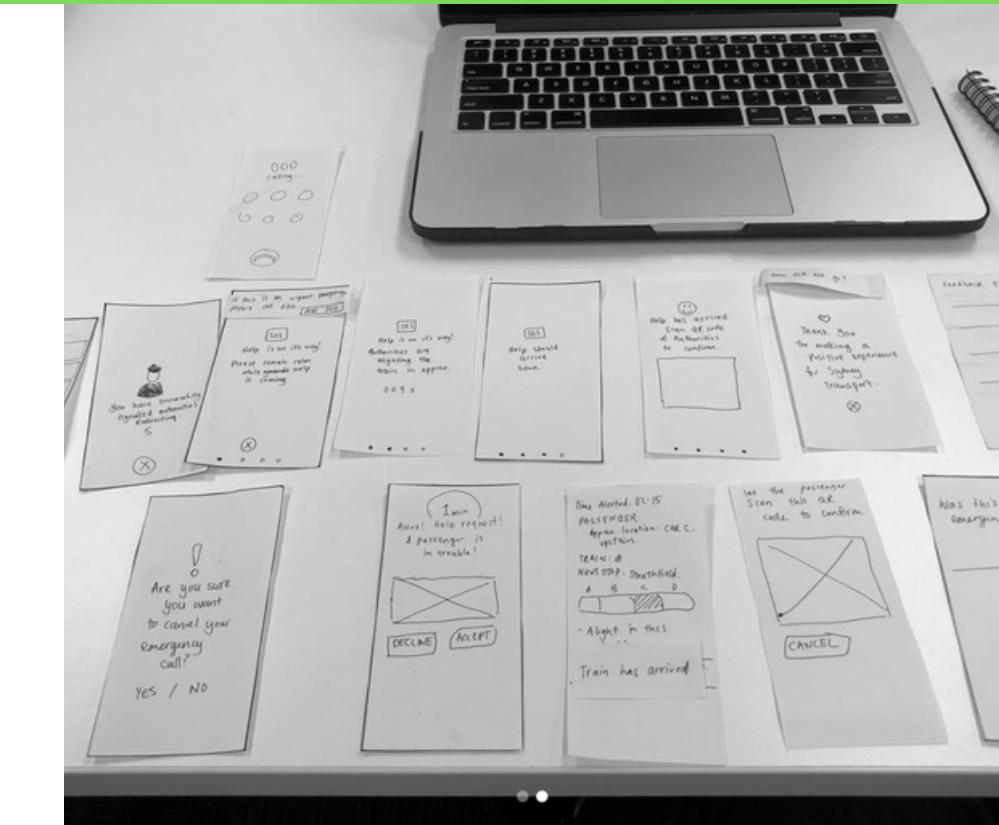
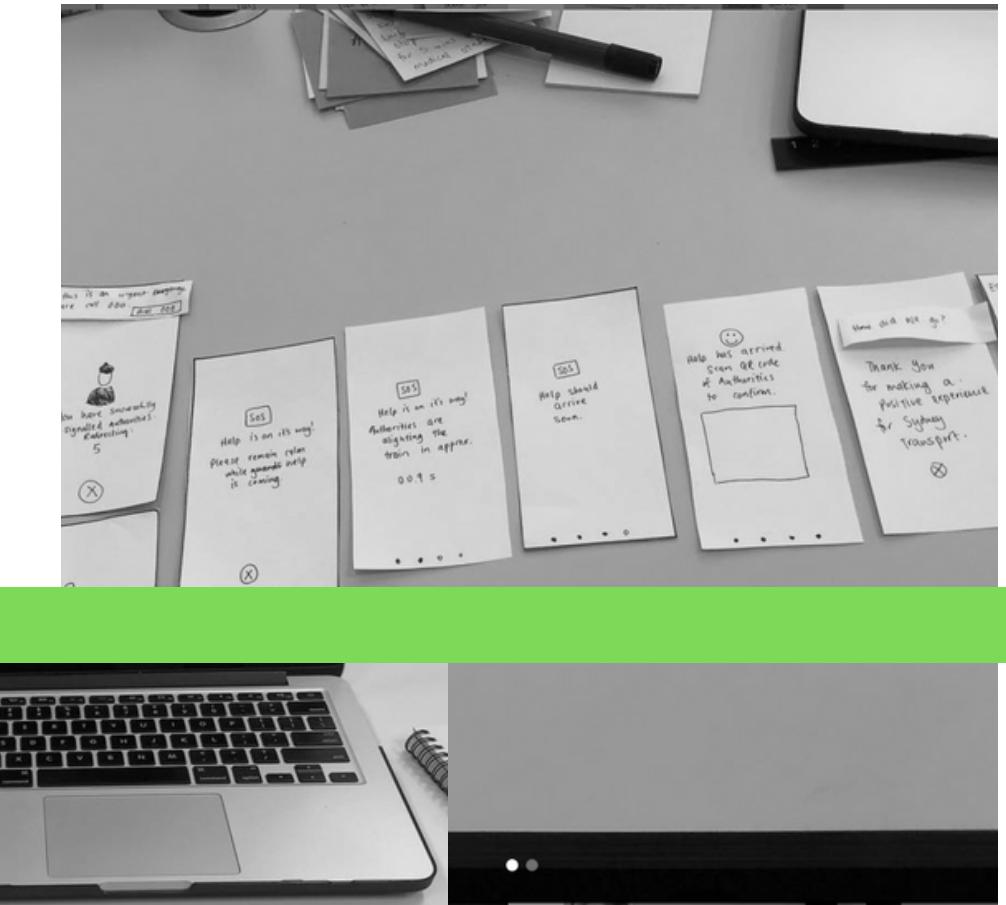


This was a data visualiser that took in all immigrants from all around the world who migrated to Australia in the past decade.

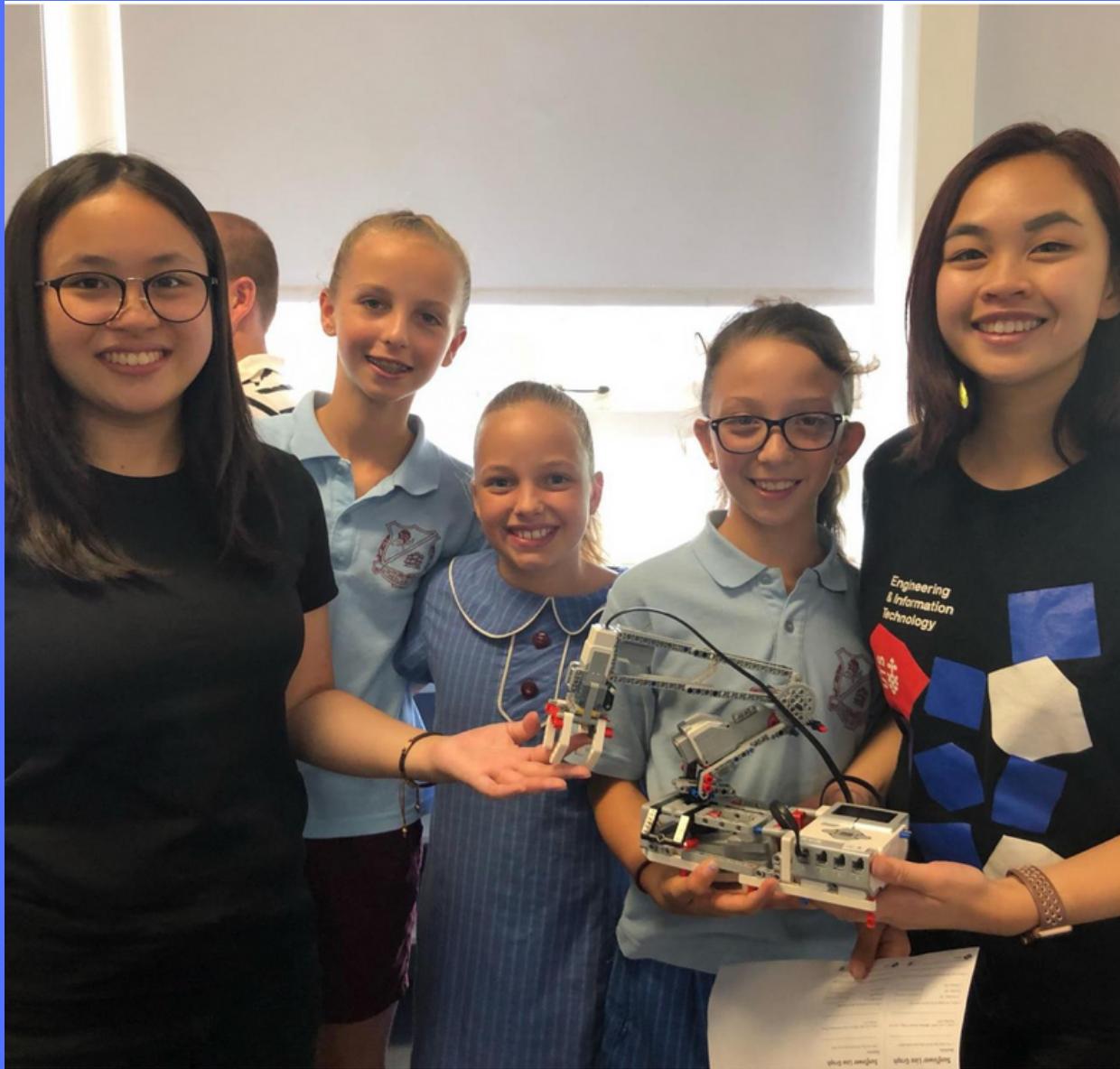
PAPER PROTOTYPING

OCTOBER 2018

For Advanced Interaction Design, I worked on a paper prototype for a distress signalling app for people who need to feel safe on public transport.



UTS STEM OUTREACH



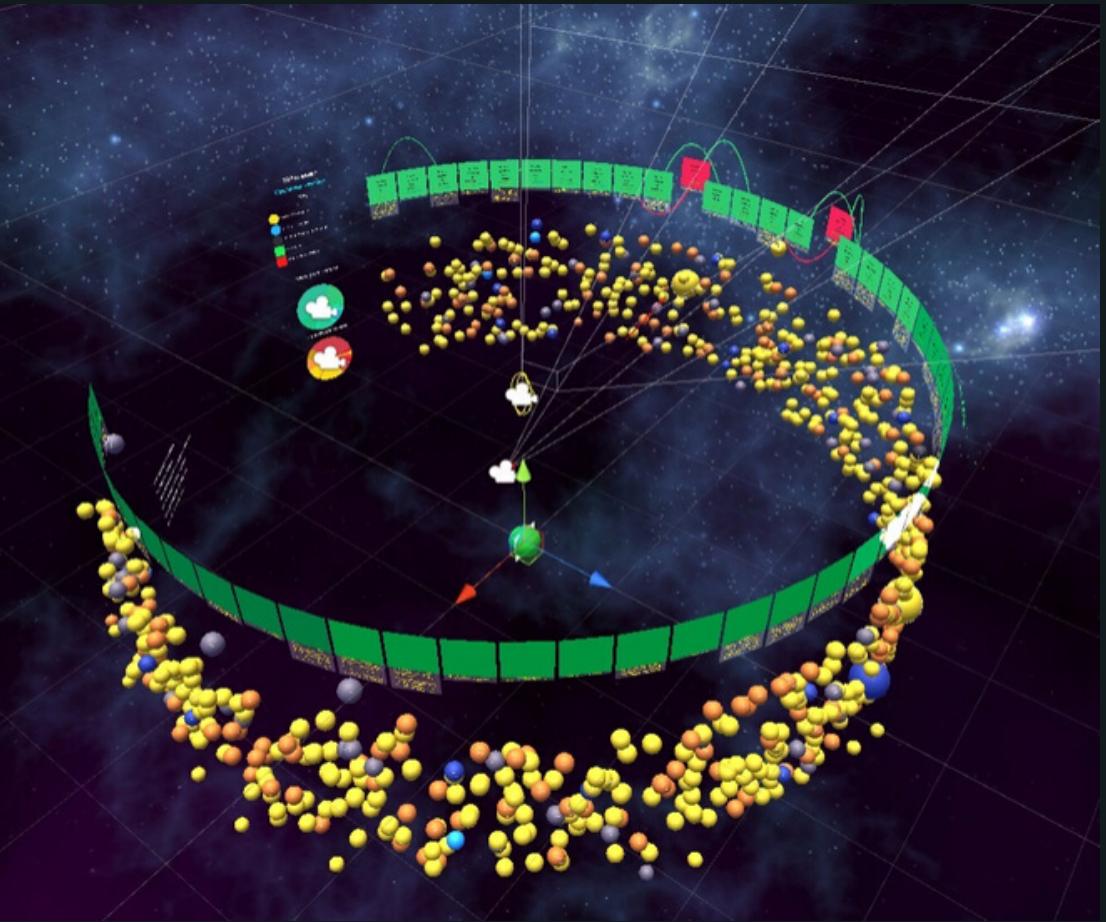
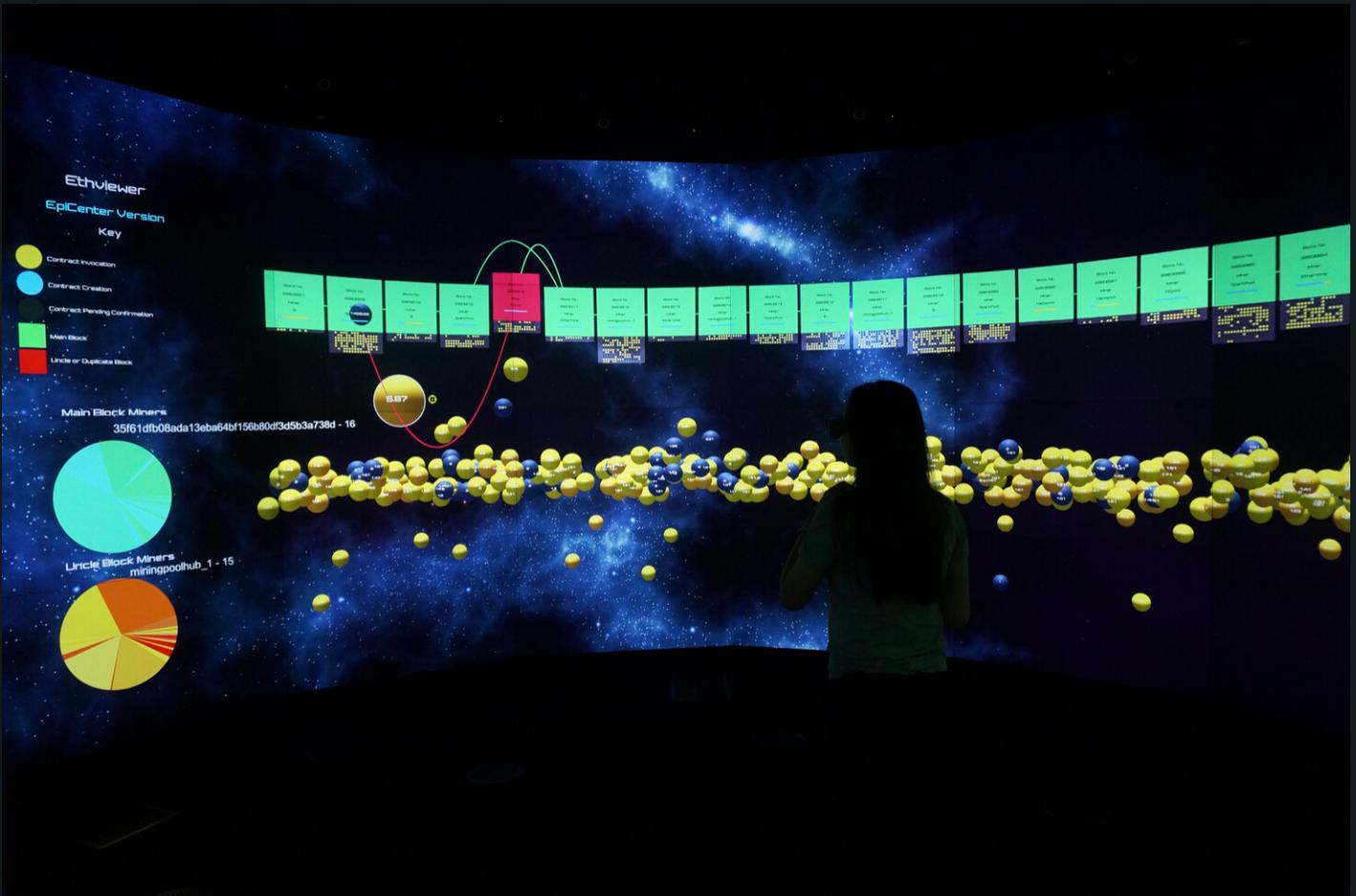
INCREASING STEM AWARENESS

Going to schools and being in the classroom to excite young students about the possibilities of tech as a career.



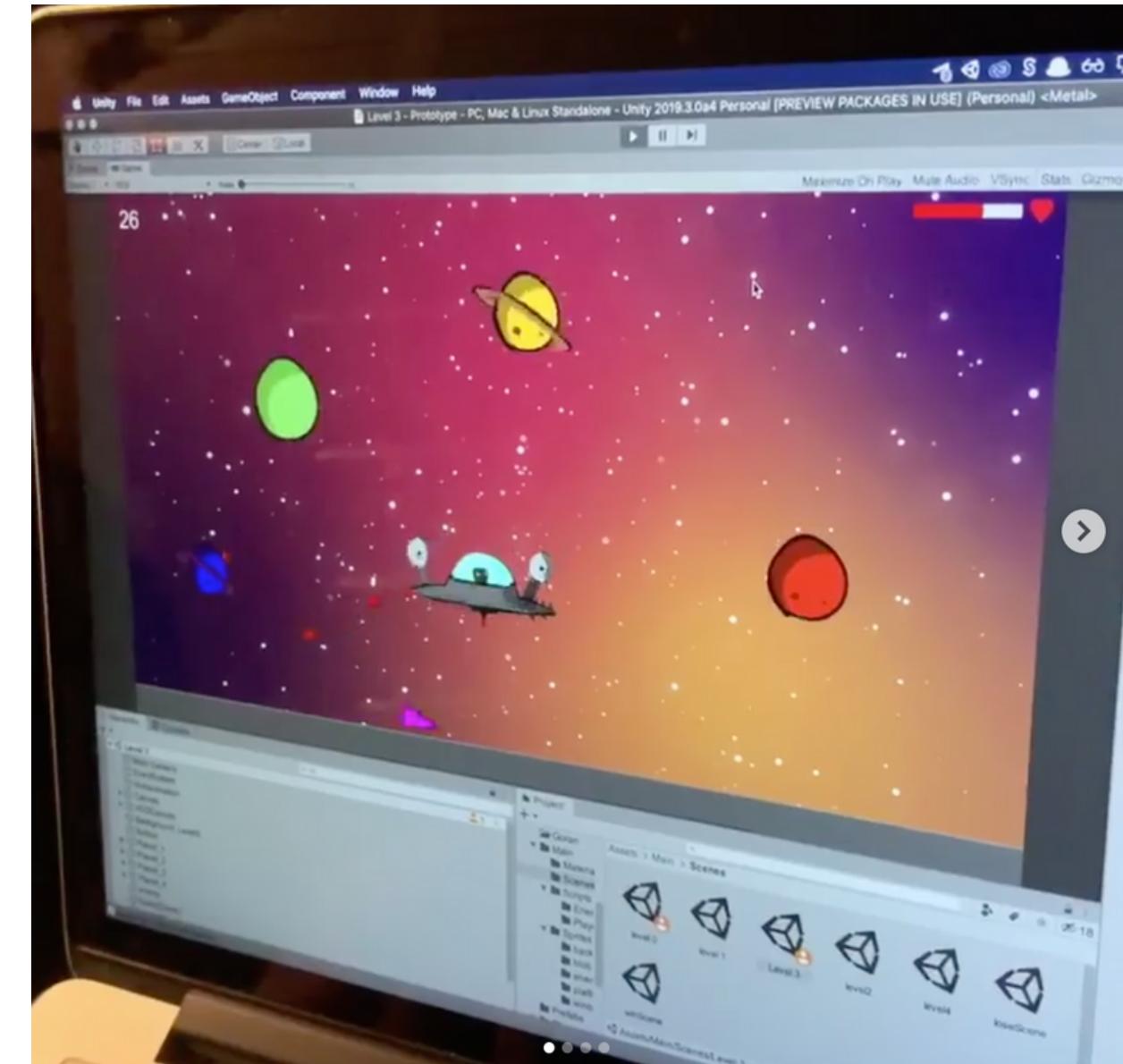
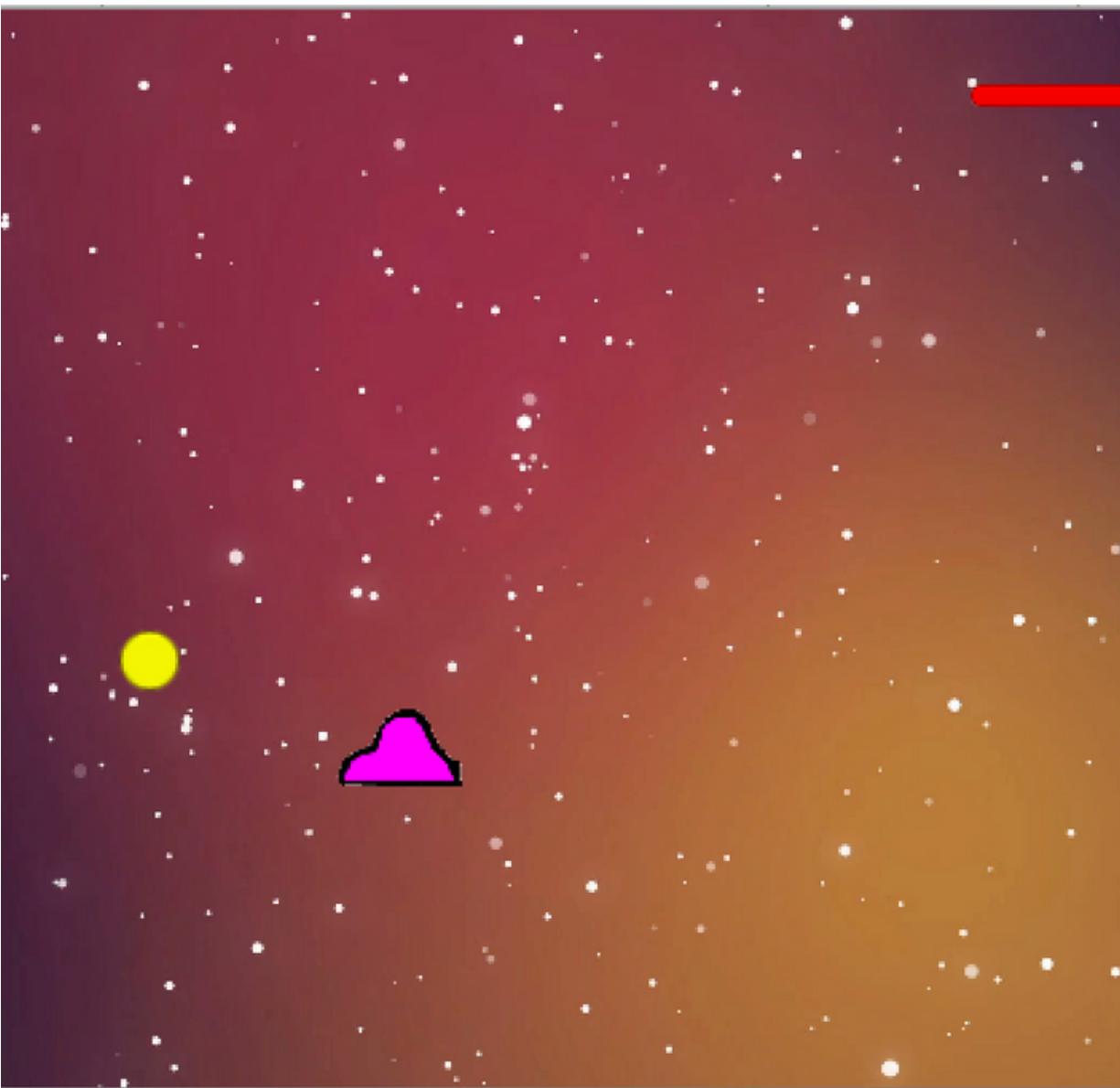
ETHVIEWER ON VIRTUAL REALITY

CSIRO/DATA61 and EPICentre UNSW Internship 2018.



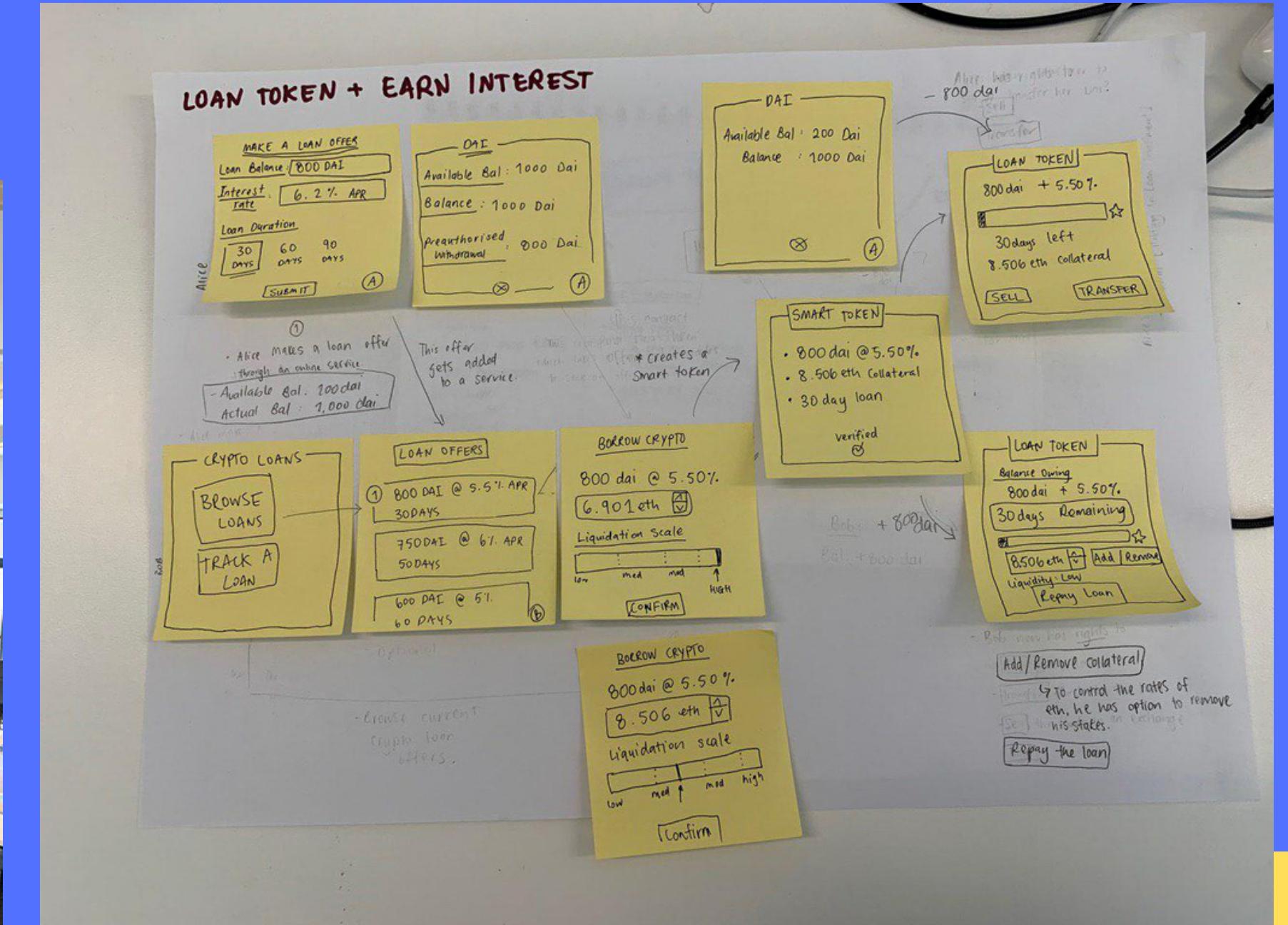
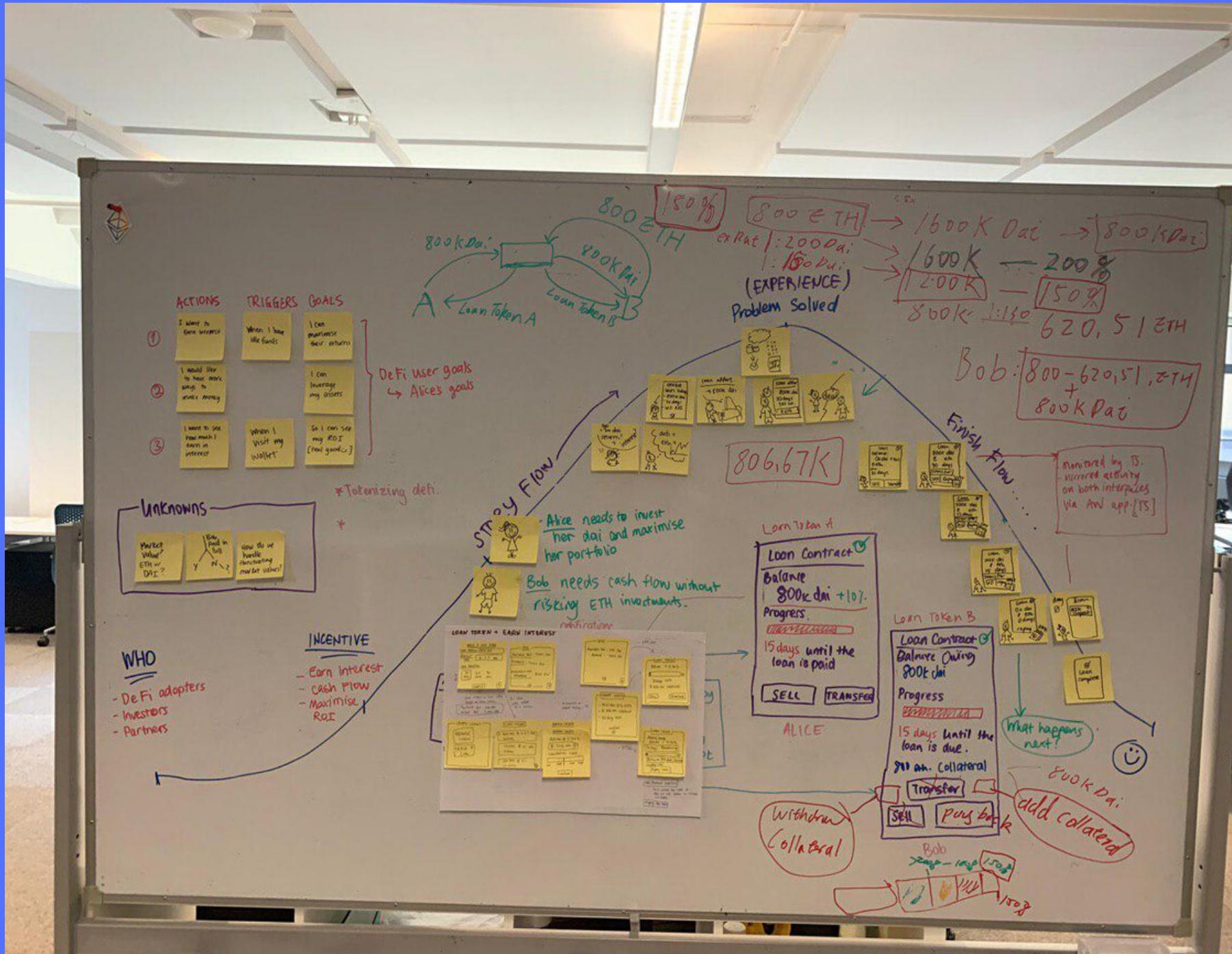
2D GAME - BLOBBY

Autumn 2019



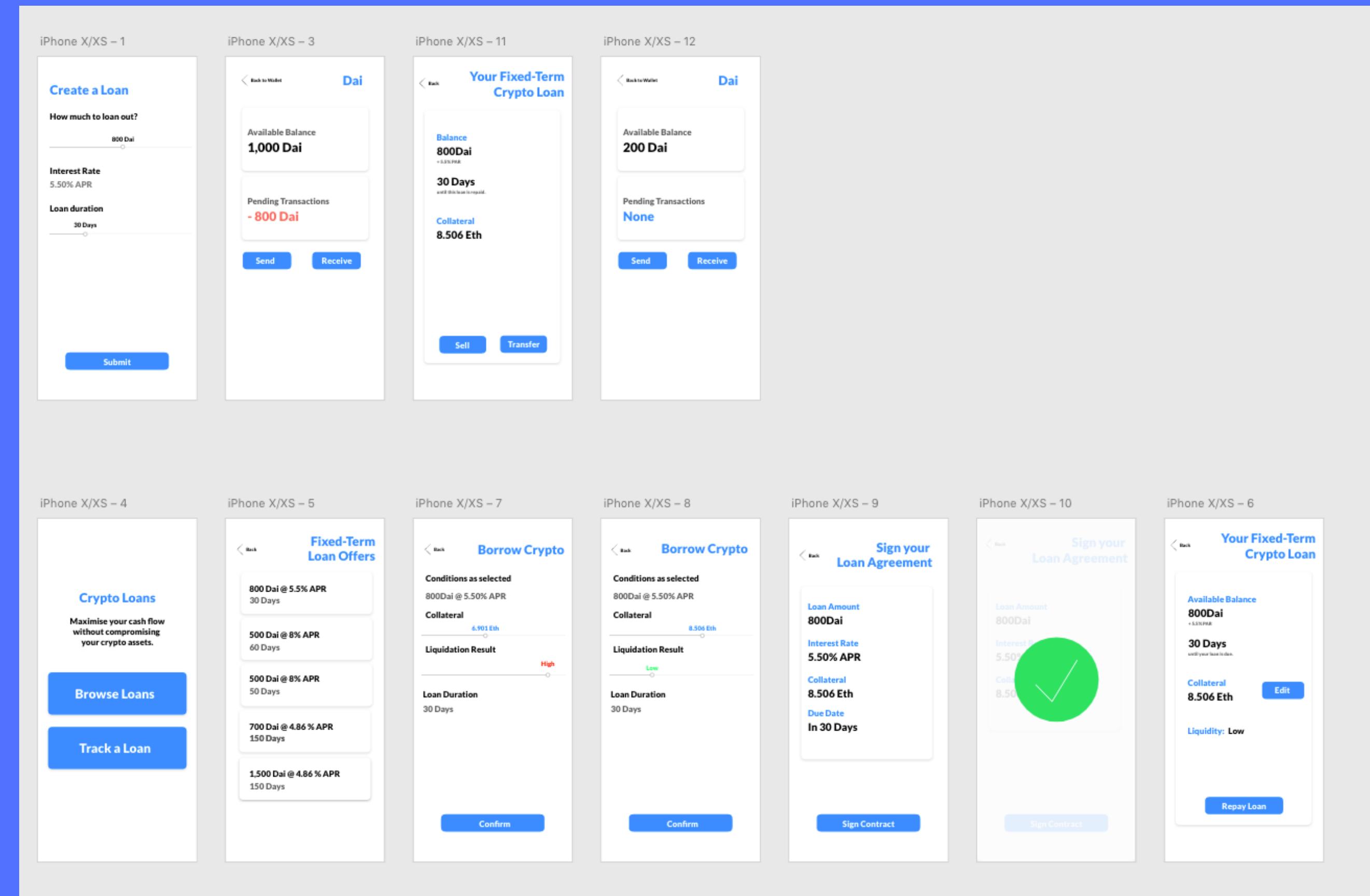
ALPHA WALLET

UX/UI Storyboard for CryptoLoans



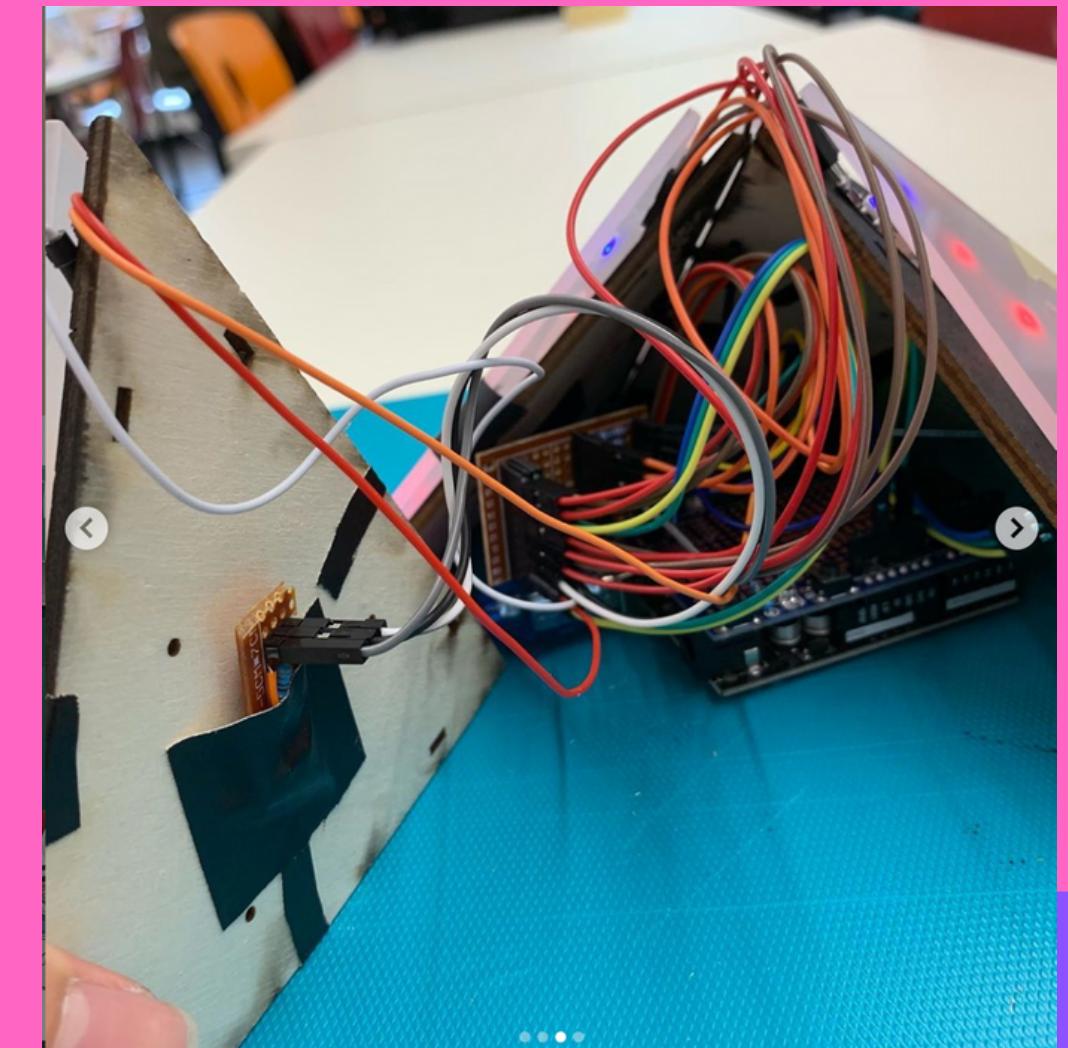
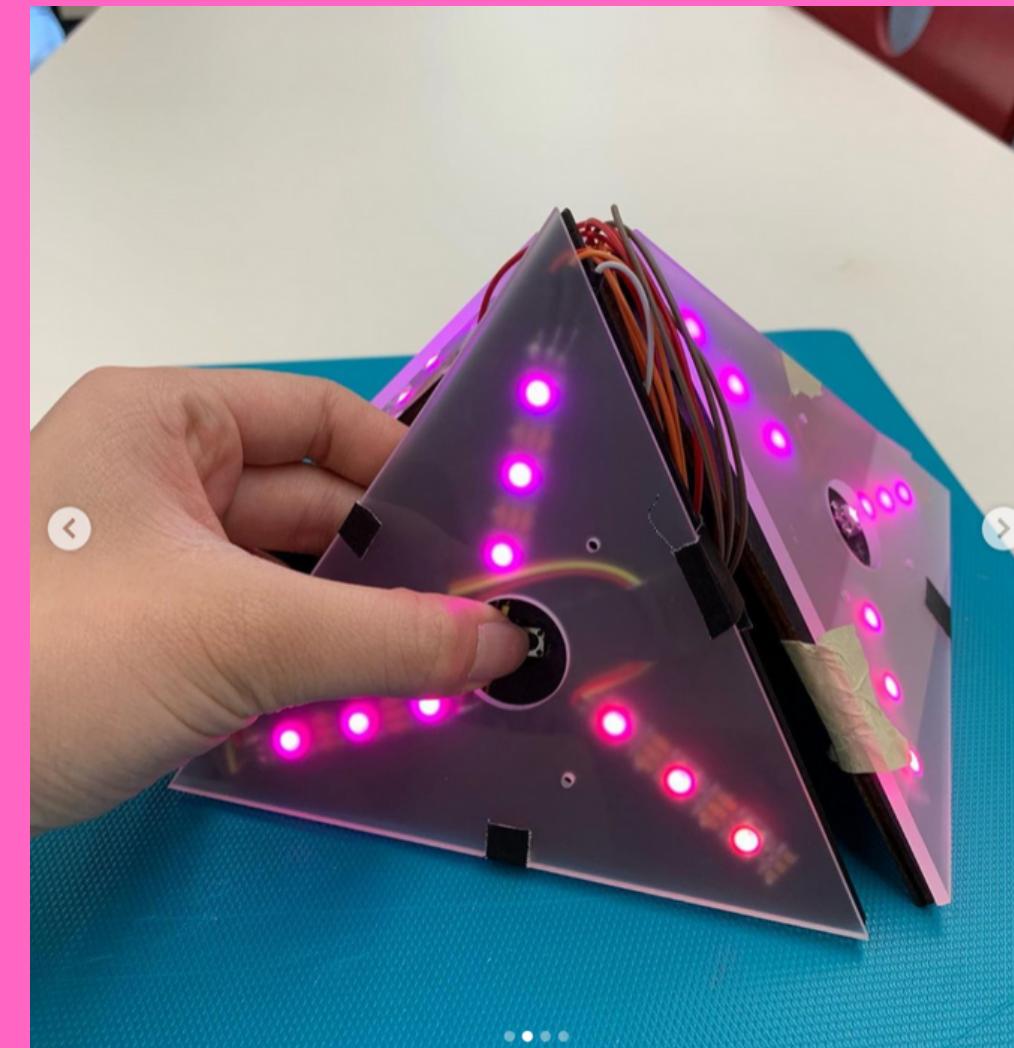
ALPHA WALLET

This is a Crypto Loan that enables Lenders to lend crypto to earn interest and traders to get cash flow for Crypto assets.



TRIANGLES OF LIGHT

TUB Berlin July 2019 - UTS BUILD Program



I used: Arduino, LED Strips, Plexi-glass, soldering and the Fast LED open source library.

RIPPERONI

Interaction Design Studio - Spring 2019

SPREAD AWARENESS OF BEACH
SAFETY

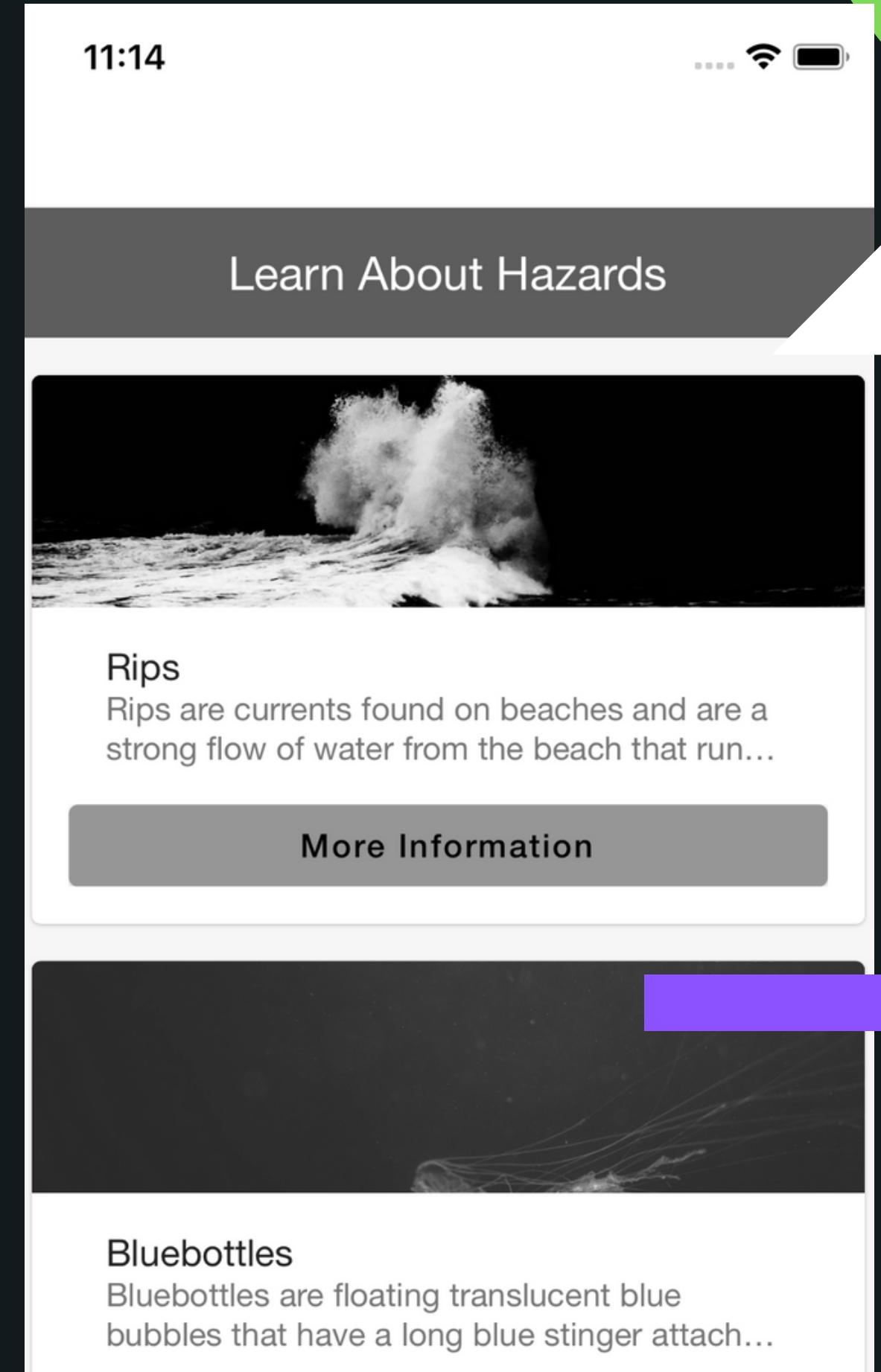
RIPperoni was inspired by the idea of beach
safety.

EDUCATE THE PUBLIC.

We used this project as a communication tool.

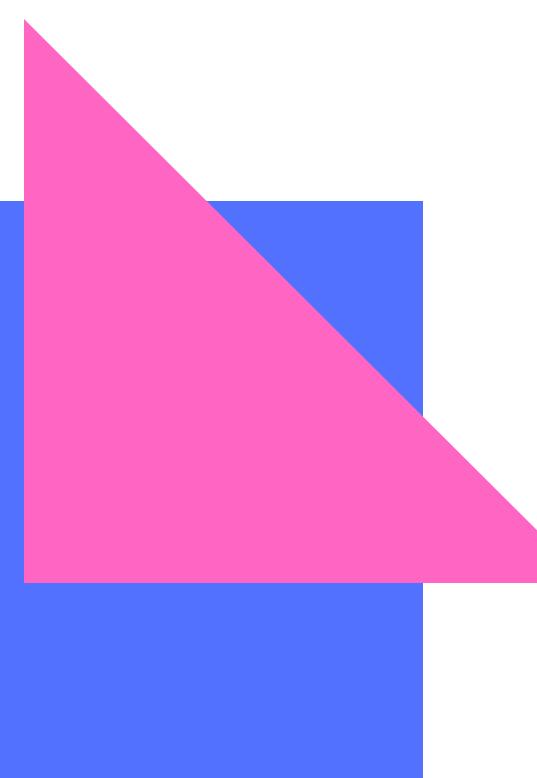
IMPLEMENTED ALL SKILLS OF THE
TEAM

We used all skills of the team members to
create a most viable product.





WHAT CAN BE IMPROVED?



WHAT THE APP DID.

We didn't have enough time dedicated to field testing to implement live location data.



EDUCATION FOR ALL AUDIENCES.

Presentation of the information that was to educate the public was not interesting enough.

What went well with RIPperoni?

TARGET ISSUE

The product that we have designed targets a common issue and we are proud to have aimed it at that.

DESIGN CONCEPT

We have based the app around educating people about beach safety but to also implement functions to post hazards.



Rips

Rips are currents found on beaches and are a strong flow of water from the beach that runs back out into the ocean.

How to avoid

Swim between the red and yellow flags. If the beach isn't patrolled by lifeguards then swim in the most populated area. Things to look for to avoid a rip: Deeper darker coloured water, fewer breaking waves, a rippled surface surrounded by smooth waters, anything floating out to sea or sandy discoloured water out beyond the waves.

What to do

If caught in a rip, swim parallel to the beach, swim across, do not swim straight in. Often there will be shallow water on either side of the rip where you will be able to stand, swim to the side and then come in. If you can't swim in then raise your hand in the hand and wave it to signal for help.

[Go Back](#)

Learn About Hazards



Rips

Rips are currents found on beaches and are a strong flow of water from the beach that run...

[More Information](#)



Bluebottles

Bluebottles are floating translucent blue bubbles that have a long blue stinger attach...

[More Information](#)



Submit Hazard

Bronite Beach

Collaroy

Coogee Beach

Manly Beach

Date

10/8/2019 - 11:47:22 AM

Pick a date

Sat Oct 5	7	00
Sun Oct 6	8	15
Mon Oct 7	9	30 AM
Today	10	45 PM
Wed Oct 9	11	00
Thu Oct 10	12	15
Fri Oct 11	1	30

[Confirm](#)

REACHING OUT

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Email