

Unicorn Financial App

Figma
Women in Informatics Hackathon
Group Project

This is a design for a 8 hour hackathon put on by the Women in Informatics club. Teams of four were told to design an app under the theme of build and innovate onwards. We came up with the 'Unicorn' which is a financial app that helps students find quick jobs, make money, and set financial goals.

Select Country

China United States Germany

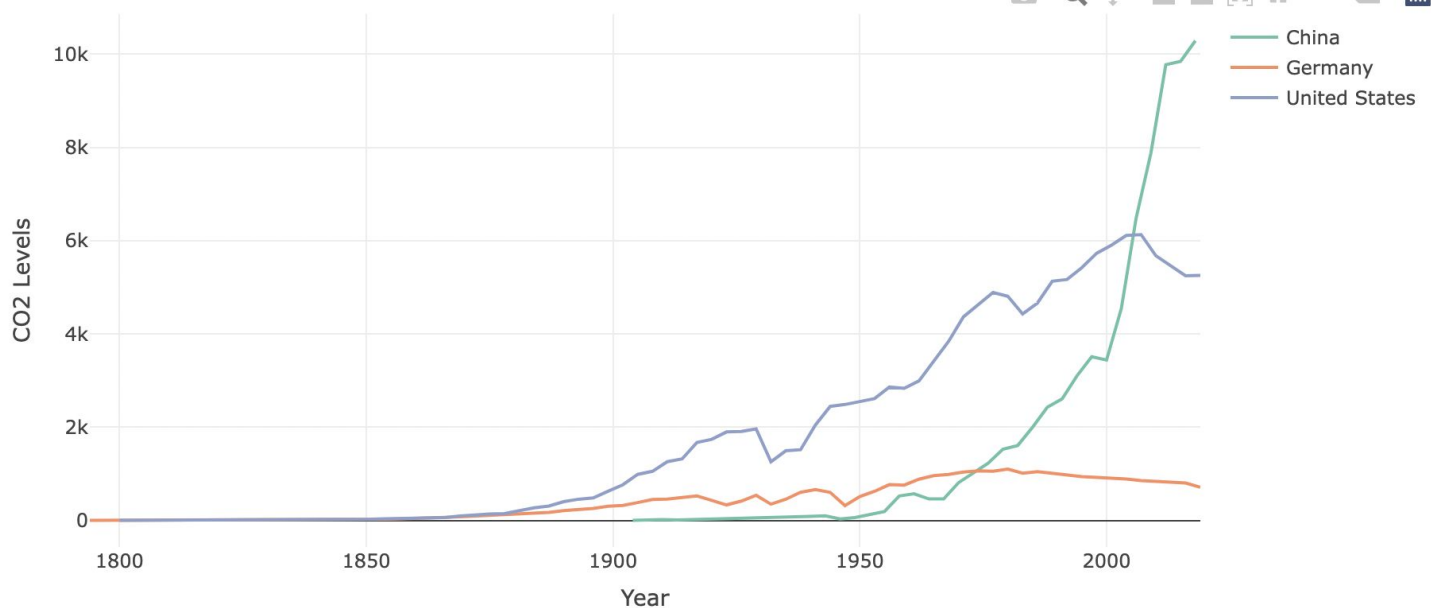
Select Type of Co2 Emissions

☒ Total CO2

☐ Coal CO2

☐ Gas CO2

Total CO2 Levels Per Country



Select Country

Canada United Kingdom India

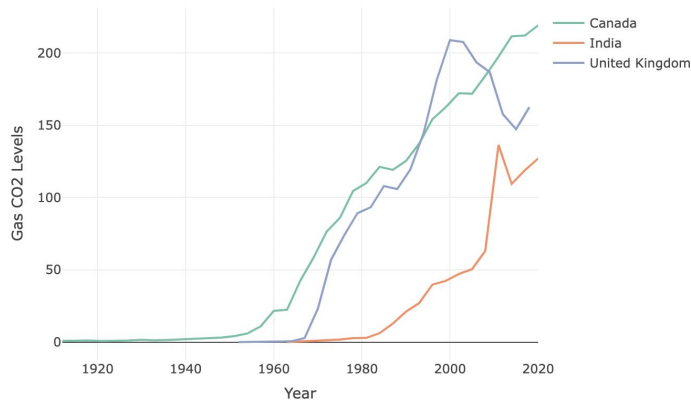
Select Type of Co2 Emissions

☐ Total CO2

☐ Coal CO2

☒ Gas CO2

Gas CO2 Levels Per Country



Select Country

Australia Cuba Chile

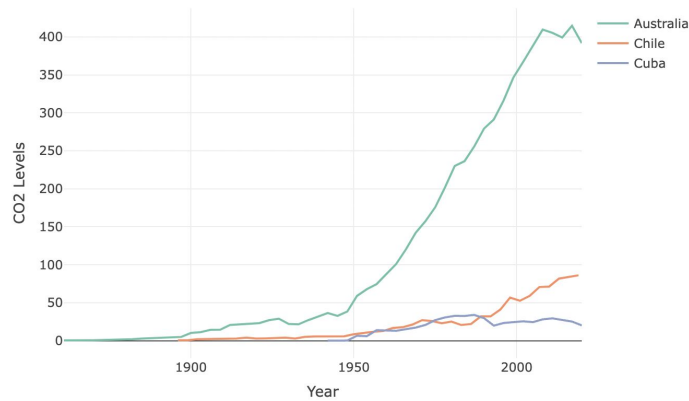
Select Type of Co2 Emissions

☒ Total CO2

☐ Coal CO2

☐ Gas CO2

Total CO2 Levels Per Country



Climate Change Visualization

R Shiny Package

INFO 201: Foundations of Data Science

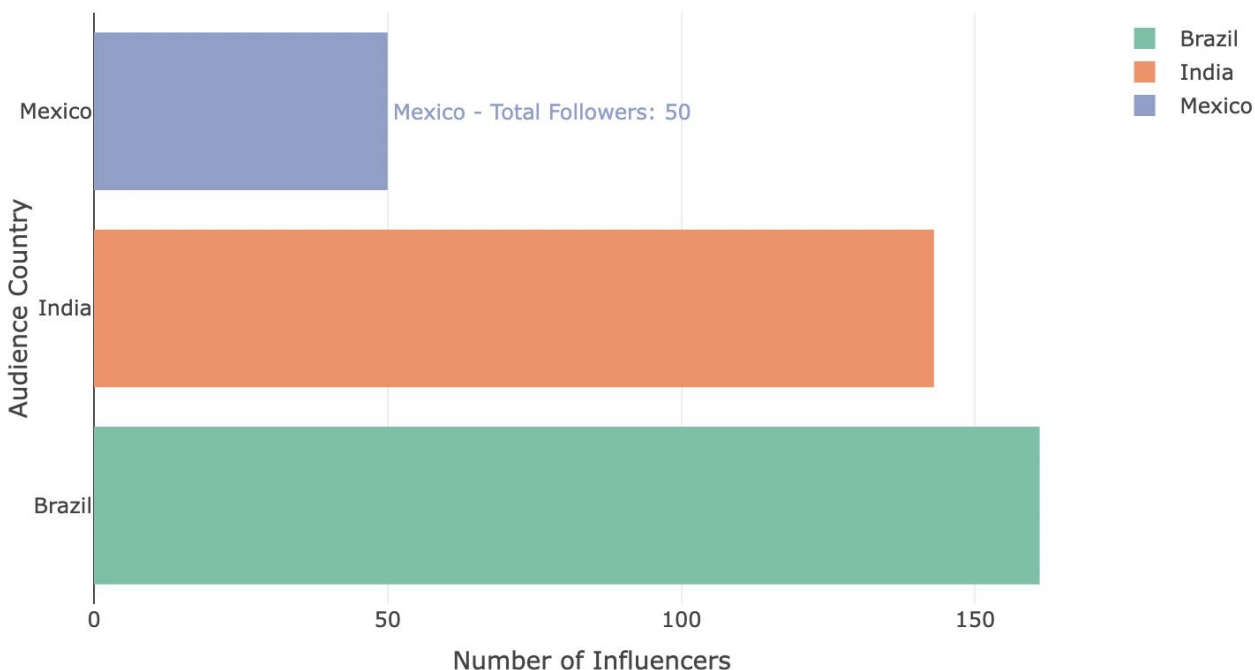
<https://kylahmoon.shinyapps.io/a4-climage-change-kylahmoon/>

This is a Shiny App created through R that analyzes climate change data and displays the information in an interaction line graph. This was created as a project to bring awareness to different CO2 levels in countries around the world.

Select Country

India Brazil Mexico

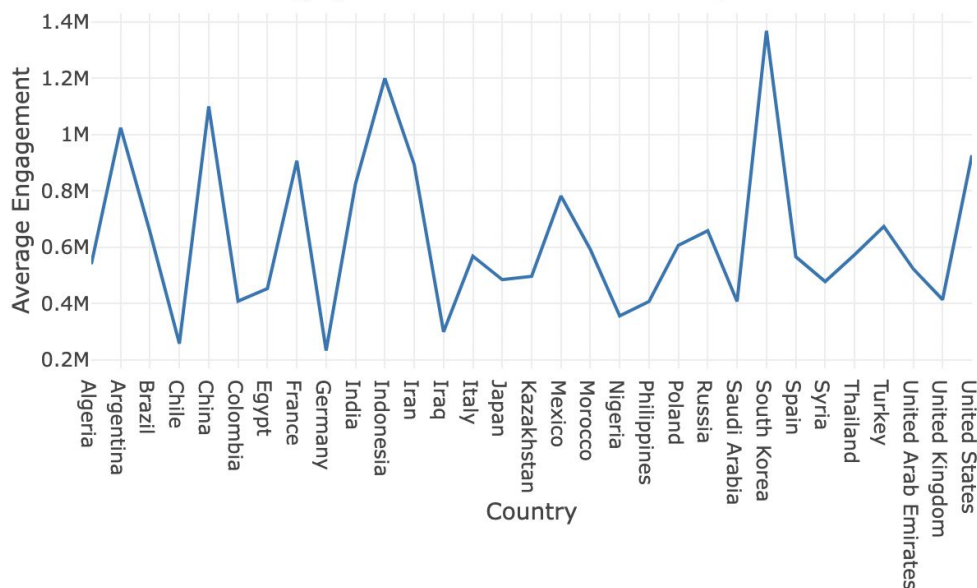
Number of Influencers Per Country



Countries

India United States
 Argentina Brazil Indonesia
 Iran France Mexico Russia
 South Korea Egypt Turkey
 Spain Italy China Colombia
 United Kingdom Poland
 Nigeria Thailand Philippines
 Saudi Arabia Morocco
 United Arab Emirates Iraq
 Germany Algeria Syria
 Kazakhstan Japan Chile

Engagement of Audience Globally



Group Project: Influencer Visualization

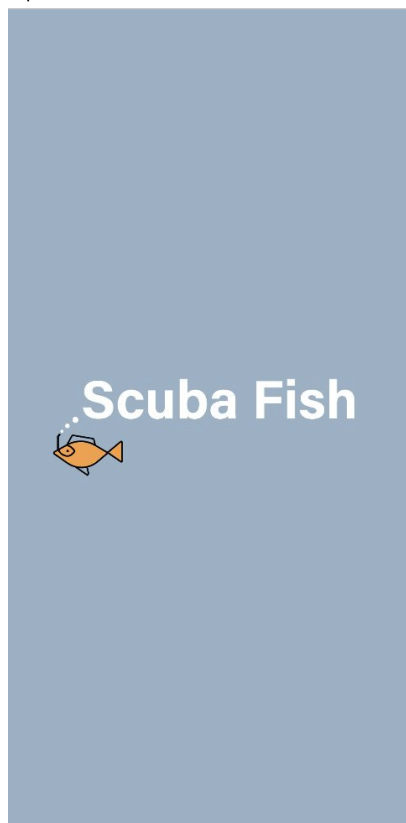
R Shiny Package

INFO 201: Foundations of Data Science

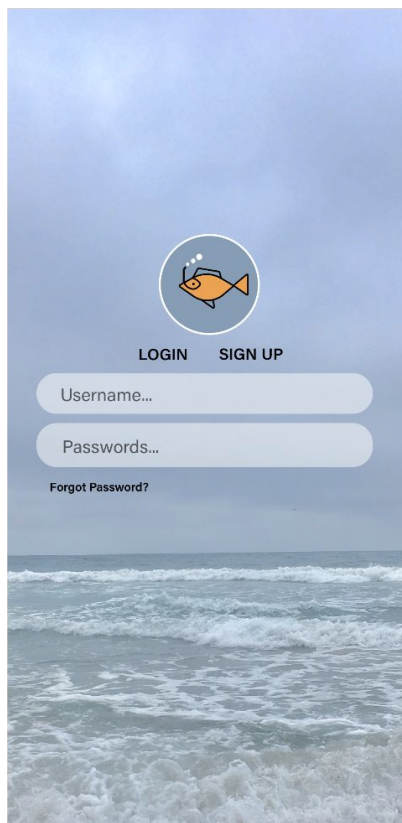
<https://emma-spence-18.shinyapps.io/final-project-kylahmoon/>

This is a Shiny App created through R that analyzes different data on 'influencers' or people with large followings on social media platforms such as Instagram, Tik Tok or YouTube. We created different types of interactive visualizations to display our data.

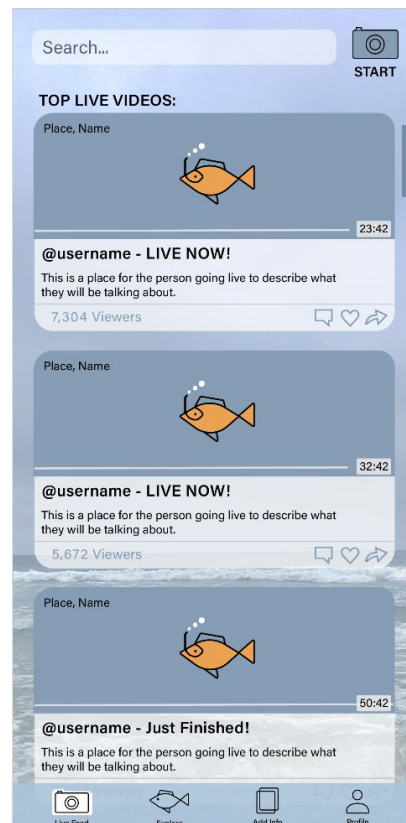
Splash Screen:



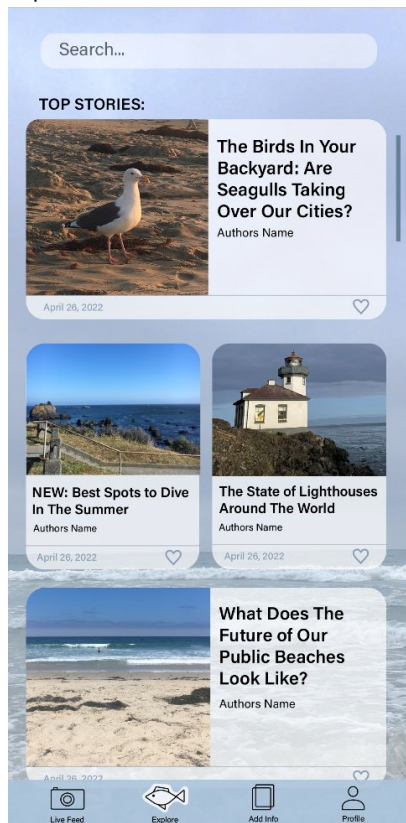
Log In Screen:



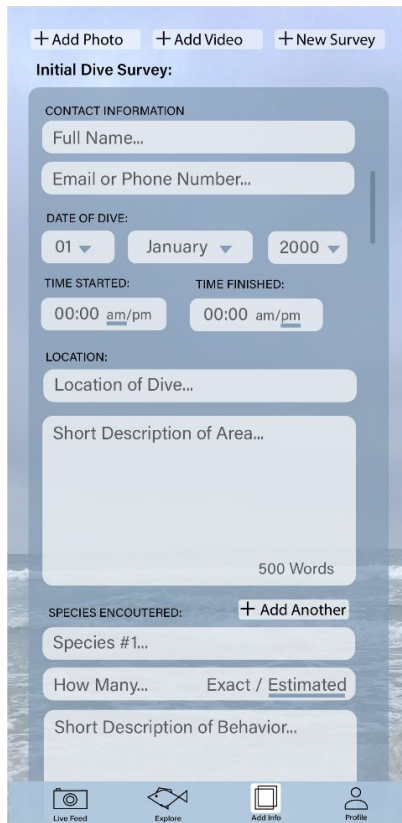
Live Feed:



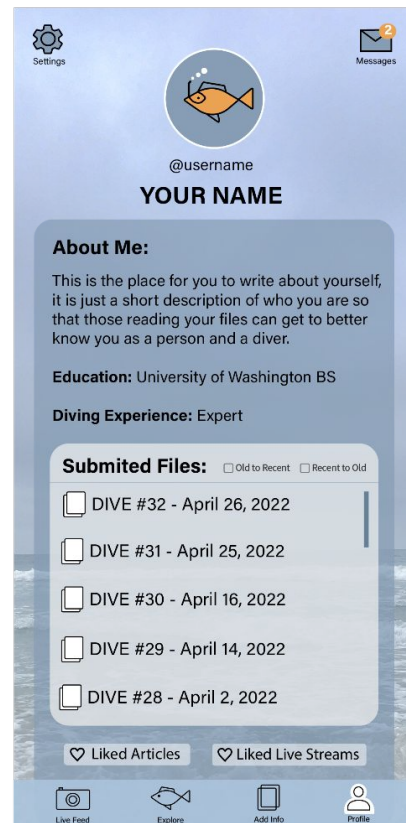
Explore:



Add Information:



Profile:



HCDE Scuba Fish App

Adobe Illustrator
HCDE 210: Explorations in HCDE
Instructor: Kenya Mejia

This is the design for a two week long HCDE Interaction Design Deliverable assignment where students were asked to create an app that allows users, I chose scuba divers, to collect and record data on an animal population. I took the photos and created all elements myself.



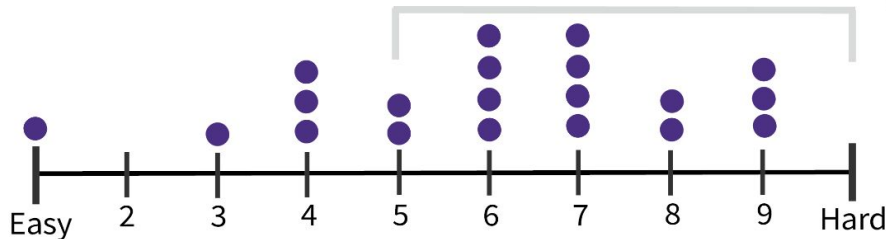
MyPlan User Research

April 2022

How can we improve **MyPlan** to better serve **students** as they register for classes?

I surveyed **20** first-year University of Washington students using Microsoft Forms.

15 out of 20 students rated MyPlan a **moderate to high** difficulty level for finding classes.



Some say its **challenging** because...

- "There's so many words and it's not organized well and I can't find things that are open" – Anonymous
- "It's self-guided and sometimes it's hard to know or find what exactly you need" – Anonymous
- "I never know which classes to take" – Anonymous

I asked students which **feature** they would find the most **helpful**.

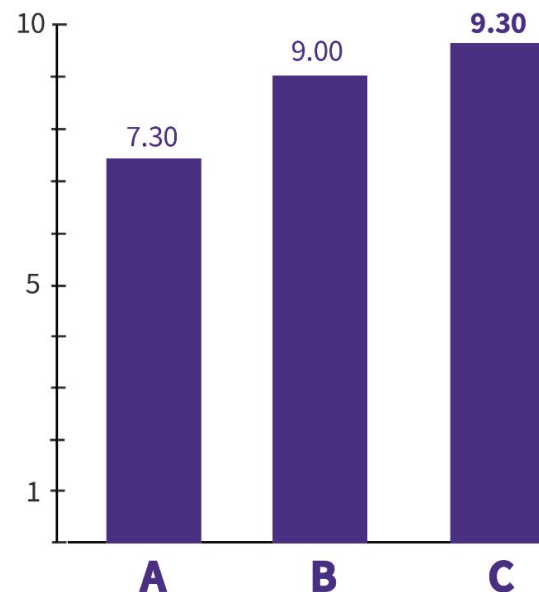
A: Live Chat - ask questions to advisors and post/read other students questions.

B: Class recommendations- system suggest similar classes that you might enjoy.

C: Class Rating System- students post and read reviews on UW classes.

The Class Rating System is the feature I decided to incorporate into the MyPlan System.

The average of all answers received (1-10):



User Research about MyPlan - 1

Microsoft Forms and Adobe Illustrator
INFO 200: Intellectual Foundations of Informatics
Instructor: Dr. Wes E. King

For this project we were asked to design a new feature for MyPlan to help solve a user problem. In my freetime I conducted a survey to see what students didn't like about MyPlan and what they would find the most helpful as a new feature, I used this to better design my product.

MyUW UW.edu username Sign Out

MyPlan Registration APRIL 2022

Explore
Find Courses
Find Programs
View Course Bookmarks
View Programs Bookmarks

Manage
View Academic Year
View Spring 2022
Build a Schedule

Track
Audit Degree (DARS)
Audit Plan
Find CTC Transfer Equivalency

Suggested For You
Live Chat
Class Reviews
Course Map

Find Review

Course Title, SLN Code, Teacher... Search

Most Popular Courses:

Course Title:	Rating:	Difficulty Rating:	Credits:	SLN Code:
ABCD 123 Professor Name	★★★★★ 655	4.5/5	5	123456
ABCD 123 Professor Name	★★★★★ 506	3.3/5	4	123456
ABCD 123 Professor Name	★★★★★ 452	5/5	5	123456
ABCD 123 Professor Name	★★★★★ 200	4.2/5	3	123456
ABCD 123 Professor Name	★★★★★ 102	2.2/5	5	123456

+ Write A Review

MyUW UW.edu username Sign Out

MyPlan Registration APRIL 2022

ABCD 123
This Is The Course Title - Professor Name

SHOW: ☐ 1 Star Reviews ☐ 2 Star Reviews ☐ 3 Star Reviews ☐ 4 Star Reviews ☐ 5 Star Reviews ☐ Most Likes ☐ Recent to Old ☐ Old to Recent

April 17, 2022 ★★★★★ 3.5/5

This is a short description about how the student felt the class went. They can provide specific notes to students and any swear words or inappropriate language will be flagged. Students will also have the ability to upvote or down vote specific reviews. They can also report the review if they feel it is unhelpful or harmful. This will help other students make informed decisions about what classes to take.

Grade: 3.8

April 15, 2022 ★★★★★ 4.5/5

This is a short description about how the student felt the class went. They can provide specific notes to students and any swear words or inappropriate language will be flagged. Students will also have the ability to upvote or down vote specific reviews. They can also report the review if they feel it is unhelpful or harmful. This will help other students make informed decisions about what classes to take.

COURSE INFORMATION:

★★★★★★★★ 452

Course Description:
This is a short class description that talks about what is going on in the class. This is the same description as the one that is in the courses page. This can also help students recognize if the class they are looking at is the same one as the one they are hoping to register for.

SLN Code: 12345

Credits: 5

General Education Requirements:
DIV | NW | W

Find Class in Courses

+ Write A Review

Class Rating System Feature - 2

Adobe Illustrator

INFO 200: Intellectual Foundations of Informatics

Instructor: Dr. Wes E. King

Students voted 'Class Rating System' as the most needed feature for MyPlan. All elements are reconstructed from scratch to fit in with the MyPlan's layout so it looks like a cohesively designed feature that MyPlan could implement, I made all the elements myself.



T Magazine Cover Design - 1

Adobe Illustrator and Photoshop
Design 166: Design Foundations
Instructor: Karen Cheng

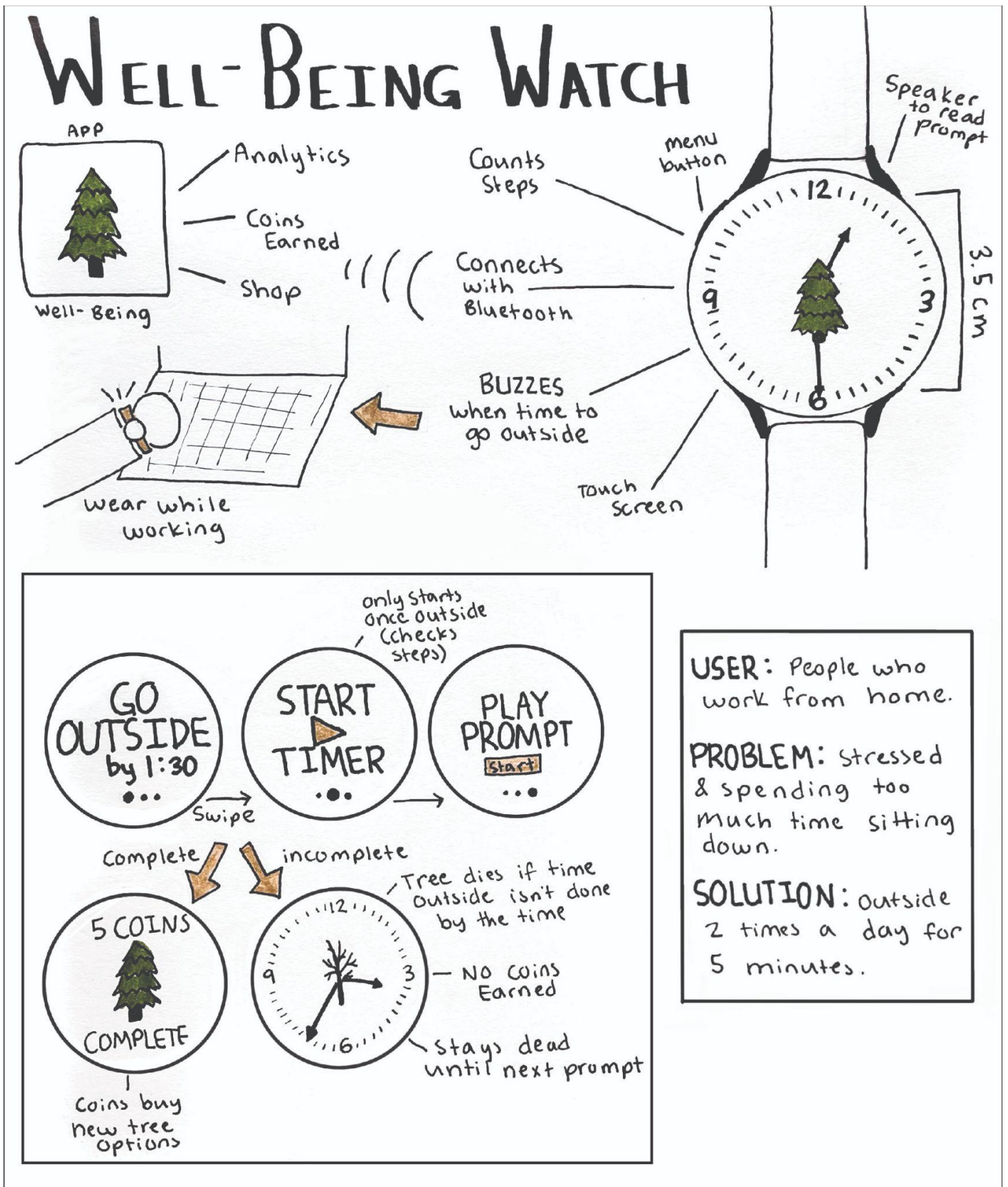
For this project we were asked to redesign the cover for the friendship themed Culture Issue of T Magazine. I photographed different college roommates in their dorms to represent the relationships we form in new places and situations.



T Magazine Cover Design - 2

Adobe Illustrator and Photoshop
Design 166: Design Foundations
Instructor: Karen Cheng

For this project we were asked to redesign the cover for the friendship themed Culture Issue of T Magazine. I photographed two people having coffee in a cafe to represent the connections and conversations we have with friends in different places.



Habit Project

Pen, Marker, Paper, and Adobe Illustrator
8.5 in by 11 in
Design 166: Design Foundations
Instructor: Karen Cheng

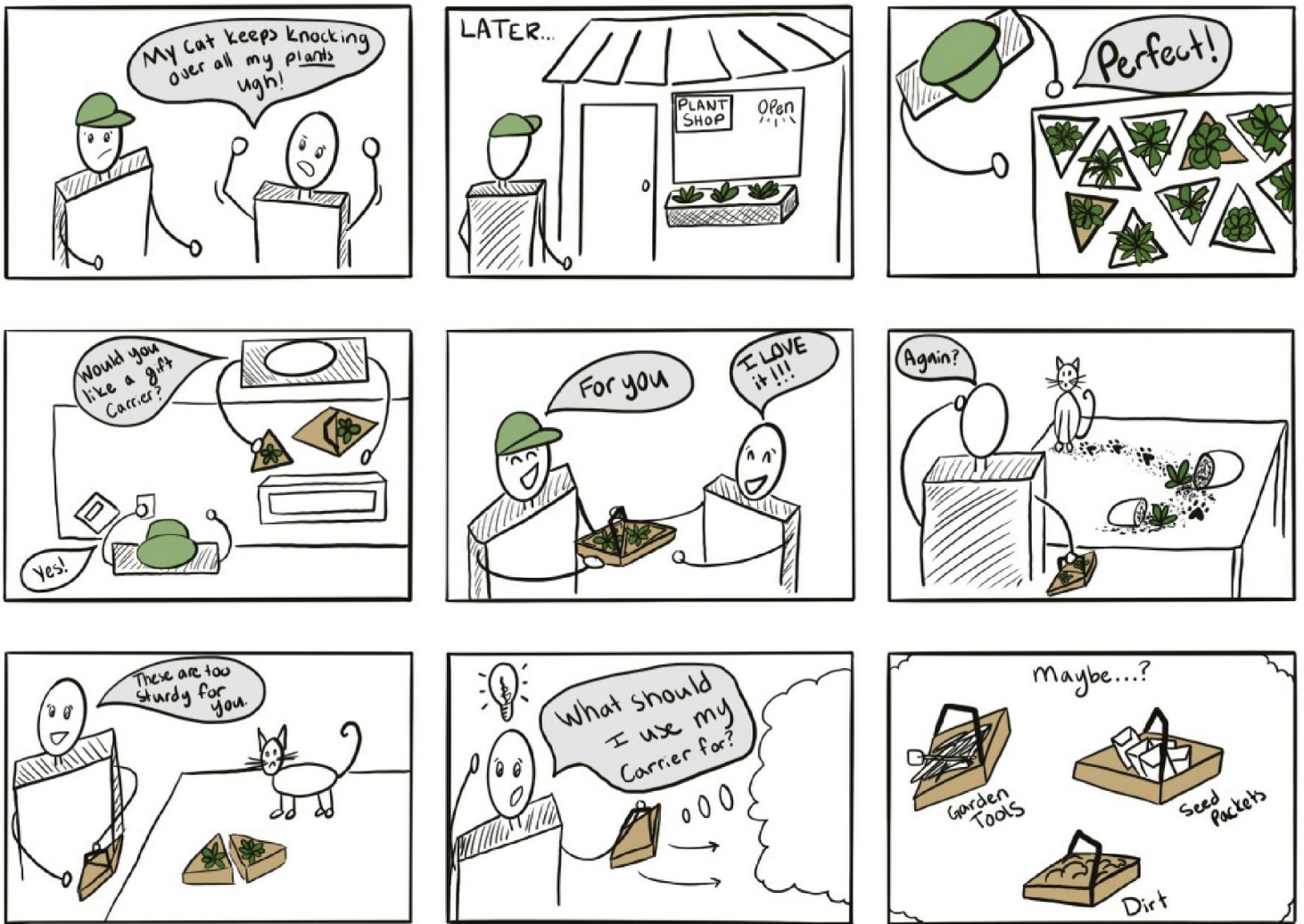
I designed the basis for a product that would be more accessible, have a simpler design, and be easier to use. I originally lost points in the categories of usability and functionality so I focused on those when I changed the design and improved the interaction process by turning it into a watch.



Plant Design

Cardboard
Design 166: Design Foundations
Instructor: Karen Cheng

For this project we were asked to design a cardboard plant box only using cardboard & different types of slots/tabs to connect the package together. I designed a sturdy triangle design and gift carrier that could be later used to carry things such as seeds or tools.



Plant Design Storyboard

Procreate and Adobe Illustrator
Design 166: Design Foundations
Instructor: Karen Cheng

This is the storyboard for my cardboard plant Design. It shows the user problem, solution, and afterlife purposes of the container.