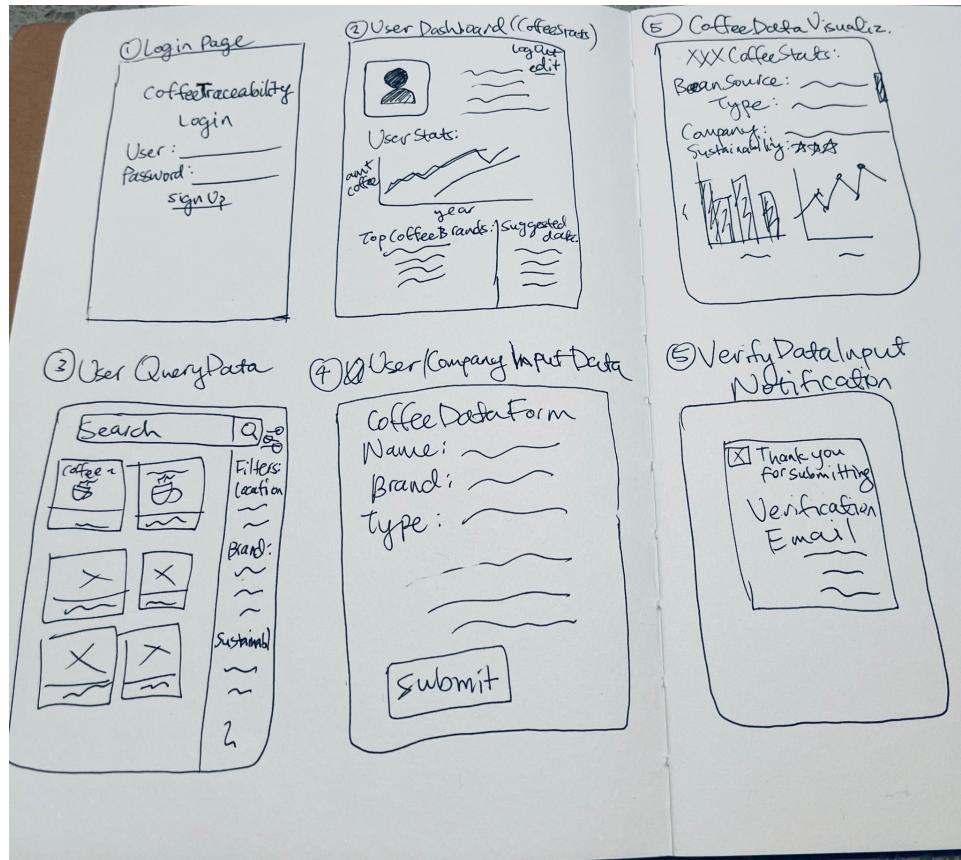


Milestone 2

Sketches



Feedback, via Slack and with TAs

Dingwen Liu 11:43 AM
@Ziqian (Jeffrey) (He/him) @Lisa Cheung @Ryan Diep @Yunlong Li @Young Jin Park
#Group 18

All these processes help us build the outline of our final project. The most helpful part is the observational study part. By doing this, we get feedback from our target users. Those feedbacks helped us adjust our outline and future design.

Observation:

By examining this coffee package, can you identify what type of coffee bean is used?

How reliable do you consider this coffee brand? (Rate 1-5)

How often do you buy this coffee brand? (Rate 1-5)

Where do you think the beans are produced?

2 files ▾

The image contains two side-by-side hand-drawn sketches. The left sketch depicts a world map with various regions labeled, including 'South America' and 'Africa'. A small circle labeled 'bean' is placed near the South American continent. The right sketch shows a user interface wireframe for a coffee app. It features a 'Search' bar at the top, followed by a central area with three cards: 'Visualisation' (showing a flowchart), 'Production process' (showing a series of steps), and 'Map' (showing a location pin). To the right of these cards is a sidebar with sections titled 'Brands:' and 'Locations:', each containing a list of items represented by wavy lines. At the bottom left of the right sketch, there is a small icon of a person with the word 'Tool' next to it.

Feedback to Other Teams

11:22 5G

Thread #final-project-feedback

C Lei Hao Aug 2nd at 10:48 PM

@Johannes Fung @Luna Tian @Harry Wu @Zhuowen Chen Group #19

Hello everyone, we are group 19. We are making an APP about healthy habit monitoring.

The main features are:

- Calculate & monitor daily calories from users' daily food intake.
- Monitor user's nutrition related to calories and exercise.
- Give some suggestions on how to choose appropriate ingredients for each meal.
- Monitor users' body status, such as weight, and calories burned for your current exercise.

Target user: someone who wants to maintain their healthy habits, and would like to record/measure the amount of calories intake and choose the right ingredients for their diet.

Please give us feedback on how to connect the meal calories and exercise burned calories together, either from functionality or layout portions.

Final Sketches and Analysis.pdf 910 KB PDF

(Goal: lose 20 pounds. Day 1
Breakfast: 300g
Lunch: 300g
Dinner: 300g)

+ Add a reply

Home DMs Mentions Search You

J Ji Hoo Kang Today at 12:00 PM

@Alvaro Ortiz @Angelica Chi @Kristen Vitolo @Sandra You @Ruben Pulido

Hey everyone, we're team 16! We're working on a plant marketplace application. Our intended audience are plant owners; however, we may narrow it down to plant owners in the Berkeley area. We hope our app helps plant owners stay accountable by allowing them to find a new home for plants they can no longer care for. So far, we're thinking of supporting features such as putting a plant up for sale, browsing/searching for plants, and purchasing a plant. We may include other features such as direct messaging to facilitate communication between the buyer and seller while also making our app more reliable. We're excited to hear your feedback! (edited)

4 files ▾

1 reply

Ryan Diep 1 minute ago

Hi, one scenario I thought of regarding the searching for plant was searching by category and by keyword together. From what I understand, the user can only search by keyword or by category, but what if the user wants to search for "green plant within 5 km"?

Thread #final-project-feedback

Y Tania Chavez Aug 2nd at 9:05 PM

@Alfredo @Henry Jin @Prachi Oza @Sav Bowerfind Group 6:

Hello! We are working on an app focused on promoting local music shows and community events. Our goal is to facilitate and encourage community involvement in local events by giving users good insight about the safety and inclusivity found at places that may be new to them. The app will focus on holding venues accountable for creating a positive environment for everyone involved in an event, as well as holding people accountable for supporting local arts and culture. The app will include features such as a Comments/Reviews section for each venue, Tags of important features for each venue, and Upcoming Events in the area.

We would like feedback on the layout of the Event/Venue frame, such as which features should be emphasized at the top of the frame. We would also like feedback on the Search Frame, specifically which elements to add and the overall layout of elements. Any other feedback is also appreciated!

Thread #final-project-feedback

'Report an Issue' button and the direction button near the bottom of the page. As an aside I think the direction button could be a little confusing to users, as it is not inherently clear what it does.

In regard to the search frame, I think it could contain a search bar like you have, along with a list of venues in the area of the user, that can be filtered. The user can filter the list using distance, or perhaps even filter by tags for features each venue offers (shaded seating, public bathrooms, etc).

seolyeong bae 4h ago

Hi! I love to join the local music show, but usually, there is no information for the show. "Upcoming Events" would be a good feature for users like me. Also, showing the upcoming events info on the map is a good option. But I wonder how search results appear and why users only input the numbers at the search bar.

Dingwen Liu 1m ago

Hi Group 6, I love your ideas of encouraging people and protect them at the same time. For the layouts, I would say more icons and buttons will help a lot. You can try to implement those paragraphs and functions into a box or icon so that user won't have to read too much words to find out what they need.

Thread #final-project-feedback

In terms of how the interface looks, I think the current design is a little bit too "task feeling". Users might want to be chiller when using this app instead of having a feeling of there are tasks to complete. Maybe the contact list can be arranged in non-listing format(e.g. randomly-sized bubbles with friends' name displayed that allows users to further interact with after clicking a specific bubble).

Hope to see your final design soon! 😊

Young Jin Park < 1 minute ago

Hey! I think the problem you guys are trying to solve is a real one and something I definitely struggle with as well. I think notifications remind you of people you haven't talked to in a while is a really good idea and a solid way to make sure you are keeping in touch with people.

Some suggestions I have in terms of features is stuff like managing birthdays, mother's day, father's day, stuff like that where you might set the application to notify you on set days. Another thing you guys might be able to do is link social media along with their email name and phone numbers because that's also a big part of socializing and keeping in touch with friends now as well.

L Lisa Cheung now

Hello, I really liked how you used visualizations for the calorie quantities and had a clear task analysis. I also like how you can save the data and also get a summary of the nutrition. Some ideas that I would recommend giving estimations and suggestions on how much calorie intake based on the user's past data and profile. I would also have a page for recommended nutrition and exercise methods.

Storyboards, Personas, and Scenarios

Persona

Pete is a coffee enthusiast. As a student at UC Berkeley, he is a verifiable hippie and cares about things like ethics, the environment, and sustainable practices. He enjoys a light roast like a proper coffee nerd should and insists that specialty coffee is much better than Starbucks. He buys beans at times to brew in his espresso machine at home, but also enjoys visiting shops around town for a peaceful cup of hot espresso.



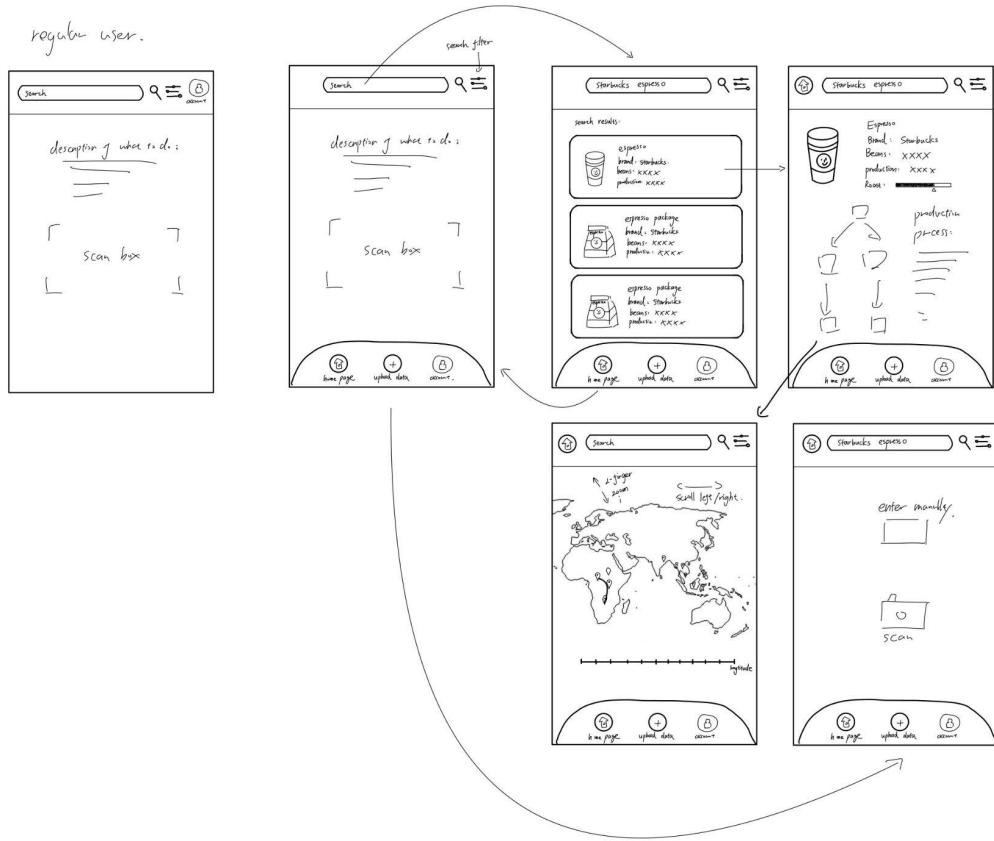
Caw Fee is a casual coffee drinker. As a GSI at UC Berkeley, they only drink coffee for caffeine intake. While they are not particular about the craft or taste of coffee, Caw Fee tries to have a lower carbon impact and be an ethical consumer. They frequently buy drinks from stores like Starbucks, Peet's, or other similar chain coffee shops. However, Caw Fee recently read an article about the wastefulness and environmental impact of chain coffee shops, and is looking for new sources of caffeine.

Textual Scenario

Pete is concerned about whether or not he is being an ethical consumer. Before buying some new beans from his local coffee roastery, he looks up the information on the origin of the beans. Pete opens his coffee tracking application and enters the name of the coffee bean into the search bar. The application shows Pete a visualization of the process the coffee beans have taken, from farm to roastery. Wanting to know more about where the beans were grown, Pete clicks on the Origin part of the visualization. It turns out that the beans were grown by a farm associated with Nestle, so Pete decides to not buy the beans.

Caw Fee went to Starbucks to get their usual iced quadruple espresso, and was wondering if their coffee was ethically sourced. Caw Fee opens their coffee tracking application and enters the name of the item they ordered at Starbucks, which then shows Caw a visualization of the source of the coffee beans. Caw Fee looks through the visualization, and finds out that in the Origin part, that the beans were grown using slave labor. Disgusted, Caw Fee throws away their coffee and refuses to ever get Starbucks again.

Wireframes



User-free Evaluation

Heuristic Evaluation:

- User control and freedom – Our app has a back icon on the bottom of the pages in case the user navigated to the wrong page and wants to exit.
- Consistency and standards – We keep the general home, add, and back buttons on a bottom tab of all the pages for consistency.
- Match between system and real world – We use familiar icons and data visualizations so that the experience is more intuitive for the user. For instance, we include simple flowchart graphs for the coffee production process, and the general icons for the search bar and home button.
- Aesthetics and minimalist design – We try to keep the interface as simple and easy to use as possible for the user, such as keep the coffee statistics page as simple as possible.
- Help and documentation – One thing we can do to improve our low-fidelity mockup is include a help page where users can ask questions.
- Help users recognize, diagnose, and recover from errors – We can improve our low-fidelity mockup and add a “no results found” page when the user searches for a coffee name that doesn’t exist.
- Flexibility and efficiency of user –

High-Fidelity Figma Mockups

<https://www.figma.com/file/I2DS2iQepREfOT1RIQ9NPQ/CoffeeTraceability?node-id=0%3A1>

Code Skeleton – tech stack, APIs, etc.

Front-end

Frameworks: Use either react or svelte, maybe use both depending on how the work gets divided. Work together to get a common visual style on CSS.

- Embedded static map for locations on the map
- UI components like the top bar (search, back, etc.), the bottom bar, buttons, main page, and others

Back-end

Node.js through sveltekit to create the backend with:

- Fetch data for nearby shops
- Fetch data for a shop's coffee
- Fetch data for a coffee product from a barcode / QR code or ID
- Login
- Upload product data for shops

Reflection on the Design Process

I found that making an initial sketch helped me brainstorm on how I wanted my user interface design for coffee production to look like while at the same time being suitable for the coffee drinker that we made for the user persona. It was also helpful to give feedback and evaluate our own wireframe using the heuristics so that we could improve our low fidelity mockup. Some suggestions we came up with was a results page when the user typed a coffee name that didn't exist and including other features like an efficient filter and help feature. After coming up with our prototype, we decided on the code stack that would suit our app the most. I found that building the figma prototype was the most helpful since we could interact with it and get a better sense of how we'd want our actual interface to look like. The least helpful part was giving feedback since it wasn't really connected to the app we were building. We made a few changes from Milestone 1 for how we imagined our home page design to look like and the tasks we wanted to be prototyped.