



CHOW

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Activity

- ◎ Process of choosing and making a meal for college students
- ◎ Relevant to us because we fit this demographic
- ◎ Learned that everyone's process is different and we wanted to help make it easier and more convenient

- ② Clustered into 7 main categories
 - ③ Time, app features, familiarity, scheduling, number of servings, organization, and miscellaneous
- ② Helped us identify the biggest needs students had



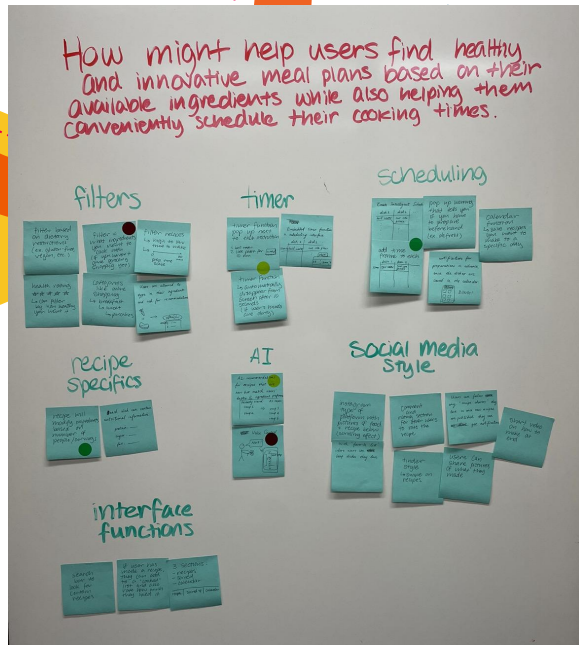
User Needs from Observations

- © Students need a way to prepare their meals in a way that's not time-consuming.
- © Cookers following recipes need a way to conveniently schedule and monitor cooking times, including some pre-processing steps such as defrosting.
- © Students need a way to get healthy and innovative meal plans based on their available ingredients.

The background features a large, light blue dashed circle that frames the central text. Scattered around this circle are various solid-colored geometric shapes: a large lime green circle at the top left, a medium blue circle at the top center, a large cyan ring at the top right, a large orange circle at the bottom left, a large yellow circle at the bottom right, and several smaller circles in green, blue, orange, and pink. A thin, light blue dashed line also curves around the right side of the central text area.

Problem Statement

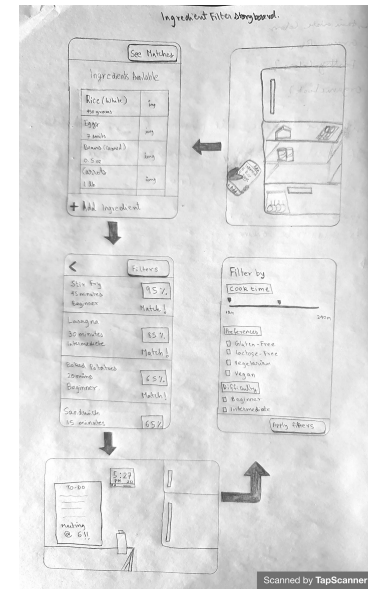
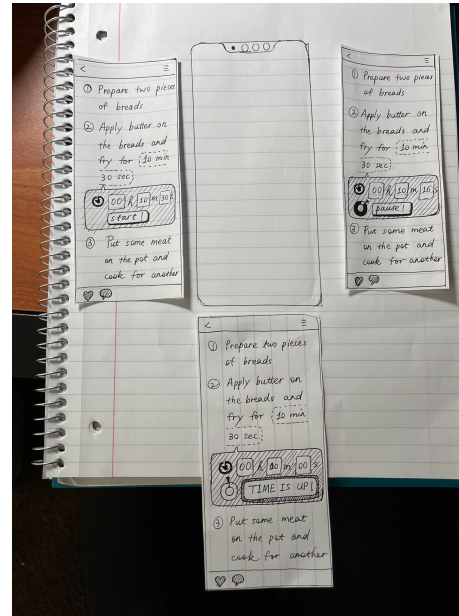
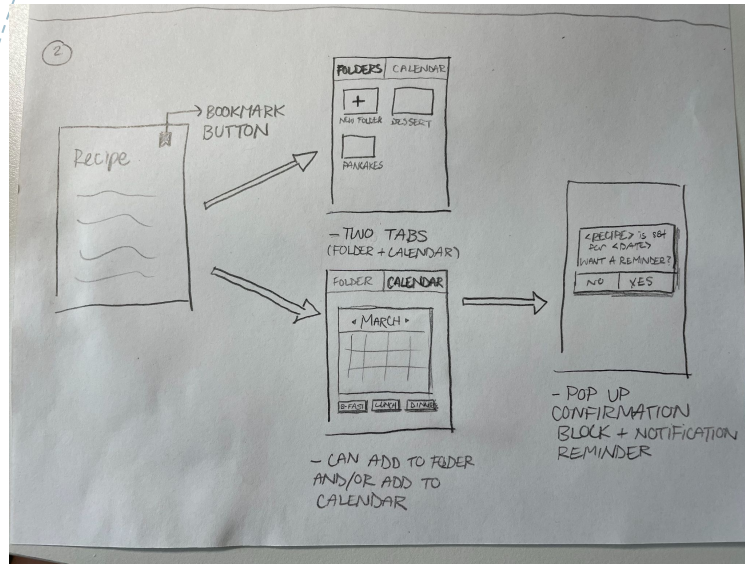
How might we help users find healthy and innovative meal plans based on their available ingredients while also helping them conveniently schedule their cooking times.



Design Ideas

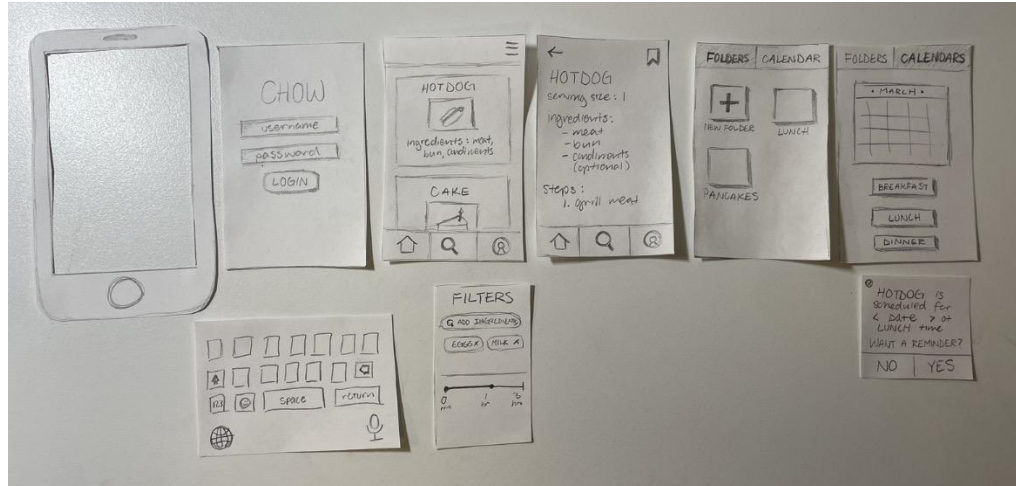
- Built in timer = implementing a timer function (particularly one that disappears after a certain amount of time in case the user can't touch the screen)
- Calendar function = user can add to a specific day on the calendar to make in the future and will receive a notification if they have to prepare beforehand (ex. defrosting)
- Ingredient filter = users can filter recipes based on what ingredients they want to cook with

Sketches

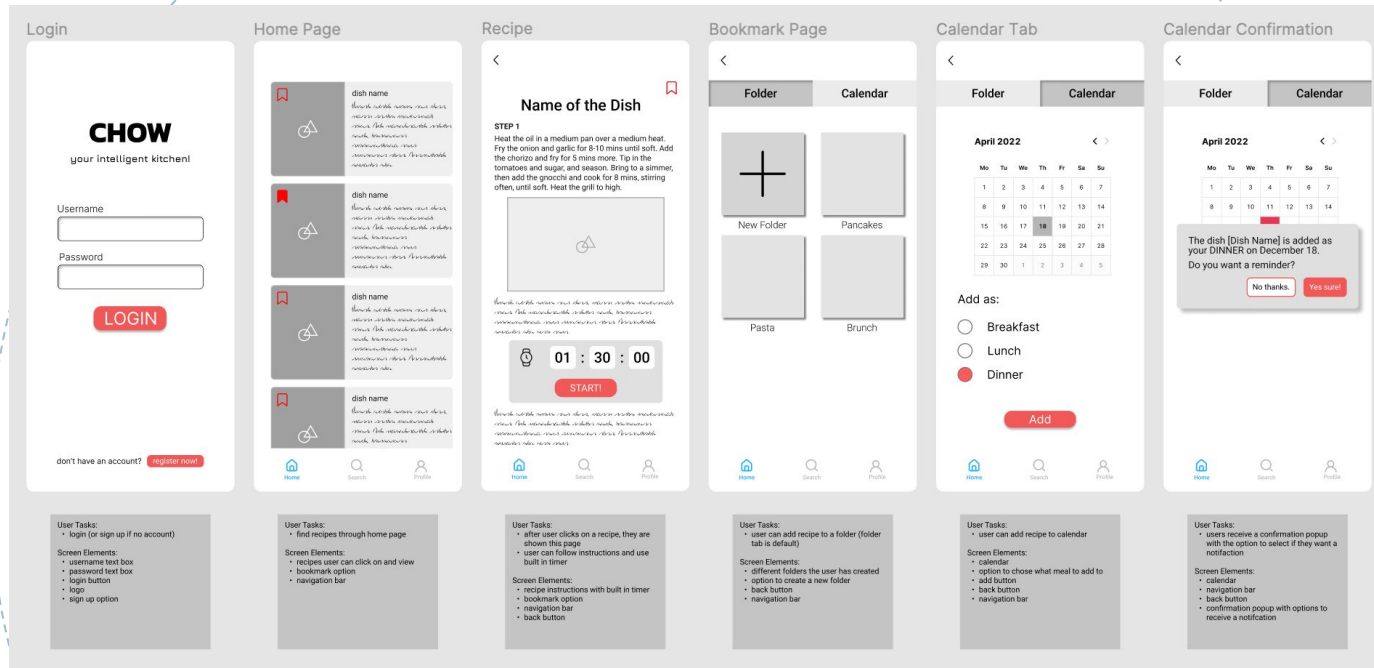


Split up different ideas and sketched our individual components and we were able to emphasize the parts we wanted to highlight through buttons and tabs of different colors

Storyboard

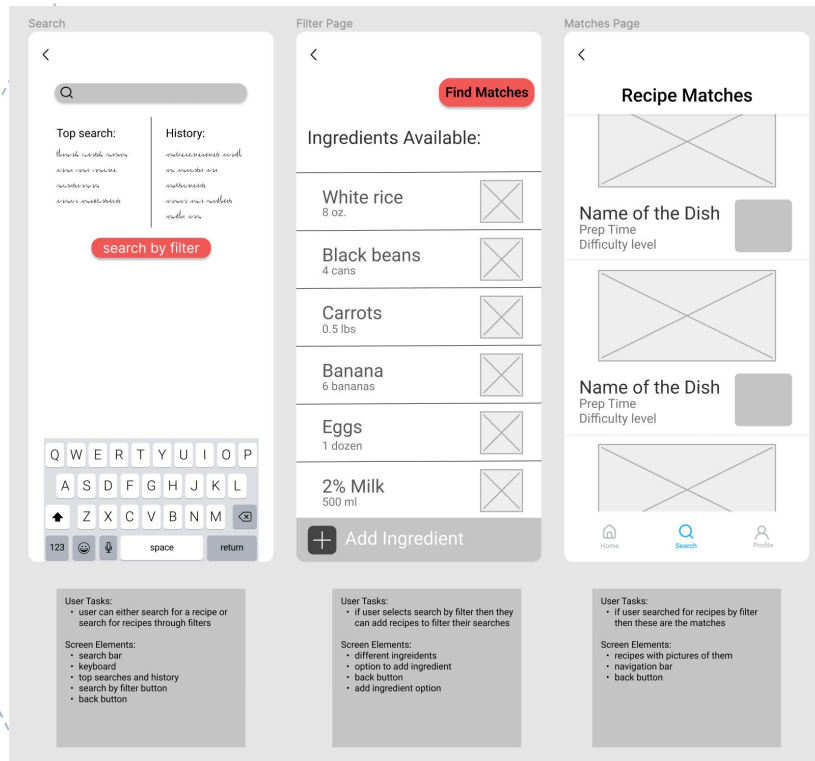


We wanted to include a login screen and treat the layout similar to other social media apps to bring familiarity to the design. We also wanted to include a nav bar for easier navigation.



Wireframe

We focused on the navigation as well as the overall layout that would be most intuitive for our users. We wanted our application to be as efficient as possible to save student's time and used a multi-level navigation system.



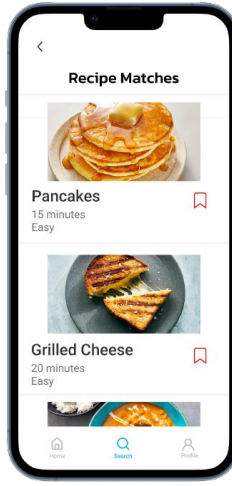
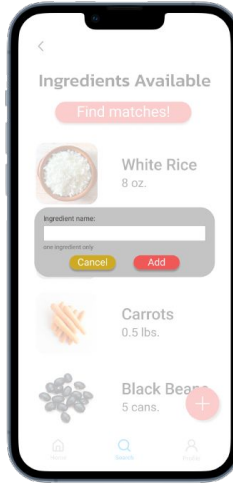
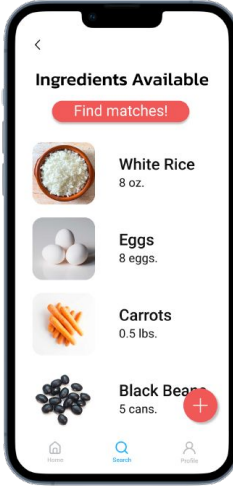
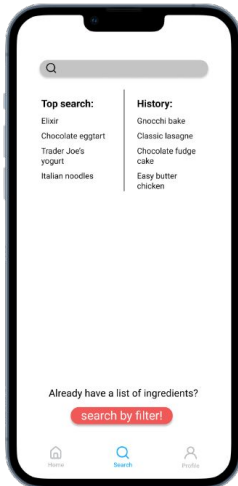
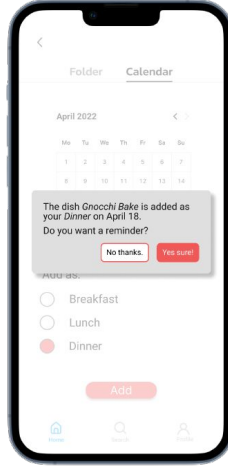
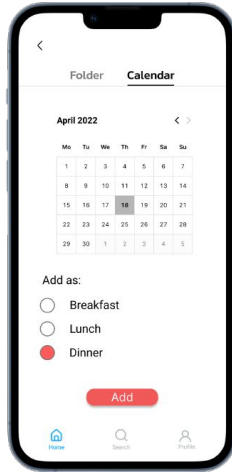
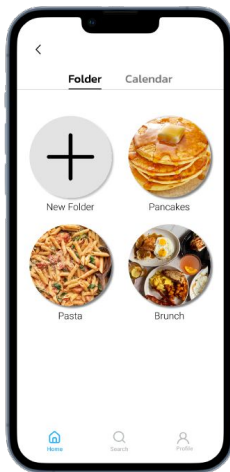
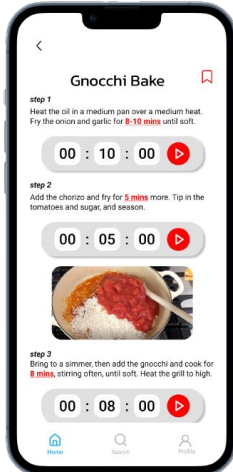
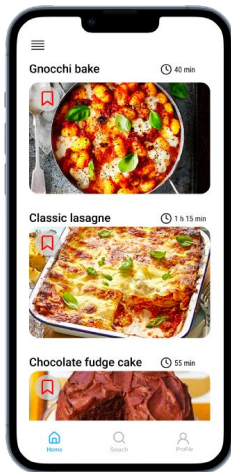
Wireframe contd.

- © We focused on a layout that was easy to use and concise label names.
- © Emphasized color to highlight what we wanted the user to interact with

Final Mock-Up

- ◎ From wireframe:
 - Added pop up screens for other elements
 - Ability to scroll
 - Added new screens regarding profile page
 - Changed some buttons and tabs to be easier to see and use
- ◎ Consistent buttons, colors, font, and navigation bar

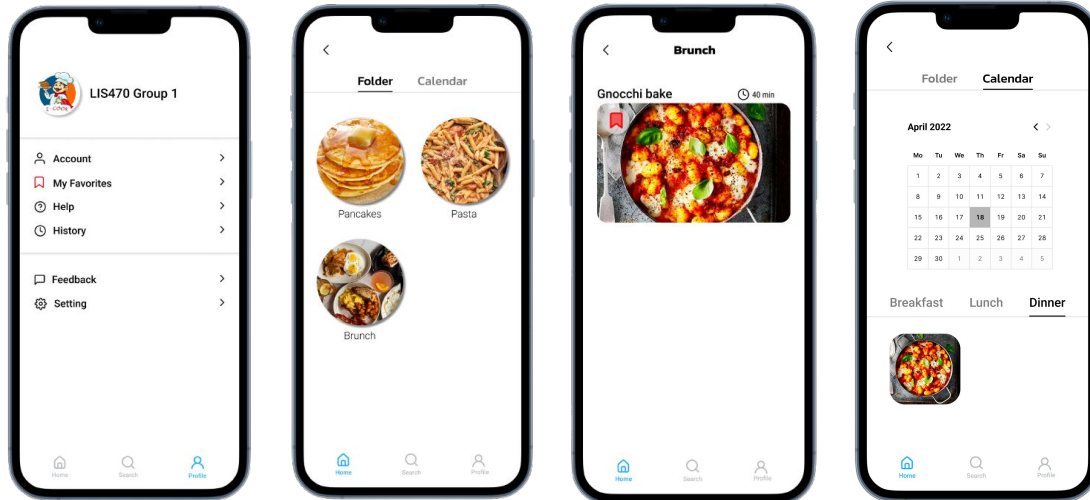




Other Screens

◎ Profile Page

- ◎ Can view recipes you added to either a folder or calendar (under “My Favorites”)





Next Steps

- ◎ Implement countdown when timer is started
- ◎ Give option to change ingredients available
- ◎ Improve navigation