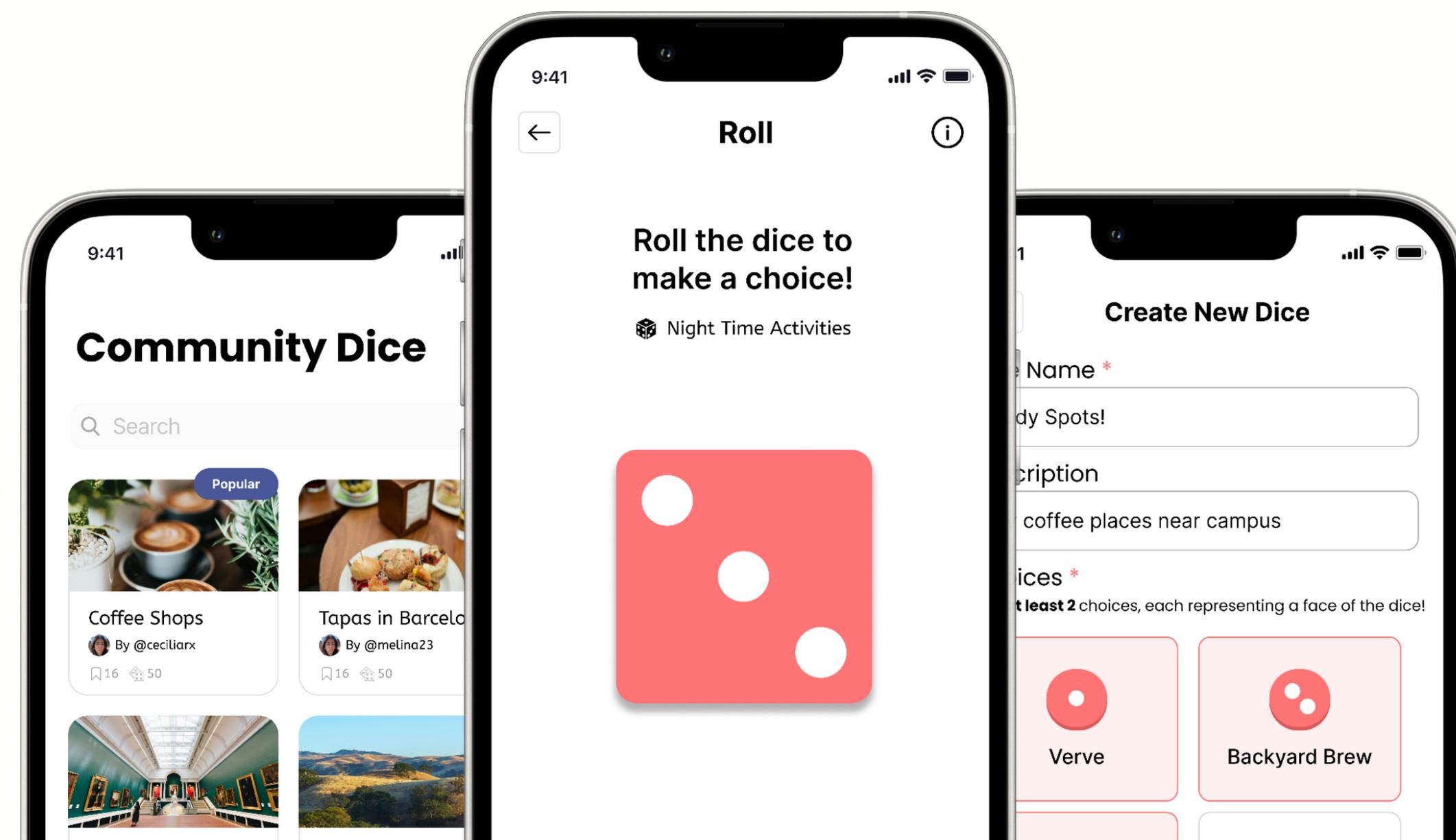


# turno

Get rolling on making daily decisions



# our team



**Caleb Liu**  
Mobile Developer

**Backend Boss**



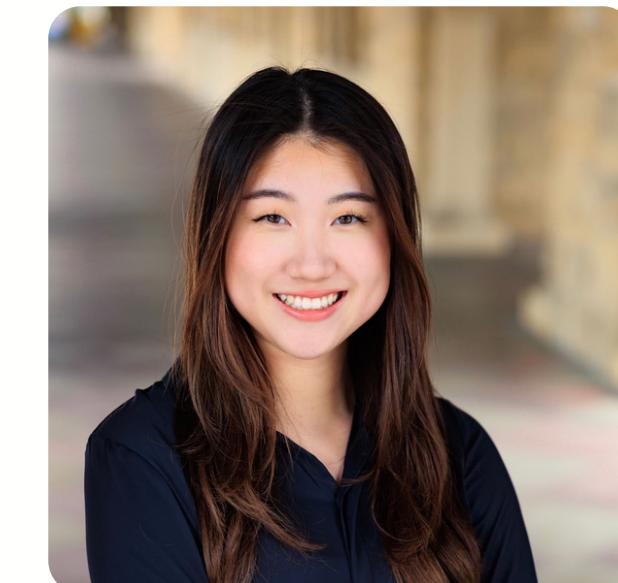
**Malina Calarco**  
Web + Mobile Developer  
Member of Fall 2023 Team

**Frontend Guru**



**Abbie Maemoto**  
Product Manager  
UI/UX Designer

**Rapid Ideator**



**Karina Li**  
UI/UX Designer  
Mobile Developer

**Design Visionary**

# our story

?



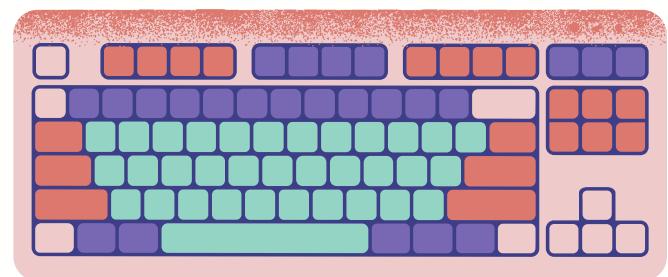
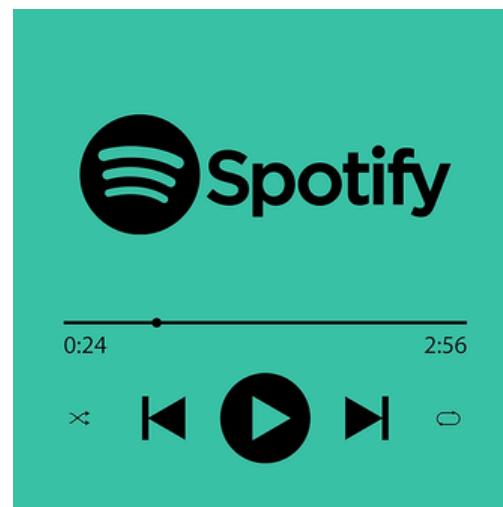
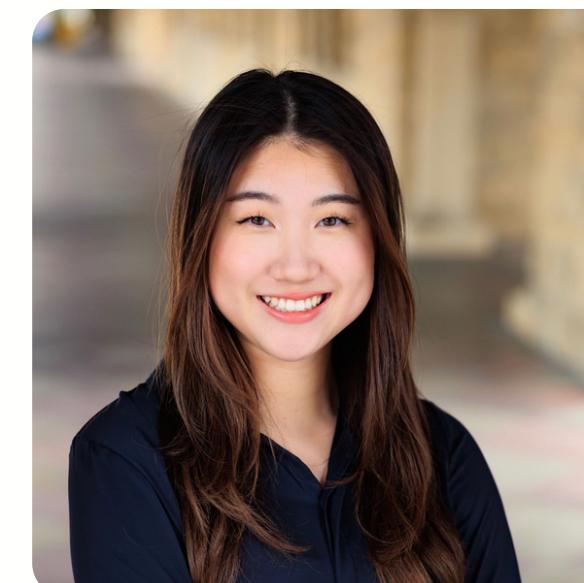
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?



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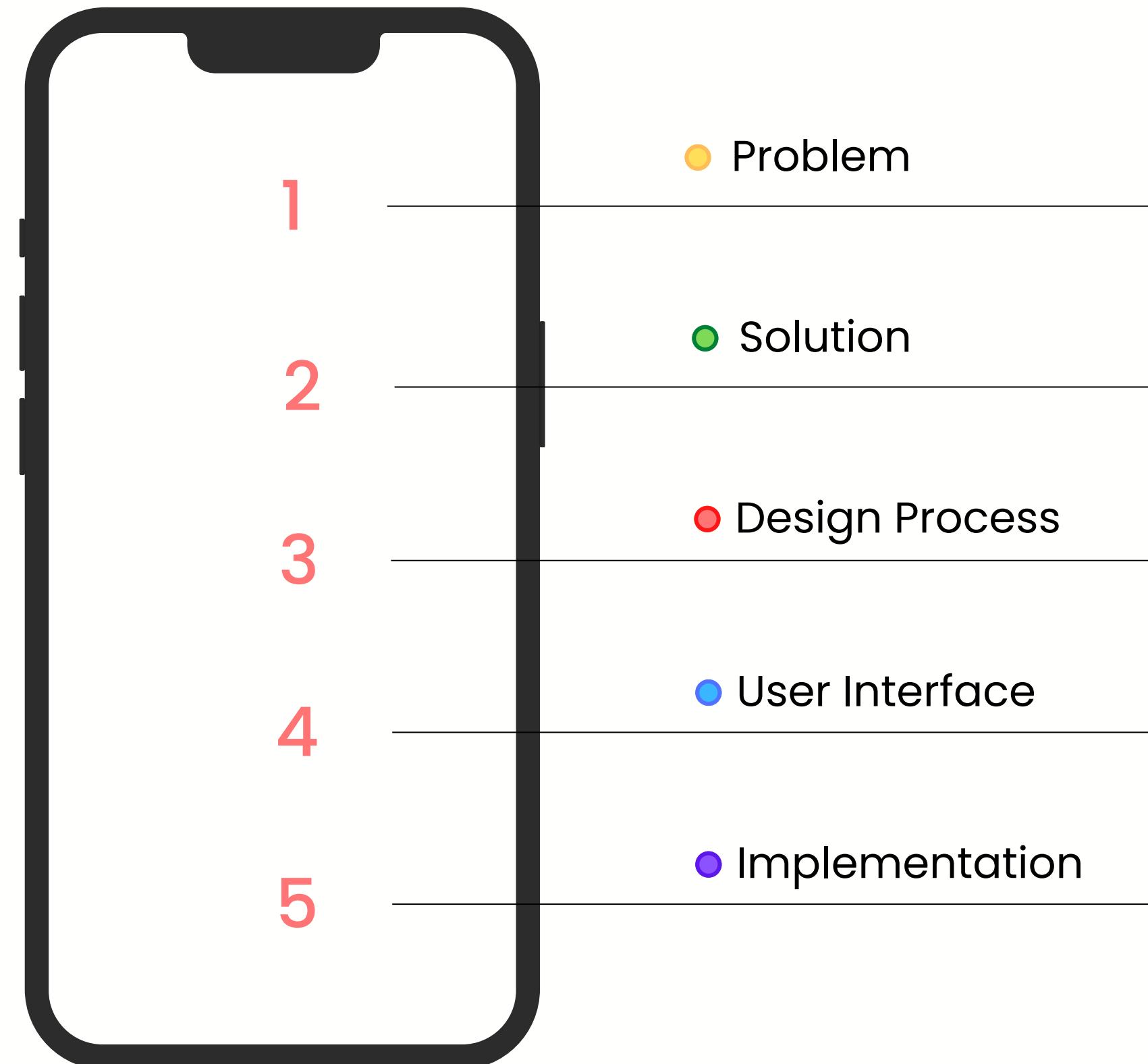
# our story

despite our many strengths & accolades...

**we all struggle with making  
everyday decisions!**

Turno

# Agenda



# Problem

Our world is **saturated with choices**, from what to eat to what to watch, wear, or buy, leading to **endless debates, indecisiveness, and precious time lost.**

## Existing Solutions

Decision Mentor



✗ complex, lengthy UX

Tiny Decision Maker



✗ unintuitive UI

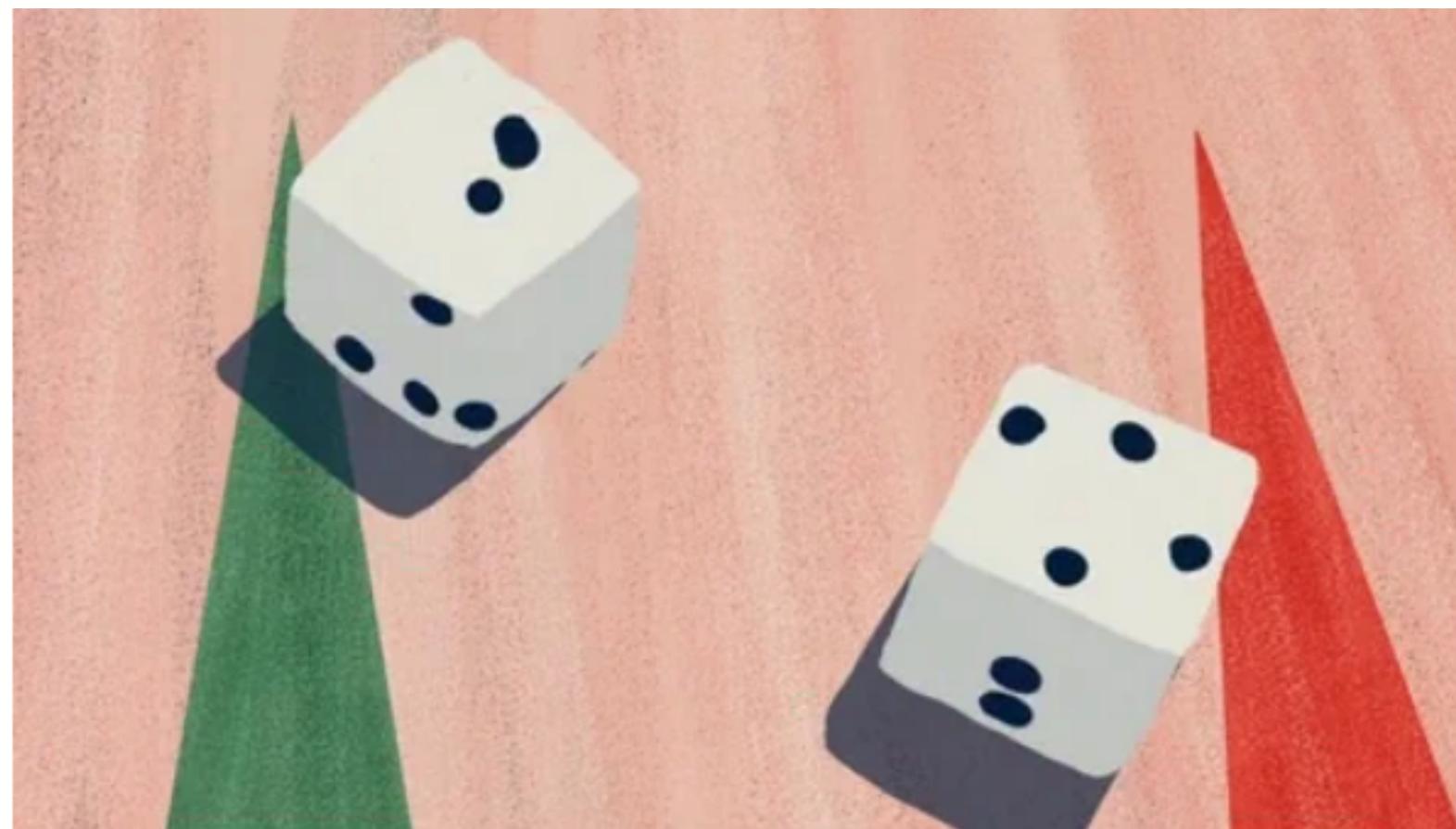
Protagonist



✗ too professional

# Value Proposition

**Get rolling on making daily decisions**



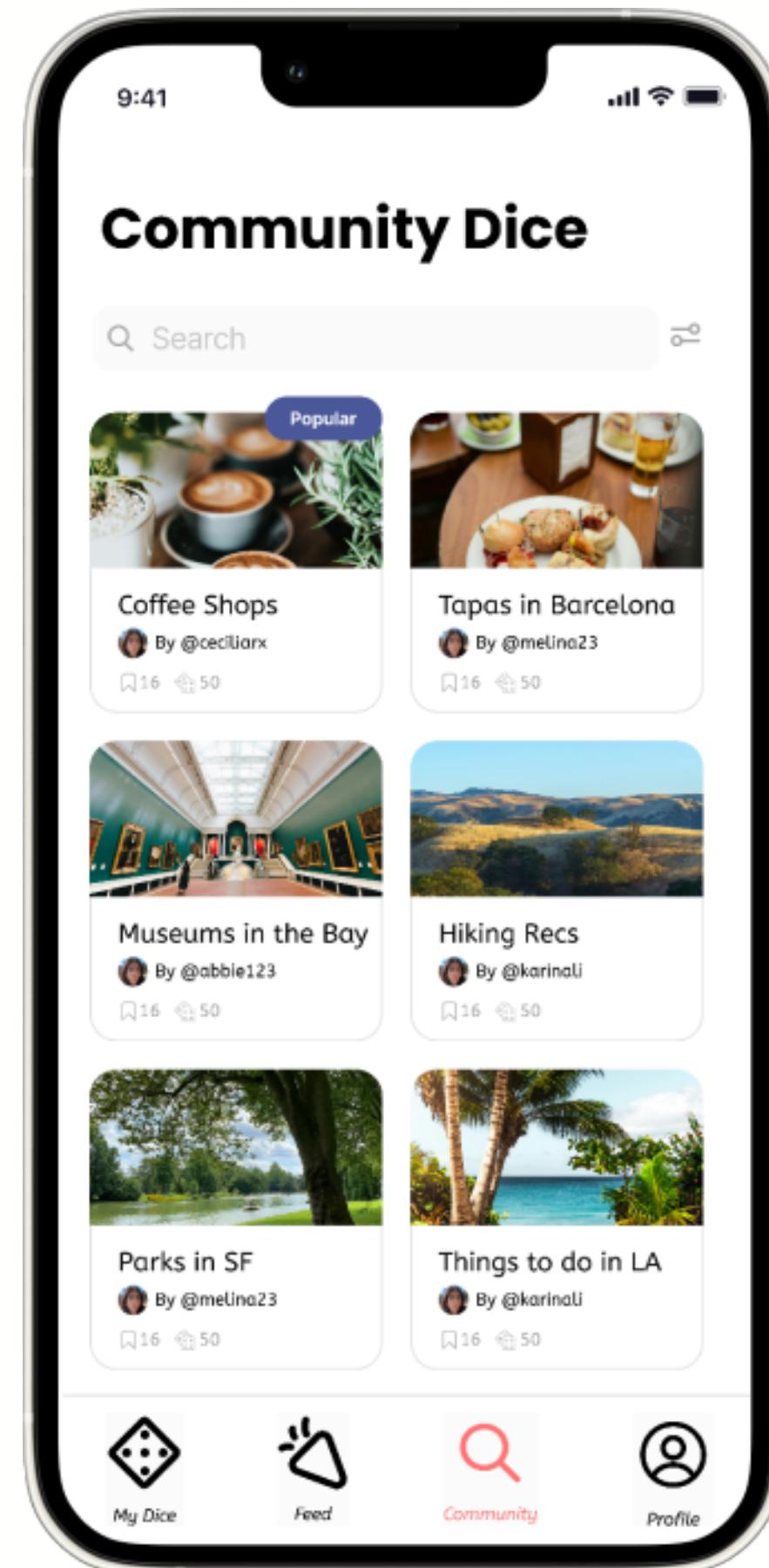
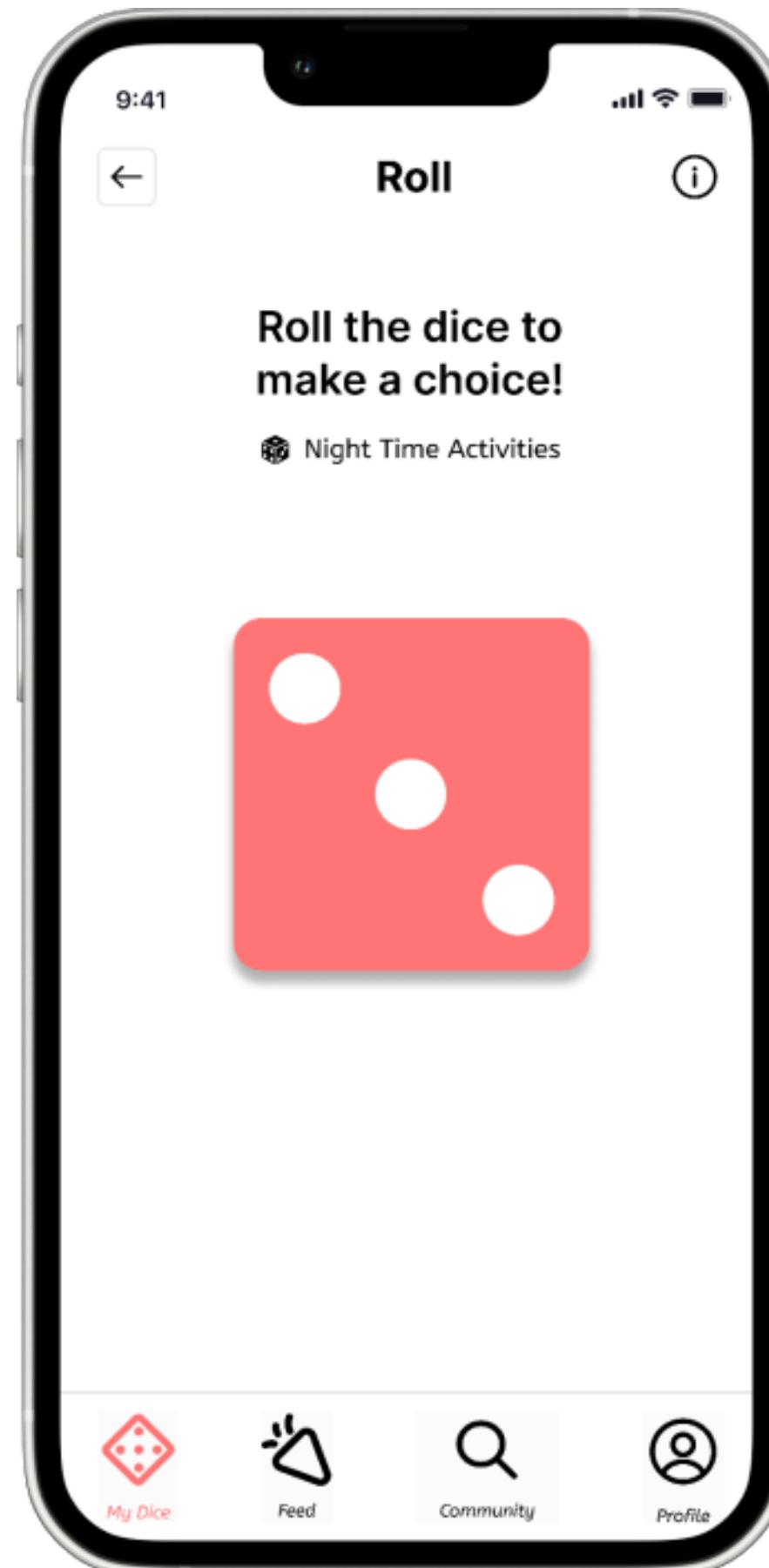
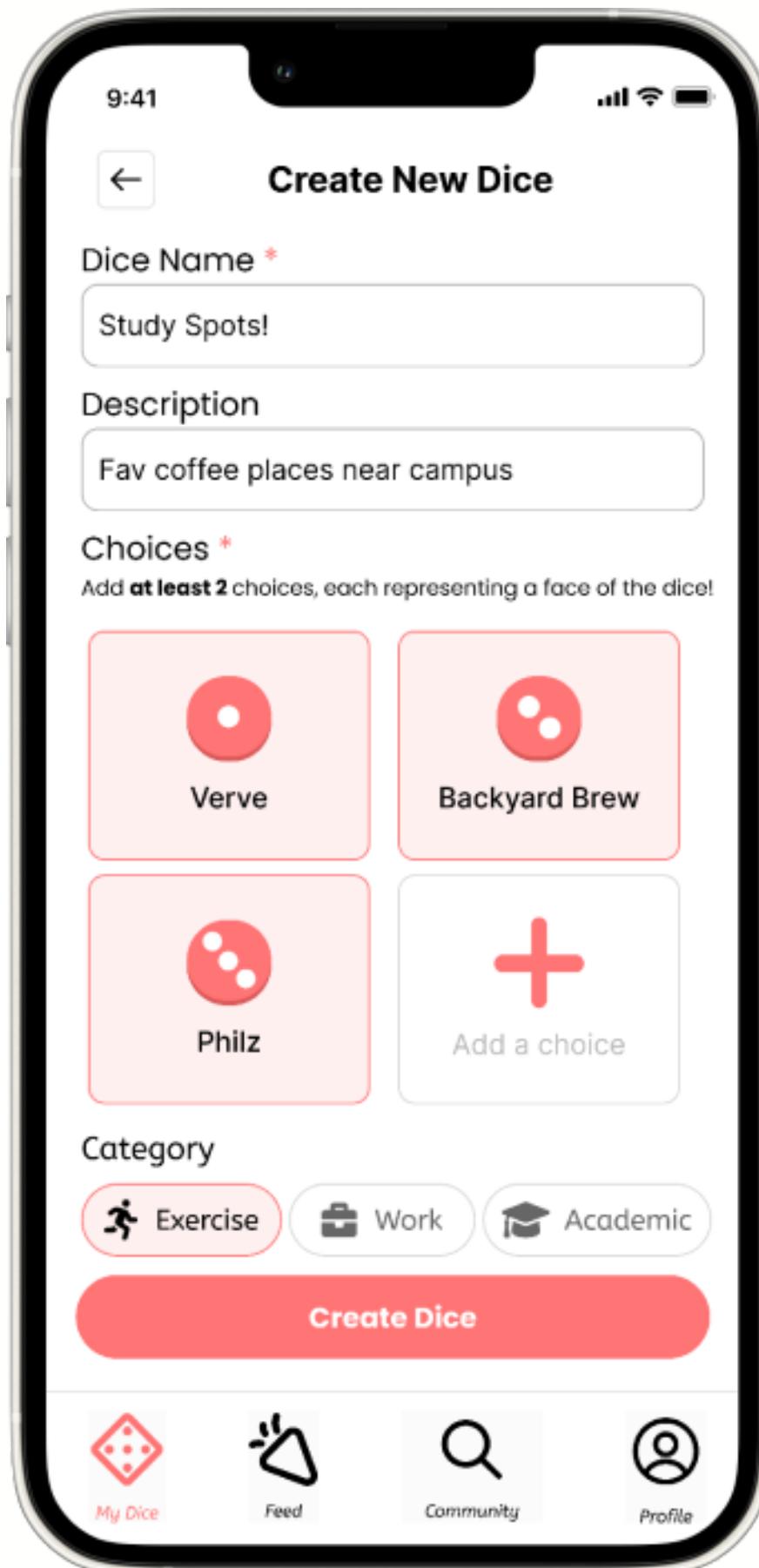
## Our Solution

Turno is an app designed to **simplify choice-making** to help individuals transform the chore of choosing into a fun and quick activity, freeing up time and mental energy.

The name comes from the Portuguese word for *shift* and the idea of it being your turn to roll the die and take agency over your time

## ● Solution

10



# Demo Video

Edited by Malina, Original soundtrack by Caleb



# Needfinding



Jack, 21



Claudia, 55



Nadia, 21



Yas, 17



Arjun, 34

"I got tired of apps that measure everything... I just want to **make a choice** & move around" -Claudia

# Needfinding

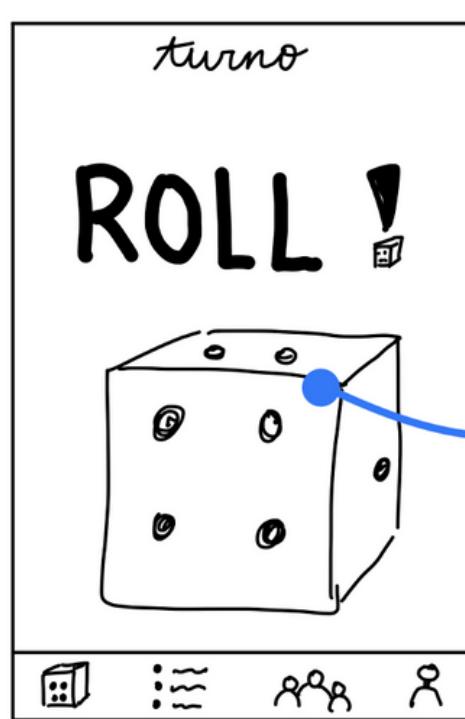
- **How might we** craft a playful experience that relieves Claudia's indecisive and impatient nature?

# Initial Solution

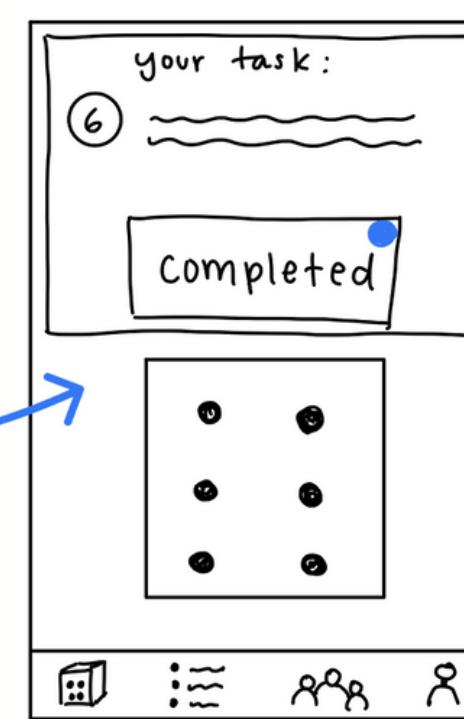
- A **dice** to help make decisions for you (e.g. what activity should I do?)



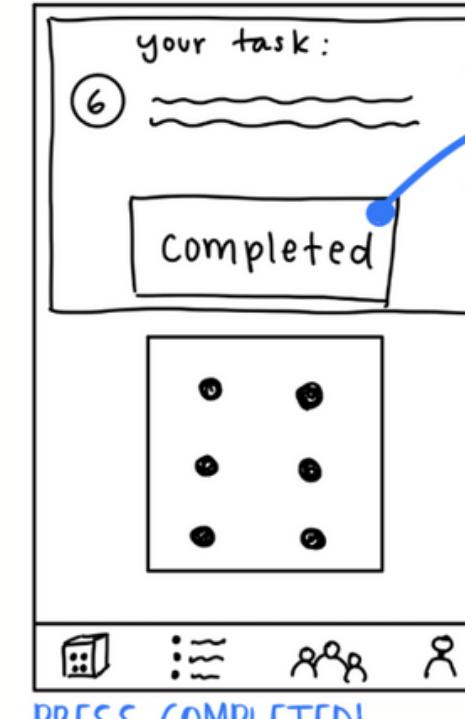
# Low-Fi Prototype



HOME SCREEN, THE DIE IS A FIRST READ AND DIRECTIONS ARE CLEAR.



AFTER ROLLING, WE HAVE A POP-UP THAT EMPHASIZES TASK RECEIVED AND ENCOURAGES COMPLETION.



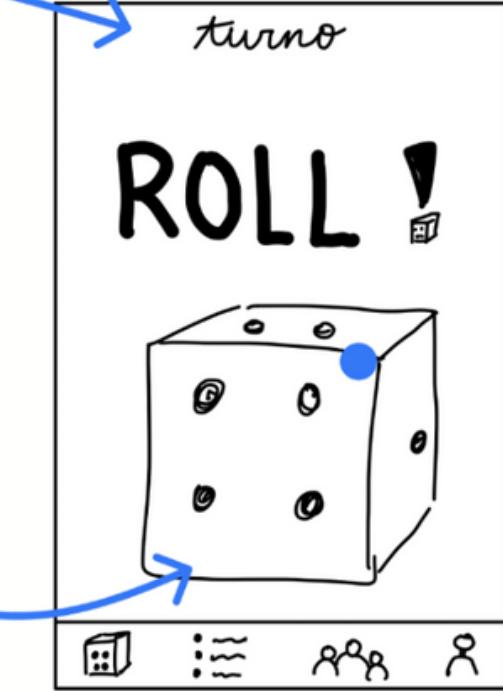
PRESS COMPLETED!



COMPLETION LEADS YOU TO YOUR SHARE PAGE THAT FOCUSES ON MOTIVATING YOU THROUGH STREAKS AND OTHER INFO.



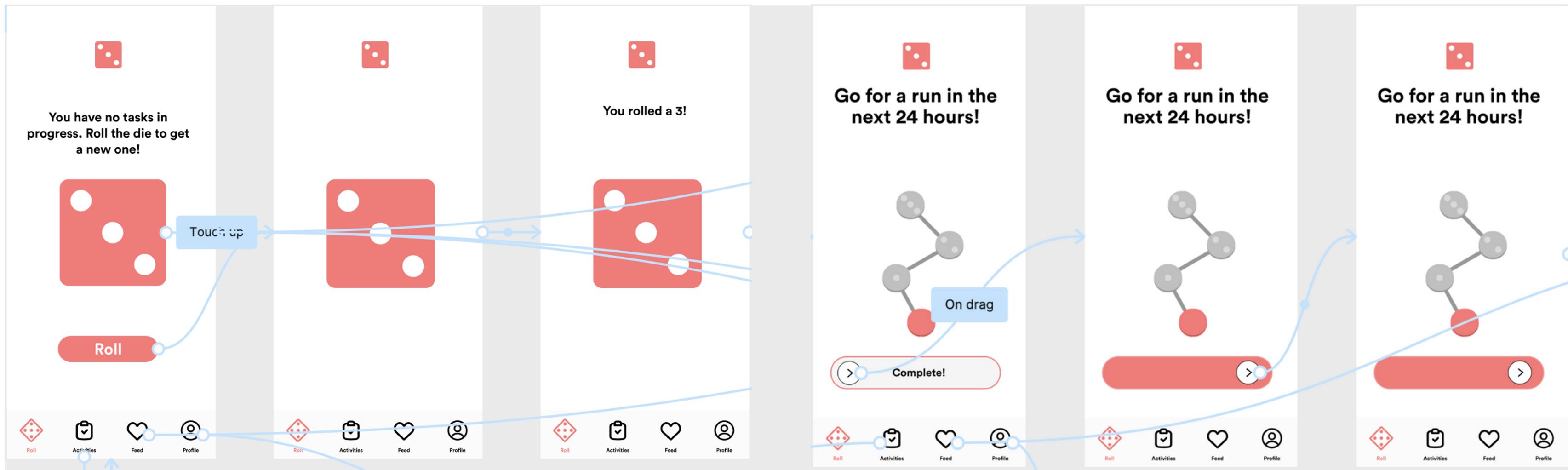
SENDING DM'S ARE EASY AND INTUITIVE



AFTER SENDING A DM, YOU RETURN HOME!

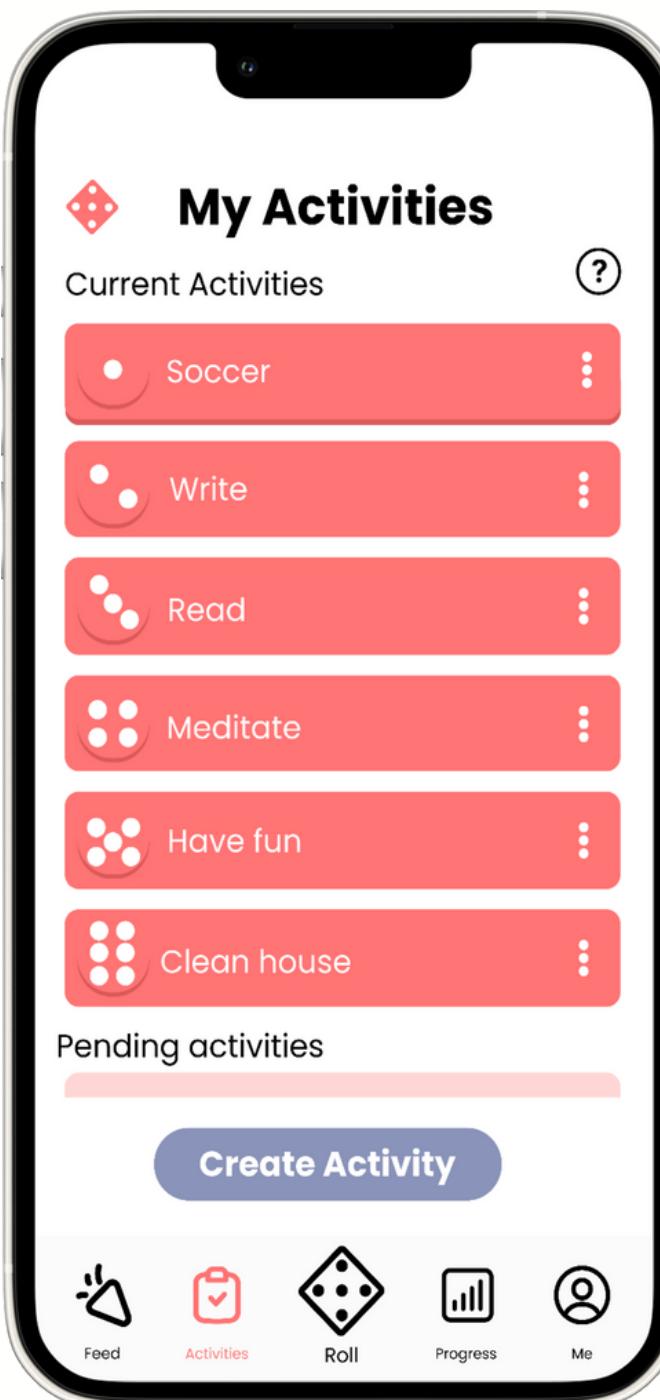
IF YOU DON'T WANT TO SHARE, YOU CAN GO BACK TO YOUR HOME SCREEN AFTER COMPLETING A TASK

# Med-Fi Prototype

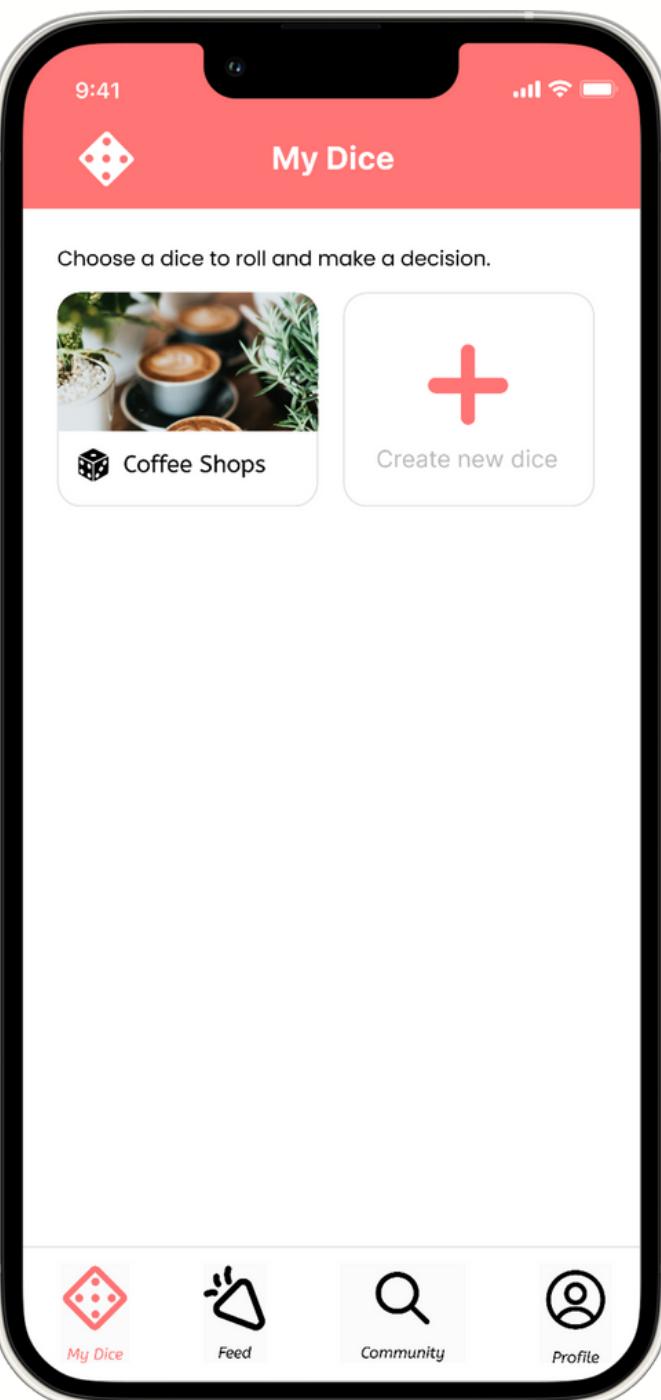


# High-Fi Prototype

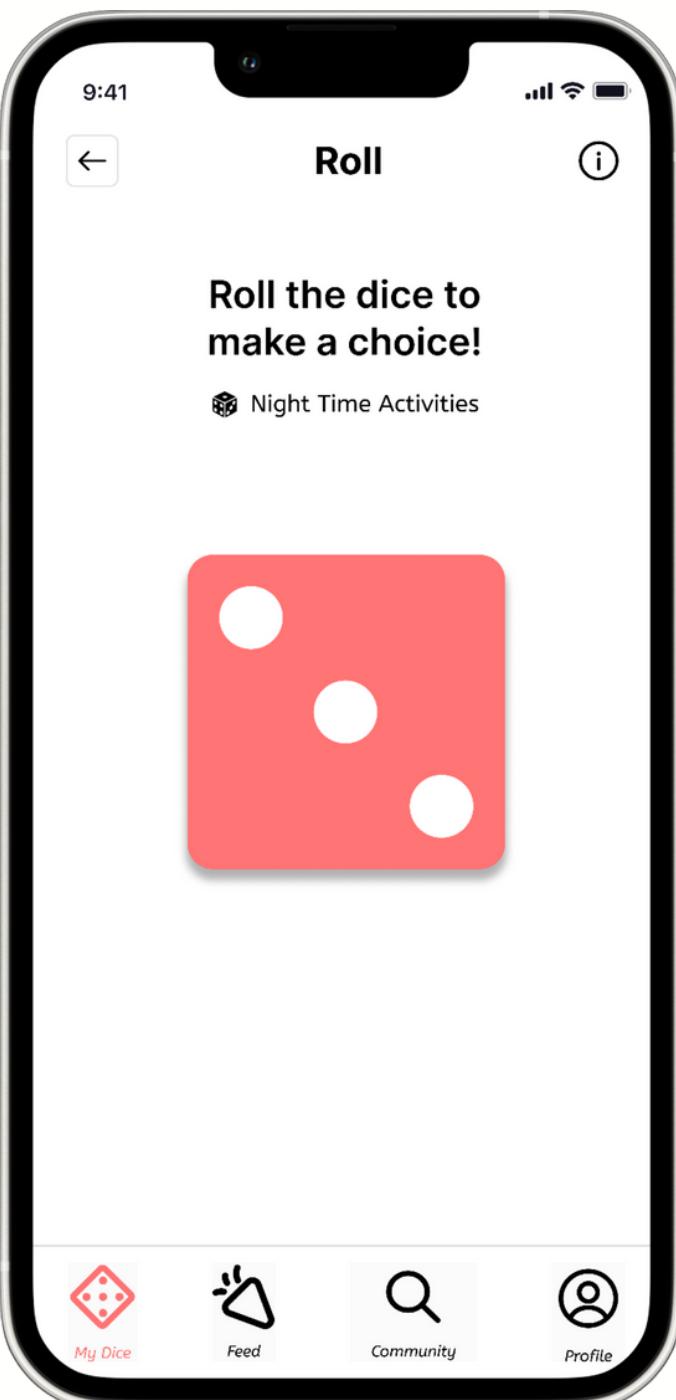
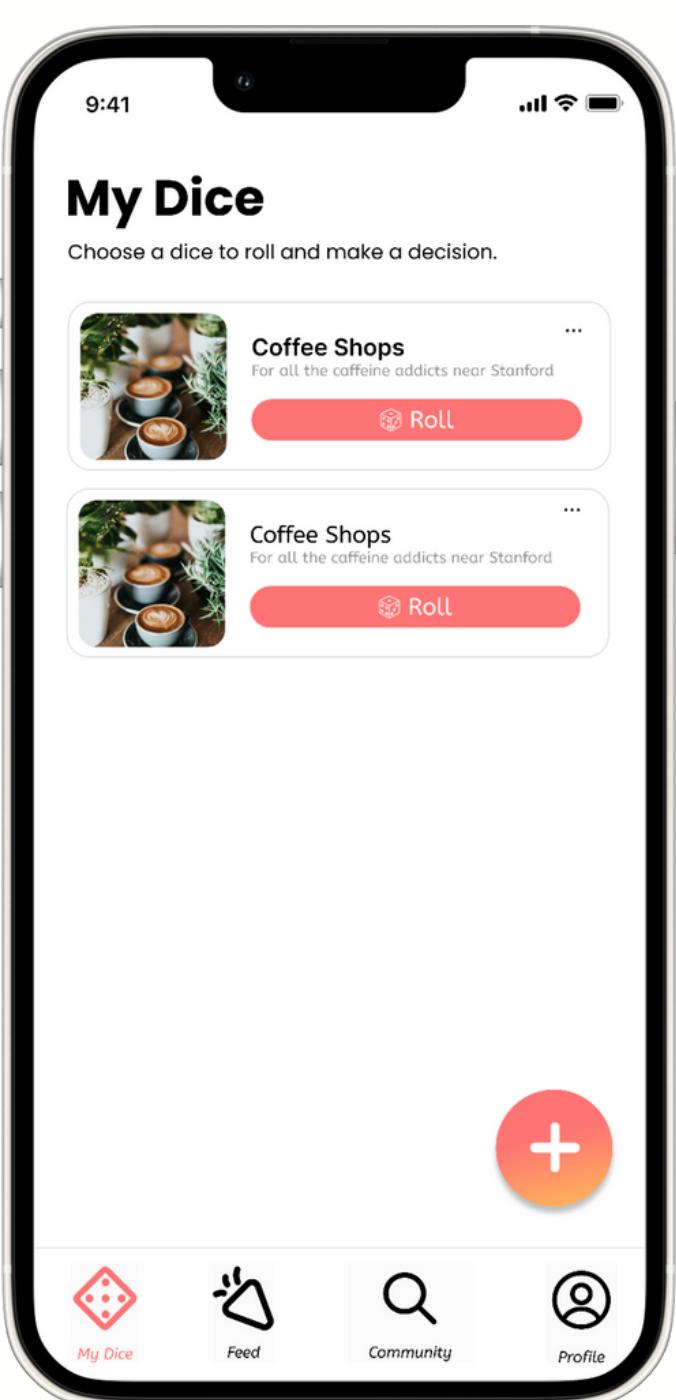
V1



V2



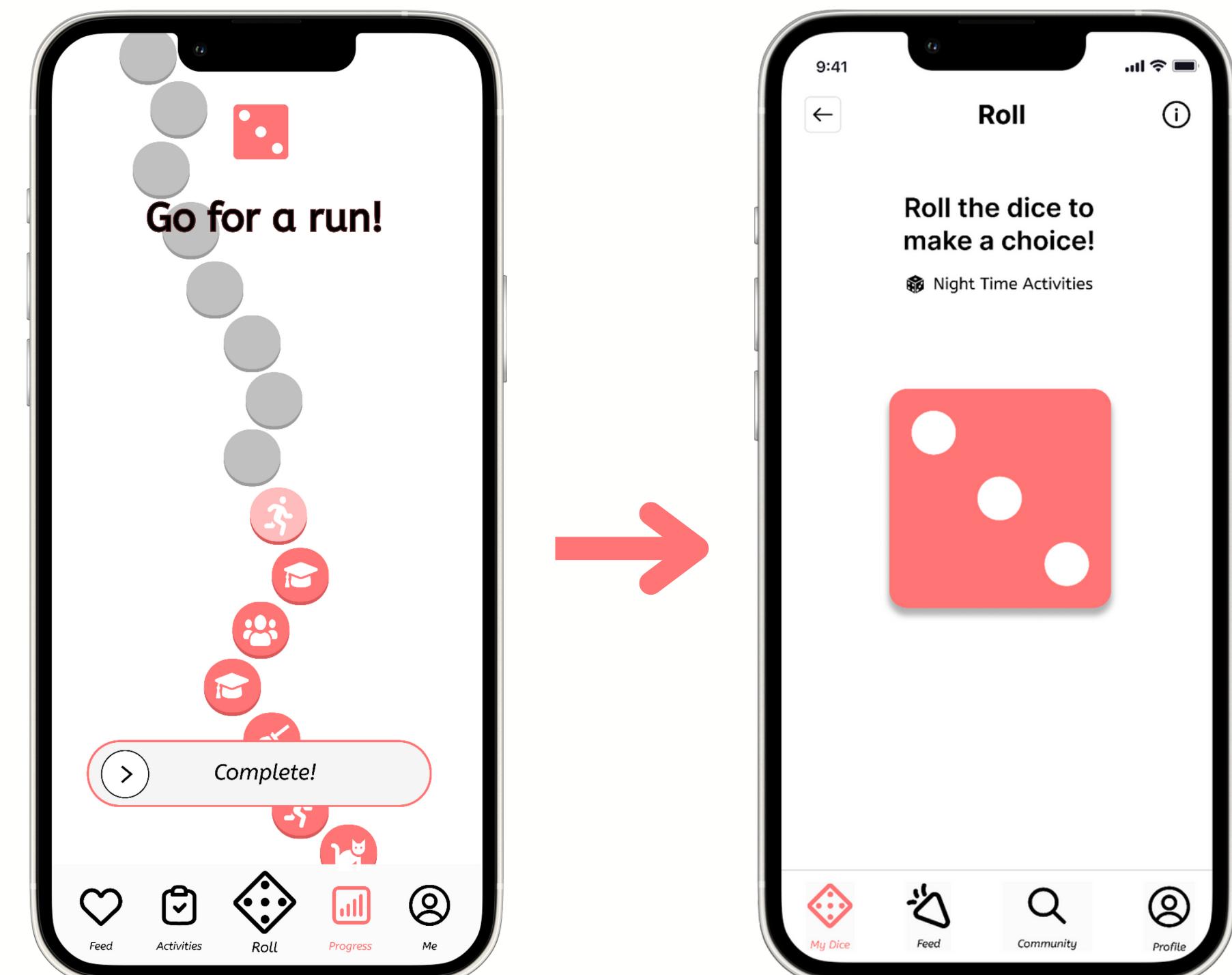
V3



# Concept Changes

Before: long term habit-building

After: overcoming **decision  
paralysis** through **daily decisions**



# Concept Changes

Before: one dice

After: **multiple dice** with custom options based on a selected theme

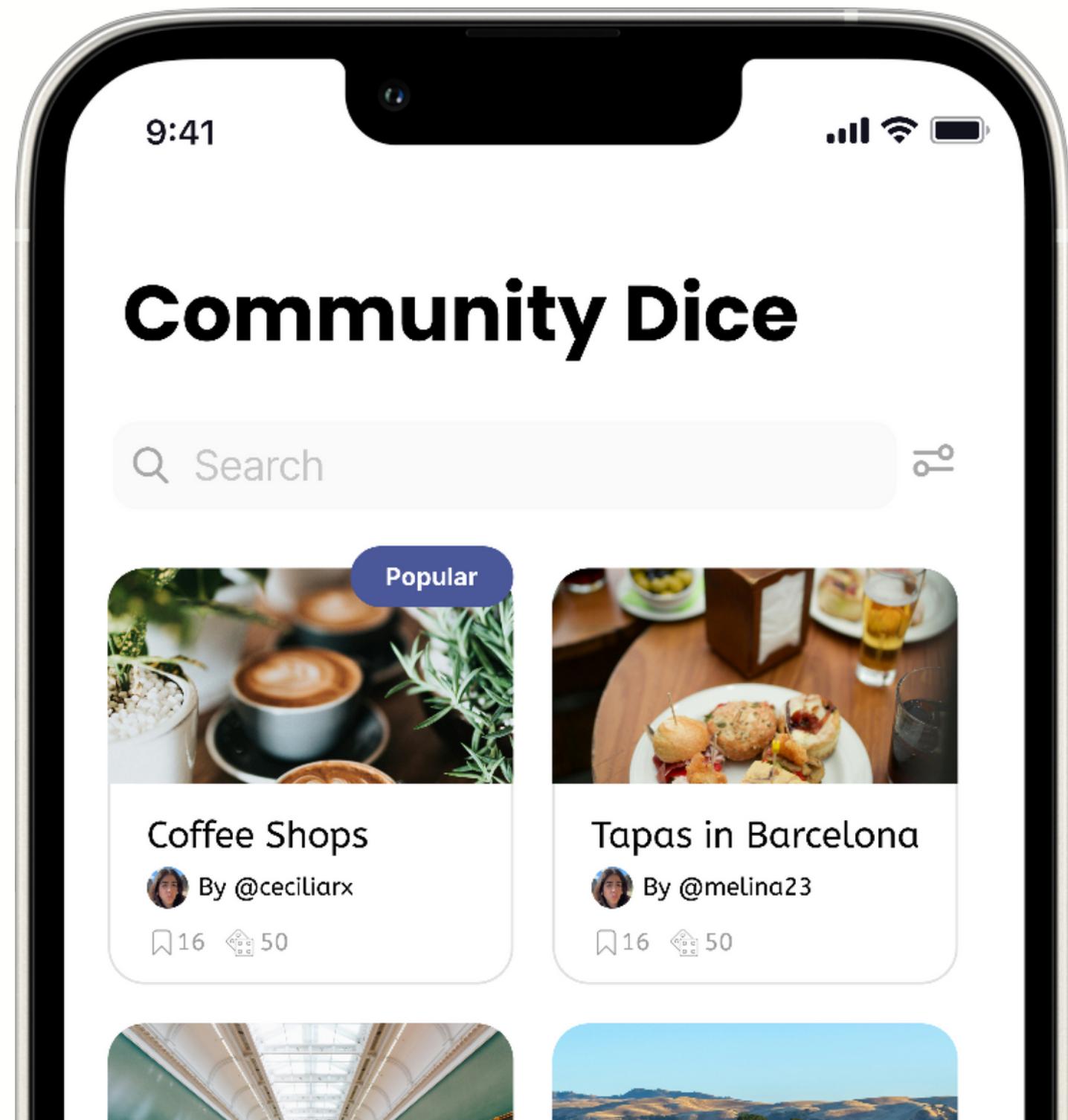


# Concept Changes

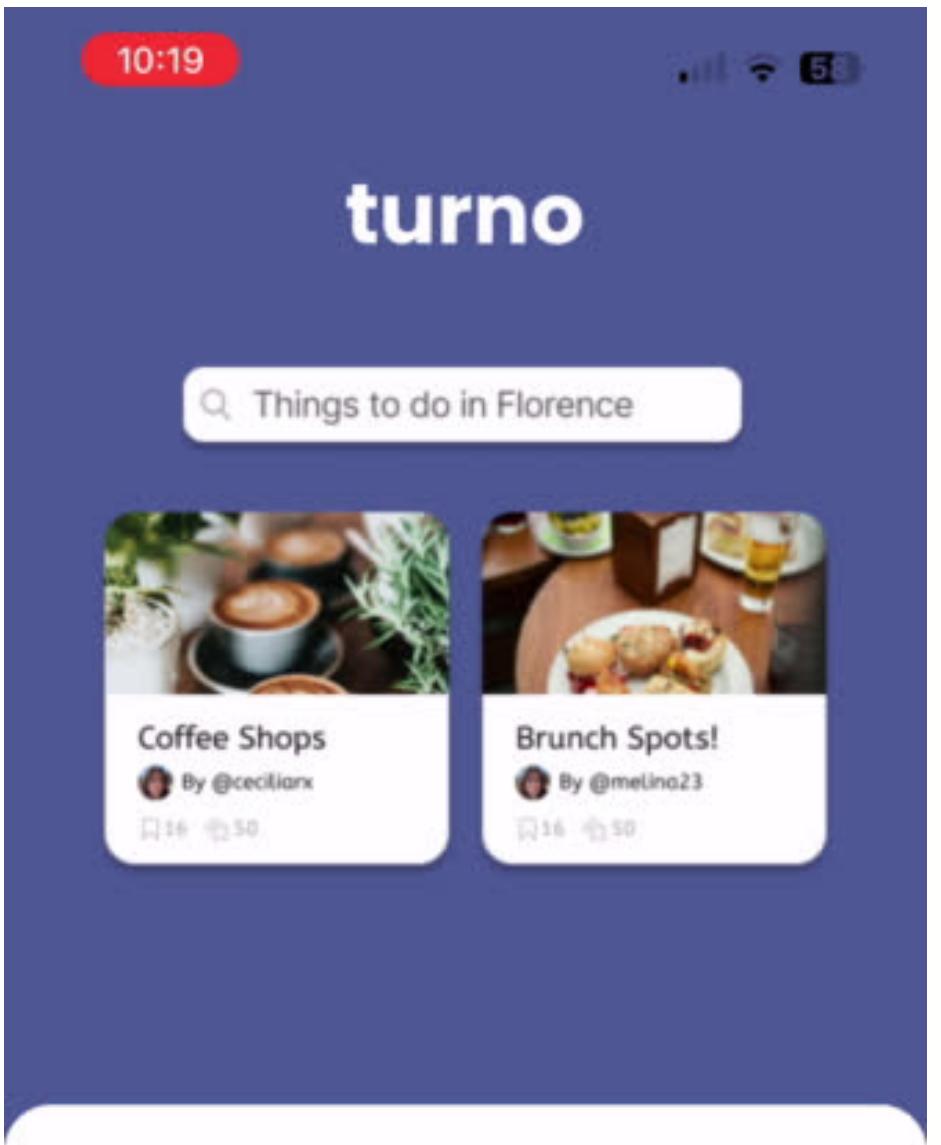
Before: limited community

After: dice can be **shared and rolled by others**

- Acts as a recommendation engine



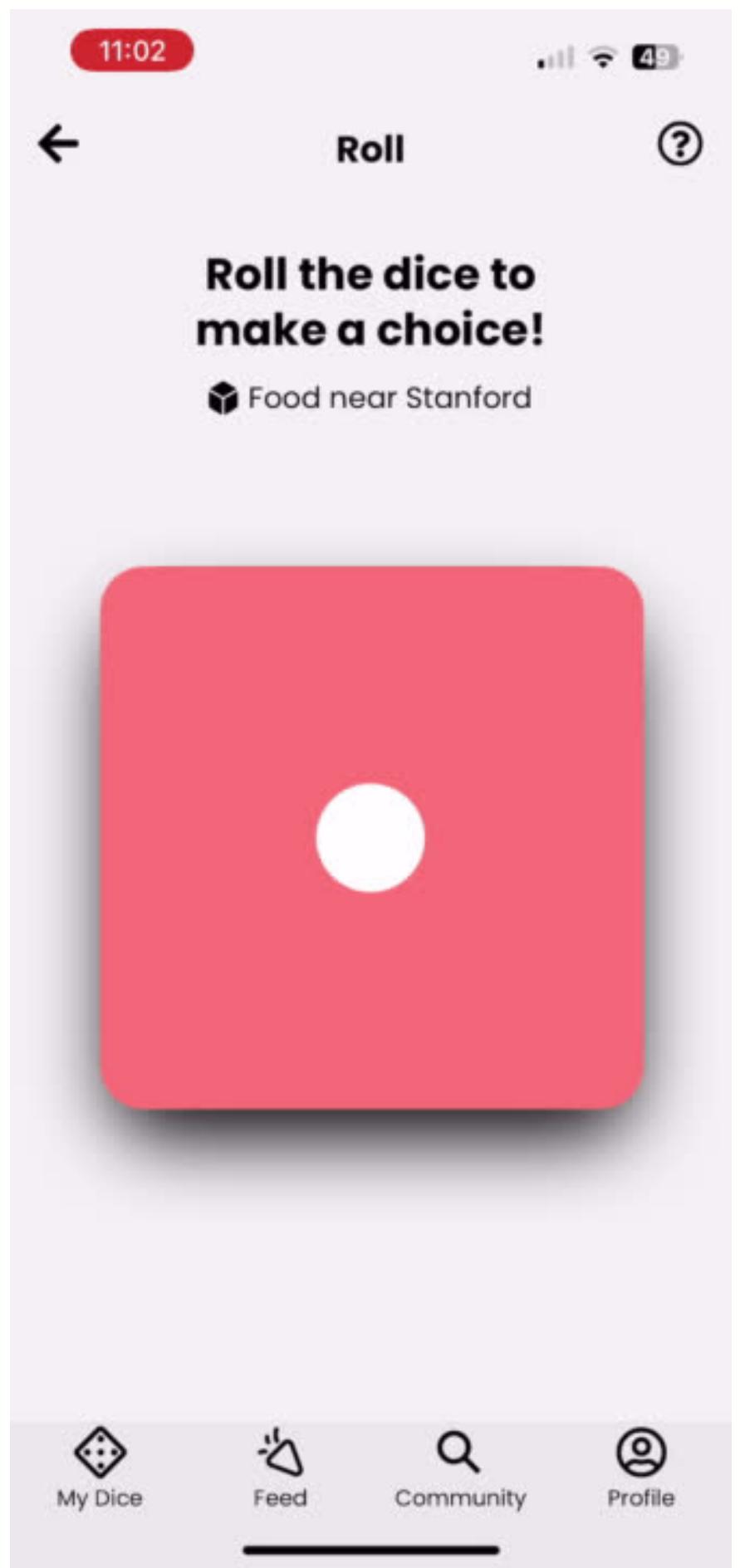
**Task 0:** Onboard onto turno



**Explore community discoveries to find new things to do**

- Discover a wide range of activities in your area and see what's popular around you.

- **Task 1:** Roll a dice and complete a task



**Task 2:** Create a new dice and post it to the community.



### Create New Dice

Dice Name \*

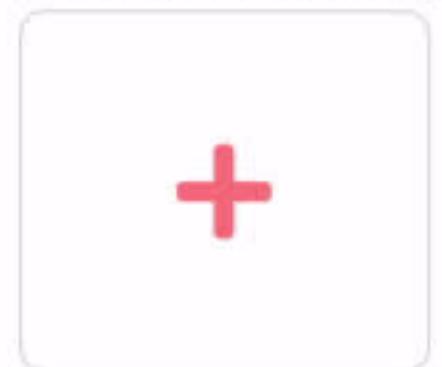
Favori

Description

Description

Choices \*

Add up to 6 choices, each representing a face of the dice!



Category \*

"Favor"

Favorite

q w e r t y u o p

a s d f g h j k l

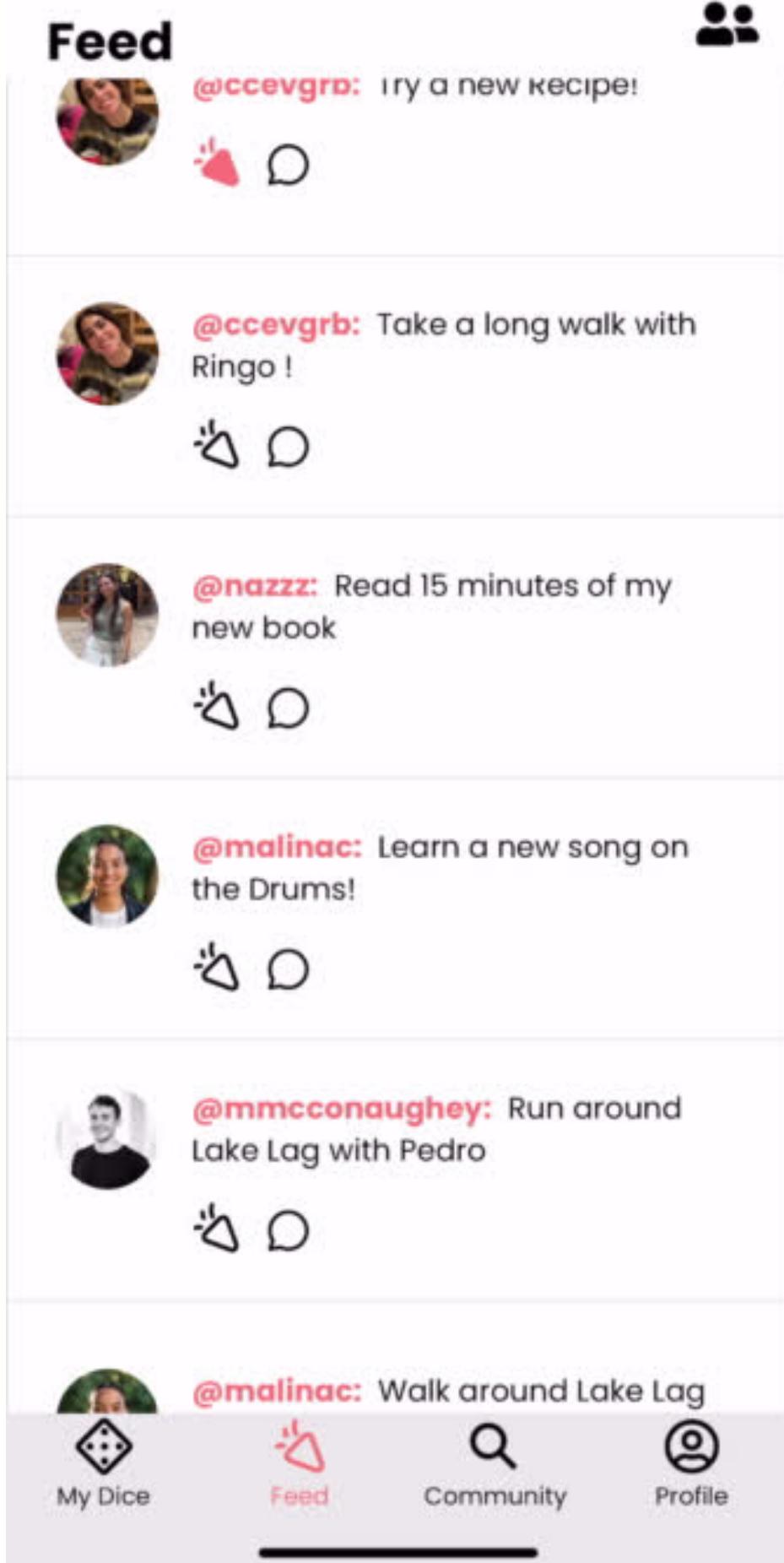
z x c v b n m

123

space

return



 **Task 3:** Interact with user posts.

The screenshot shows a mobile application's feed interface. At the top, it says "Feed". Below that, there are five horizontal cards, each representing a user post. Each card includes a profile picture, the user's handle in red text, and a description. To the right of each description are two interactive icons: a speaker icon with a volume dial and a speech bubble icon.

- @ccevgrb:** Try a new recipe!
- @ccevgrb:** Take a long walk with Ringo!
- @nazzz:** Read 15 minutes of my new book
- @malinac:** Learn a new song on the Drums!
- @mmcconaughey:** Run around Lake Lag with Pedro

At the bottom of the screen, there is a navigation bar with four items: "My Dice" (dice icon), "Feed" (red heart icon), "Community" (magnifying glass icon), and "Profile" (person icon). The "Feed" item is highlighted with a red background.

 **Task 4:** Browse through community dice & add to my dice.

## My Dice

Choose a dice to roll and make a decision.



STANFORD UNIVERSITY

Roll



Favorite Coffee Shops

Palo Alto

Roll



Study spots

On Stanford's campus

Roll



Study spots

On Stanford's campus

Roll



Where should I eat?  
(Stanford dining halls)



My Dice



Feed

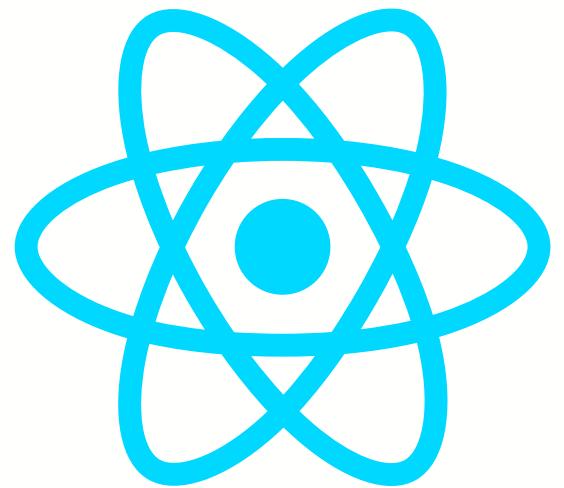


Community



Profile

# Tools Used



**React Native**  
Development



**Firebase**  
Authentication &  
Media Storage



**Supabase**  
Database



**Expo**  
Dev Playground



**Figma**  
Design

# Future Work

Social + More Customization

## Unimplemented Features

- Filtering and searching through community dice
- Adding friends / friend's profile pages
- Posts are not clickable/expandable

## Wizard of Oz + Hardcoded

- User's social feed + friends are hardcoded
- Cannot search and find friends
- Some stats are hardcoded.

## Action Items

- Customization
  - Dice filtering
  - Recommendations
- Social
  - Friend profile
  - Adding friends
  - Post details
- Backend speed



# turno

Get rolling on making daily decisions

[http://hci.stanford.edu/courses/cs194h/  
2024/wi/projects/turno/](http://hci.stanford.edu/courses/cs194h/2024/wi/projects/turno/)

