



## README file

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**access our hi-fi prototype on expo go:**



## What is **Turno**?

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. Our world is saturated with choices from what to watch, wear, eat, or buy. Designed for on-the-go users, Turno aims to transform your daily decisions into a fun and interactive journey. Our user research revealed a common challenge: decision paralysis where people are overwhelmed by endless choices or struggling with time management and motivation.

**And that's why we created Turno** – a fun, dice-rolling iOS app that randomly makes a decision for users. Create personalized dice with up to six options. Celebrate your

achievements by sharing your decisions with friends within the app. Interact with community posted dice in your area for restaurant or activity recommendations. Keep a visual diary of your completed activities, chart your progress through statistics, and reflect on your journey. Stay connected and inspired by interacting with your friends' activities. "*Kudos*", comment, and join in on the fun as you and your friends motivate each other towards an active lifestyle. Turno isn't just an app; it's your companion in making every day count.

## Installation Instructions for Hi-Fi Prototype

### Access on iPhone or Android

Download the Expo Go app and scan the following QR code at the top of the page.

### Opening the source code

1. Download the code from GitHub
2. Download Expo and node
3. Open in VS Studio or your favorite text editor
4. Run npm install
5. Run npx expo start and open iOS simulator (press i) or scan the QR code.

## Operating Instructions / How to Use the App

When you open the app, you are directed to the "**My Dice**" page where you can see your dice collection! If it is your first time using Turno, you will need to create a new dice (this time we created one for you) by clicking on the *Create new dice* button on the My Dice page. You can also browse through the "**Community**" page to see dice that others in your area have created.

To create a dice:

1. Click on the salmon "+" in the bottom right corner
2. Choose a name for the dice (e.g. Cafes in Palo Alto) – keep it short!

3. Write a description (optional) (e.g. For the best morning coffees and study spots)
4. Add a "Choice" to the dice. Each choice will represent a face of the dice. (e.g. Verve)
5. Choose a category (e.g. Food & Drink)
6. Upload a dice banner – any relevant image!
7. Click on "Create Dice"

You should have at *least two* choices, populating two sides of the dice before rolling, but you should **always try to keep it at six** – *dream big!*

**Now, you're all set!** Click on the dice you created on the **"My Dice"** page and swipe the dice to roll. You will receive a randomized activity! After completing this activity, you can mark it as complete by swiping the completion bar. From there, you will be asked if you want to add the choice back to the dice (or not, in a toggle) and to either post about your completion, if interested, or indicate that you are done. If you post, your congratulatory completion message will be posted to the **Feed** for your friends where they can interact with your post through *kudos* and comments. This activity post will now also appear on your profile page, as the top-most post!

To view your friends' posts, enter the **"Feed"** page through the button in the navigation bar. Here, you can scroll and interact with friends' posts, through *kudos* and *comments*!

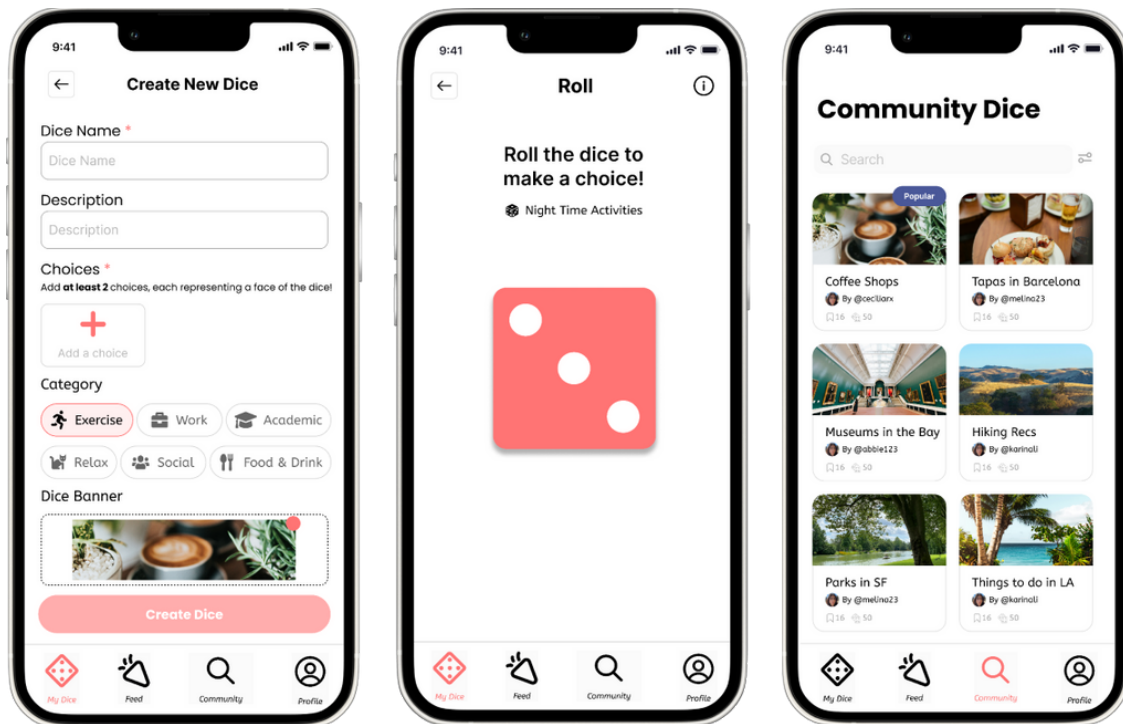
If you would like to browse through the community dice on Turno, navigate to the **"Community"** page on the bottom navigation bar. Here you will find dice recommendations created by others in the Turno community. Each community dice will display the creator of the dice, the number of saves, and number of rolls on the dice. You can filter the dice by category to display more relevant results (e.g. exercise, work, academic, etc.). After selecting a community dice, you must click *Add to My Dice* to add to your personal dice collection and roll it on your own.

On the **"Profile"** page, you have access to an archive of all of your posts (completed activities that you decided to post), and you can also click on your *Friends* button under your username to see your friends on Turno. You can also see your **"Stats"** tab, where you can view metrics such as streaks and usage.

**TLDR:** Create and roll a dice on the **"My Dice"** page, post to **"Feed"** or not, add it back to the dice (make it one of the Choices) again or not, or just complete (by clicking "done". If

you posted, check it out in your profile. On the "**Feed**", interact with your friends' posts, and on the "**Profile**" page, check out your Turno posts and your **Stats**!

Okay, your turn(o) now!



Screens on our app, from left to right: create new dice, roll dice, community page.

## Limitations

Coding Limitations:

The current limitations of our code are the hard-coded aspects as well as some incomplete segments.

- Your Friends' profile pages are also under construction. They are not clickable and you can not see their posts, friends, name, or photo yet.
- The stats page is not embedded with actual user data.
- The blue, animated die on the progress page, still rotates, indicating the incompleteness of an activity, even after the activity was completed.
- Users can't change their names on the settings page.
- Filtering and searching on the community page are not implemented yet.

## Wizard of Oz / Hard-Coded Features

\***Hard coding** refers to the practice of embedding fixed data or values directly into the source code of a program, rather than obtaining those values dynamically or allowing them to be modified through external sources or user inputs. The **Wizard of Oz** technique involves creating an illusion that a system or feature is fully functional and automated, while in reality, it's being operated or simulated by a human or predefined script.

### Feed Is Hard-Coded:

- **Hard-Coded Element:** The posts in the feed are pre-written and do not change based on user interaction or input.
- **Implication:** This demonstrates the layout and design of the feed without the need for a dynamic content management system. It limits the user experience to a static set of posts, showcasing the UI/UX design. Users are still allowed to interact with the post, mimicking how it would actually take place.

### Community Page is Wizard of Oz:

- **the community page is designed to give the impression that it is dynamically recommending new dice to the user based on their locations and preferences.** In reality, the data shown is not derived from the user's actual activity. Instead, it's pre-set by us 😊.
- **Implication:** This serves to demonstrate how the *Community* page would potentially operate and look with real user data. It provides a visual representation of potential functionalities without the need for complex data processing or analytics backend.

## Tools Used

Software/ Design tools:

- We designed our entire app on **Figma** ([link](#)). See our revamped med-fi design.
- We wrote our code in **React-Native** using **Expo**.

- We used **GitHub** and **VS Studio**

Coding tools or tutorials used:

- react-native and javascript general front and back-end (Stanford CS147L)
- YouTube tutorials ([swipe button](#), [reanimated](#), [supabase](#))