



Celebrate connections, one bead at a time.

Kandi README

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Access our Hi-Fi prototype on Expo Go:



PROTOTYPE PURPOSE & USE CASES

Kandi is a social platform that eases users into the festival community by rewarding attendees for capturing festive memories, making new connections, and completing a series of tasks involving festival traditions.

When opening Kandi for the first time, users are prompted to login or create a new account. Users can explore features such as viewing and completing tasks in their task list, searching

for and adding friends, and viewing friends' planned events in their communities tab.

This app has access to a task database, allowing users to complete tasks—which are classified into individual and group tasks—to earn beads that are then added to their personal string. Users can also easily search up friends that they want to add and view the profile of. Once a user has added at least one friend, the community page updates to include events that the user's friends are going to, and they are able to create a group to complete a group task. All user data is saved to a database hosted on Supabase.

PROTOTYPE SETUP & OPERATION

Installation requirements

Our prototype was built using React Native and Expo and is accessible on any mobile device, with IOS platforms preferred. The following instructions are for opening the app on an iPhone:

1. Download the “Expo Go” app from the App Store and launch it once download is complete.
2. Using the Expo Go app or your iPhone camera, scan the QR code provided above.

The app should immediately show the login/registration screen of Kandi.

Operating instructions

Feel free to explore the app as is, with the intended task flows in mind (view and complete individual tasks, add a friend, complete a group task), with all hard-coded or inaccessible features (such as adding upcoming events or viewing the user's groups from the community page) present for aesthetic purposes only. Data gets saved between sessions whenever progress is made on the app, such as adding a friend or completing a task, and in the case of the need to restart the process from the beginning, 3 accounts are provided to login and try again.

1. Register for a new account using your email! Or optionally, click login and enter the email and password as follows. All 3 work and will save any changes (e.g., completing a task) made:

- a. email: cs147@stanford.edu / password: jameslanday
 - b. email: cs147@cs.stanford.edu / password: au2023147
 - c. email: cs@stanford.edu / password: 123123
2. You may now start exploring the application. Note that when completing the add friend task flow, you can search up the keywords “zed” or “galantis” to retrieve users from the database to add (though you can also try different words/letters to see what users are on the app). Additionally, when you click “confirm” after creating a group, please note that it might take a few seconds to load the next screen since the app is uploading the group picture to the database—wait for it to load and do not click the button twice.
 3. To logout, navigate to the home screen and click your profile picture in the upper right-hand corner to log out.

LIMITATIONS IN IMPLEMENTATION

As our main priority was functional task flows, some of this product’s intended features were unable to be implemented due to the project’s time constraints. We listed them below:

- Events tab is not implemented due to the lack of time in integrating an API like ticketmaster discovery
- User is unable to edit or click on profiles (their own or their friends’)
- Viewing previously uploaded media used to complete a task by clicking on a bead has not been implemented
- Tasks do not get reset after a new experience level has been reached (not shown)
- Cannot edit or view a group once it has been created or remove a friend after they have been added

WIZARD OF OZ/HARD-CODED ASPECTS

In order to make our high-fidelity prototype functional in areas that were not able to be completely implemented, we used Wizard of Oz techniques paired with hard-coded aspects to replicate an authentic app experience. They are listed as follows:

- Lack of proper media authentication when uploading content to complete a task, so

all uploaded photos for task completion will be automatically accepted

- A friend request is magically waiting to be accepted
- Friends' events are automatically loaded into the community tab, as we were unable to integrate an API
- Tasks are hard-coded, as generating tasks would require a large database or AI.