



**Celebrate connections, one bead at a time.**

# kandi README

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[link to prototype](#)

## TARGET AUDIENCE

Kandi is designed for anyone [seeking community for festivals](#) regardless of experience, ranging from first-time attendees to long-term festival nomads. In order to make it less overwhelming to enter the festival scene and more enticing to stay, the app promotes a [sense of community](#) at events by facilitating shared experiences and fostering new connections between users of any experience.

## DESIGN TOOLS

[Figma](#) was our main design and wireframing tool for our medium-fidelity prototype, chosen for its streamlined collaboration and all-in-one design and prototyping features. Our prototype allows users to easily navigate through our task flows and is compatible with all operating systems, imitating a functional mobile application supported by Wizard of Oz techniques. The logo for kandi was sketched and designed using [Adobe Photoshop](#).

## OPERATING INSTRUCTIONS

User interactions are facilitated with predetermined buttons on each screen, which they can

click on to navigate through the three task flows and explore the application. Listed below is an overview of all user interactions with any of the designated features on the app and the resulting screens the user will land on. The home page features the kandi string and icons that take the user to three main screens, with back arrows on the top left of each of them to navigate back to the previous screen. It is important to note that not all buttons or features will be interactable, and information may be auto-filled or fabricated. If the user taps on an unclickable part of the screen, the correct buttons will be highlighted.

### **Onboarding: Create a profile and get introduced to the app**

- The user is prompted to either sign in if they have an account or register to create a new account.
  - Click sign in to go to the login page.
    - Click either the email or password bar to fill in user account security information. Then, click log in to go to the home page.
  - Click register to go to the profile creation screen.
    - Click on the profile picture icon to select a photo for a profile picture. Then, click on the “name, email, username” bars to autofill information. Click on any genre under the “select your music interests” category to autofill information. Click on either the Spotify or Instagram button to automatically link socials. Then, click on the music button to generate a current favorite track.
    - Click the next button on the bottom right to confirm profile. Click on it again to begin the onboarding process. Keep clicking the next button to follow through to the home page.

### **Home page**

- [Community Icon](#): Click on the community icon (heart shape) on the bottom right to view upcoming events friends are attending as well as a personal event calendar.
- [View tasks Icon](#): Click on the plus sign (on the gray bead on the kandi string) to access the tasks screen.
- [Profile Icon](#): Click on the profile picture icon to view profile.

### **Task 1: Add and connect with other members of the community**

- Note\* Despite this being our moderate task, it is the first task the user will accomplish

for efficiency sake.

- Navigate to the community icon on the button left of the home page. Click on it to go to the community screen.
  - Click on the “my friends” tab and add a friend. There is one friend request to accept, click accept to add this friend.
    - Now, search for a friend by clicking on the search bar under “add friends”. Click on the keyboard to automatically type a name. Click on add to add this friend.
    - Click on the back button to go back to the “my friends” screen. The user now has two friends.
    - Click on the back button to go back to the “community” screen. Now, the user can see all upcoming events their friends are going to, which have been sorted in order of most attending to at least one friend attending.
  - Click on the “my events” section to view a personal events calendar.
    - Click on the plus bar under “events you are going to” to add an event. This takes the user to the “add events” screen, where they can either search for a new event or add an event nearby.
    - Click on the plus button on the event listed under “events near you” to add the event to the calendar. Click on the back arrow to go back to the “my events” screen. The user now has one event planned.
    - Continue clicking on the back arrow to navigate back to the home page.

## **Task 2: View and complete individual tasks.**

- Navigate to the tasks screen by clicking on the view tasks icon in the middle of the home page. On this screen, the user views their stats and available group and individual tasks.
  - Click on an underlined term to view its definition.
  - Click on the start button to the left of the first task.
    - The screen mimics a camera taking a picture of a totem, which would successfully complete the first task. Click on the white circle below to take a picture. Confirm image selection and click on the next button on the bottom right of the screen.

- A notification screen pops up indicating a task has been completed and a bead has been obtained. Click on the next button to go back to the task screen. The completed task has been moved to the bottom of the list.
- Click on the back button to navigate back to the home page.

### **Task 3: Join or create a group to complete community tasks.**

- Navigate to the tasks screen by clicking on the view tasks icon (plus sign) in the middle of the home page.
  - Click on the start button to the left of the first group task, indicated by the “group task” tagline above the task description.
    - Select a group to complete the task. Since the user has no groups to select, click on the plus icon under “my groups” to create a group.
    - The create a group screen appears and shows a group profile to edit along with friends to select to add to the group. Click on the plus icon where the group profile picture should be to automatically add a profile picture.
      - Click on the “group name” bar to automatically fill in a group name.
      - Select two friends by clicking on both profiles. Click confirm to create the group.
  - This brings us back to the select a group page, where the user now has one group to select. Click on that group and the confirm button on the bottom right to continue completing the task.
    - This screen mimics a camera taking a picture of a group headbanging to complete the task. Click on the white circle at the bottom of the screen to snap a picture, and click on the next button at the bottom right of the screen to confirm video selection.
    - A notification screen pops up to show a task has been completed and a bead has been obtained. Click on the next button at the bottom right of the screen to navigate back to the tasks screen, where the completed task has now been moved to the bottom of the task list.
    - Click the back button to navigate back to the home page.

## LIMITATIONS

Listed below are the three main limitations to our med-fi prototype.

Users are [unable to edit their own profiles or add to their event calendar](#), as our prototype only provides a clickable interface without the ability to process typed user information and display changes. This means that all user profiles and events are hard coded, as editing event calendars are not a part of our task flows and is a feature we will fully implement later.

Every user receives the same tasks, the same number of tasks, and all tasks are completed in the same way. Thus, there is [no progression in tasks](#) as there is no screen that shows completed tasks disappearing and new tasks being added. For the Hi-Fi prototype, we will show this process in order to fully envision how manageable the tasks page will be.

Because the only task flows designed are the ones that align with our simple, moderate, and complex tasks, there are [multiple buttons that are not clickable](#) and our prototype is limited only to those screens. Buttons without functionality include the social media icons connecting a profile to any other social media platforms, the “my events” button to show a user’s personal events calendar, and friends’ profiles are unable to be accessed. Clicking on a kandi bead to show a past submitted memory for a task is also not shown.

## WIZARD OF OZ

For our prototype, we used the following Wizard of Oz techniques to mimic a real user experience given our prototype’s limitations.

### **When completing a task, the media is automatically selected and uploaded for the user.**

The user is prompted to click on a task, but when the task is started, the interface takes a photo for the user to upload and the task is instantly completed. This is done because the prototype cannot simulate an actual camera for the user to take a photo, and there is no algorithm implemented to ensure the media submitted is true to the task. Thus, a photo that is already picked avoids this issue of legitimacy.

### **The user does not add a friend of choice but rather the prototype picks out a username**

**to add, and that friend instantly adds them back.**

We fabricated fake profiles due to the lack of real users for our med-fi prototype, and through that, the events that the user's friends are going to under the community tab are also fabricated in order to mimic what the screen would look like if it were functional.

**All information for profile and group creation are autofilled.**

Because our figma prototype is unable to process typed information or display resulting changes, the information for group and individual profiles are hard-coded. The true user experience would allow the user to edit both profiles and the changes would be reflected to the user and their friends.

## **HARD-CODED ITEMS**

Because our med-fi prototype focused on displaying the task flows as aligned with our simple, moderate, and complex tasks, it lacked functionality in other areas as it could not access any databases or user information. As a result, we hard-coded [all user profile information](#) (username, music interests, social media platforms, current favorite track) and [all group profile information](#) (group name and picture). Because there were no real users, the events that were chosen to display on the ["upcoming events" section in the community tab](#) were hard-coded and had randomly assigned users. The events themselves were arbitrarily chosen because no festival database was accessed by any users.