ConcertBuds

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Target Audience

ConcertBuds is designed for concert goers to meet others and build community. Primarily designed for solo concert goers, users can see and chat with other people going to concerts and find shared routes to venues on public transportation. By fostering meetups on public transportation, we promote sustainability and personal safety while designing for fun.

Design Tools

We use Figma to build our medium fidelity prototype because of it's capability to mimic a cross-platform mobile application. Before building our medium fidelity prototype in Figma, we sketched out low fidelity UI frames using pen and paper (collaborative) and Notability.

Operating Instructions

In this section, we will detail the operations and flow of each individual task flow (simple, moderate, and complex) and describe screen interactions. All interactions require touch screen and tap capabilities.

<u>General Notes</u>
- Our medium fidelity prototype comes with left pointing arrows in the upper left corner of the screen representing a traditional "back button." Because Figma does not store memory, the back button does not have the intended functionality of taking a user to the previously seen screen.
- For the moderate task whereby users get matched with other concert goers, we call these matches "Buddies" or "Buddy" (singular). In this documentation, we will refer to matches using this terminology.

<u>Navigation Bar</u>
At the bottom of each screen, there is a navigation bar with three buttons. The leftmost button is shaped like a house and brings the user to the home page, which is the landing page when the user opens up the app. The middle button is a map, which is used for the complex task whereby users can plan shared routes with other ConcertBuds. The rightmost button is the profile button which brings a user to their profile page when clicked.

<u>Profile Page</u>
When the user taps the rightmost button on the navigation bar, it brings them to their profile page where they can view their profile.

Underneath their username, which is "izzy_m" in our prototype, the user can click on the pencil icon to update their profile information, like their photo, username, and music genre preferences. This functionality is not implemented in our prototype as it does not relate to any task.

The user can also click on the gear icon below their username which takes them to their user preferences page.

<u>Preferences Page</u>
The preferences page can only be navigated to through the profile page.

There are several settings a user can personalize to their liking. Firstly, they can set a default location by clicking on the underlined location next to "Default Location." They can toggle on push notifications if they want to see when a fellow ConcertBud has messaged them. They can also toggle on "sync contacts" to upload their contacts to the ConcertBuds back end so that our app can identify and match them with mutual friends for the moderate task. This adds another level of personalization for users.

Below these settings, the user can set filters for their potential Buddy matches. There is a drop down menu for preferred genders, which includes inclusive gender identities. It is also not required that a user fills out this preference if they do not care which gender their Buddy is. There is an age slider where a user can set the lower and upper bounds of the age range for their preferred Buddy match. Similarly, there is a distance slider where a user can set the lower and upper bounds of the distance range (in miles) for their preferred Buddy match.

All of the preferences seen in the prototype are hard coded because these preferences are not directly needed to show an implemented task flow.

Home Page
- Landing page has search bar feature to search for upcoming tours or artists
- Populated with a user's interested and RSVP'd shows

Search Page
- Populated with search results from user's input
- User can click on a specific show/tour date to be taken to that show's RSVP page

RSVP Page
- A user can mark themselves as "interested" or "going"
- They can scroll through to see fellow ConcertBuds that have marked themselves as "going" (simple task)

● Can click on a button to Find their ConcertBuds, i.e. be connected to other concert goers (moderate task)

Your ConcertBuds Page
● Can scroll through and view fellow ConcertBuds that are attending that specific event
● Can click on an individual profile to be taken to a chat room page with that person
● User can also joining the ConcertBuds group chat for that show
● If "sync contacts" is on, ConcertBuds will highlight any mutual friends that it found that are going

Chat Page
● Chat room for entire ConcertBuds group going to an event
● Individual chats with individual Buddy matches or mutual Buds

Plan Commute Page
● This page will include your starting location, with the concert's location pre-inputted.
● You can select your transportation modes and intended arrival time.
● You will be "matched" with buddies".

Map Page
● The map page shows the starting language of yourself and the respective routes to the concert.
● You will see the other individuals in your group who you can chat with.

Limitations

Users cannot currently interact with their profiles because such functionality is not directly related to task flows.

Figma has no storage or memory capabilities and it is therefore not possible to RSVP or save "Interested" events.

Users cannot currently search for concerts because that would likely require an API plug in.

We do not have real conversations among users since it is a prototype so we have simulated conversations in the chat rooms.

Wizard-of-Oz / Hard Coded Data

Our example profile page is hard coded and is not mutable through the edit buttons because there is no way for Figma to store data.

Group chats are entirely simulated because there are no real users on the prototype.

Concerts are listed for a hardcoded location.

Saved events are hardcoded since Figma has no memory and no way to access a backend database.

All profiles on ConcertBuds pages are fabricated.

Preference values on the example user profile are hard coded.

The map for the complex task is specifically visualized for the purposes of demonstrating how such functionality would work in a place like Stanford's campus.