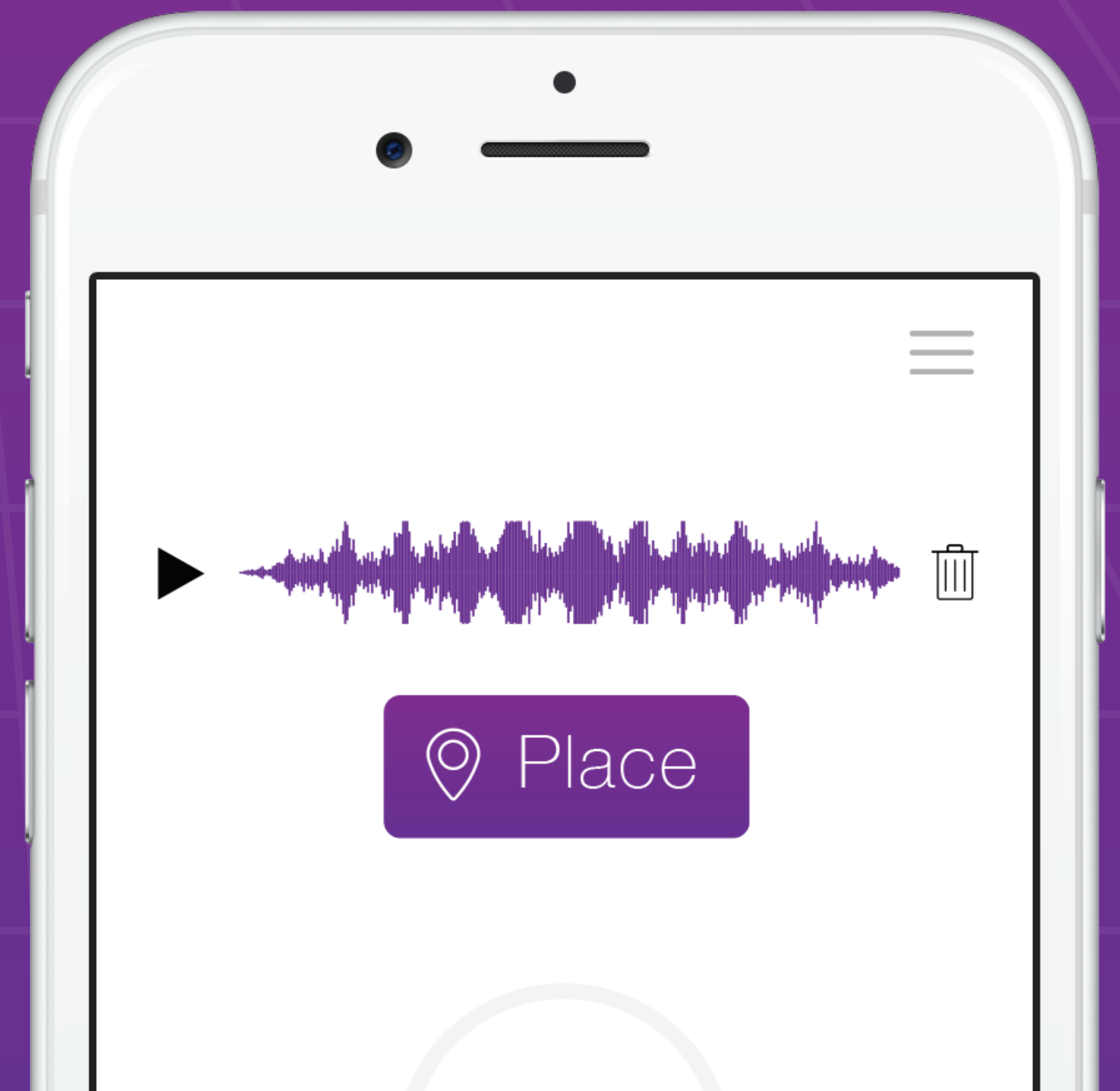




soundscape

create and explore a world of sound



Problem



Numerous apps support anonymous text-based interactions, but there is a noticeable lack of social apps for recording sound.

While many social media platforms incorporate location tagging, this is often used for text or images, not sounds.

We wanted to explore this space by creating a platform for anonymous users to share sounds with each other.

Solution

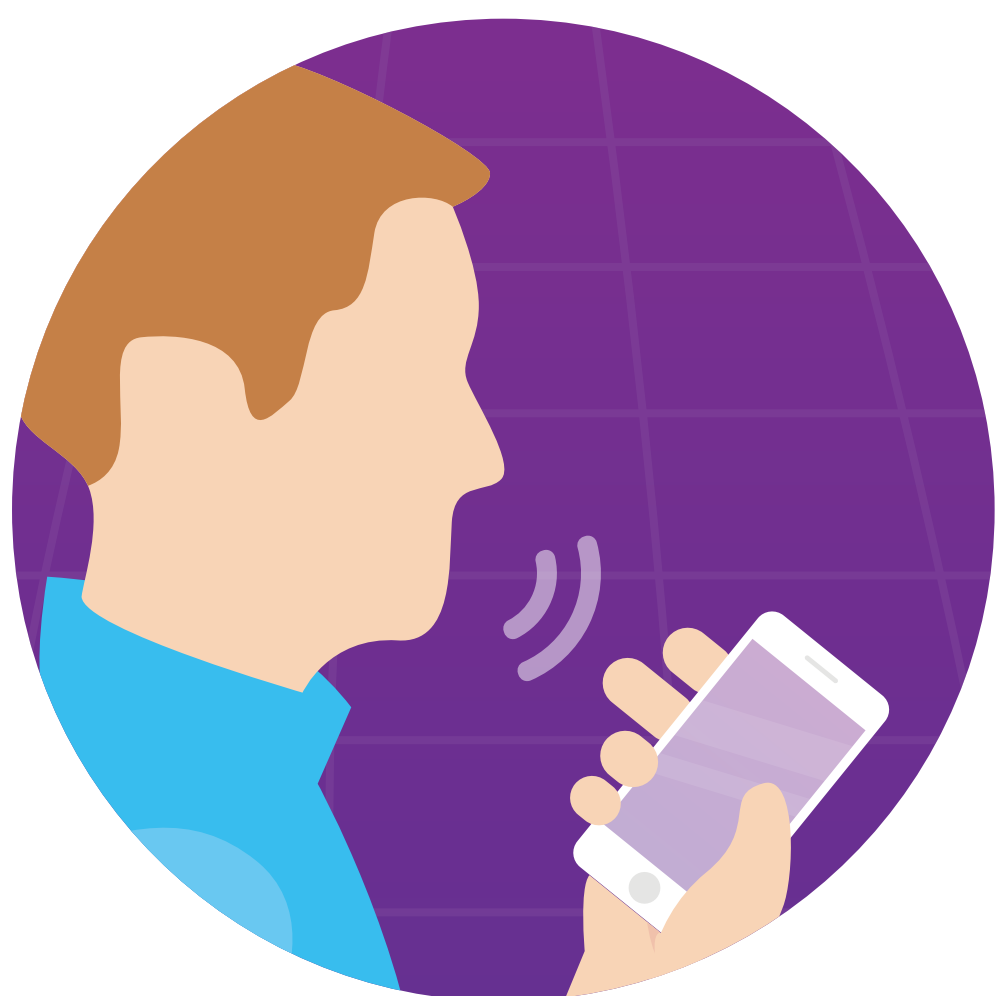


Soundscape is a location-aware sound recording app that allows users to interact with each other and the world through sound.

When another user walks near a location where a sound was placed, the sound sample will automatically play on their phone. All samples are placed anonymously – there are no sign-ups or accounts.

When “listening mode” is enabled, you can discover a world of sounds recorded by other users.

How it Works



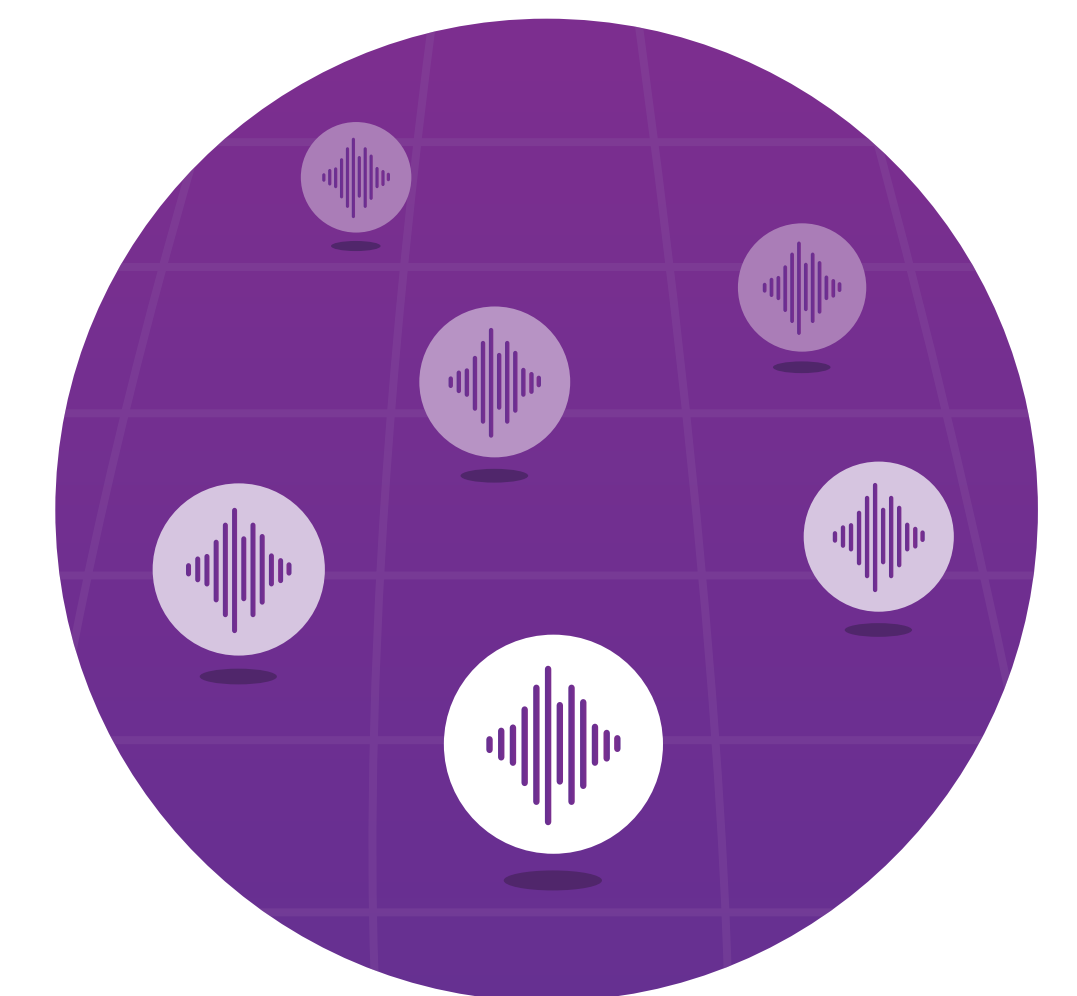
Use Soundscape to record a sound sample on your phone



“Place” the sound at your geographic location



When another user walks near the location where your sound was placed, they will hear it.



Enable “listening mode” to hear sounds placed by others.

Challenges

Determining the basic interactions for the app

Creating an intuitive user interface for recording and placing sound

Learning iOS development in a limited time span

Future Work



Enable ratings for sounds

An upvote/downvote rating system would allow listeners to respond to sounds. A sound with enough downvotes would get removed, which would help to control the quality of sounds.



Add a recording history view

A recording history panel would allow a user to view and listen to all of their past recordings, along with the ratings assigned to them by other listeners.