

Gabriel Chapel
Advanced Mobile Application Development
Project 2
Milestone 1

Description

I plan to develop the same app I made for the first project but on Android instead of IOS. For the first project, I aimed to create an audio looper, able to loop multiple recordings and play them back at the same time. For example, the user could record one track and then record another while playing the first one, in an attempt to layer both tracks and get a more complex sound.

The inspiration of this comes from songwriting and the need to be able to record ideas in full, rather than having individual components (e.g. instruments) in completely separate files. This happens to me at work and at school, and my only option is to record the melody and hope I can retain any accompanying ideas.

Audience

This app is directed towards people who come up with an idea for a song but have no immediate access to a multi-track recording program or other instruments. It will provide a way to retain the initial idea in a single file as well as give the user an opportunity to hear all the components he or she records together.

Competition

The Voice Memos app stock that comes stock on an iPhone is a pretty good starting point for my app idea. It, however, can only play one recording at a time.

I've tested a few apps from the Play Store that have looping capabilities and have found that they all have terrible user interface. They are unintuitive and it's a challenge to figure out how to use them. I hope to make my app more user-friendly and easier to operate.

Content

I will fabricate the images needed for recording, playing, and stopping, and I will use the MediaRecorder API for the functionality. The layout would be very similar to my first project, as shown below.

