

SoundBoard

Project React Native

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INTRODUCTION

The SoundBoard App is a mobile application developed in React that acts as a sampler. The application has the advantage of offering an almost infinite choice of sounds for the customization of pads. This application is to be tested on Android.

The sampler has 9 pads with default sounds offered by the application. A short press on a pad and the associated sound is played. On long press, the user is redirected to the edit view of the selected pad.

The editing interface offers the user to play the sound and replace it with a other (the next version will offer audio trimming).

Sound library

The library is accessible in 2 ways:- via the main menu to play, search, and create sounds, on the other hand- via the editing view of a pad in order to select a sound among those present. The library is broken down into 3 sections: custom sounds, sounds from the internet (free sound), and default sounds. The user has the possibility to delete a sound by dragging the line of the sound to the left to press "delete".

This section is accessible via the custom sound library. The user has the possibility of recording sounds via its microphone (the device used must allow activation of the microphone at the permissions level). After recording the sound, the user must enter a name to save the sound on his phone, he has also the choice to cancel the recording.

The search for free sound sounds is done via a button present in the section "free sound" from the library. Research requires a good internet connection in order to be able to see the list of results corresponding to the entry.

Delete my library: the deletion of all sounds downloaded or recorded by the user.

APP STRUCTURE

