Soundpinner

Efficient mapping of audio clips

# IDEA

A smart-device can be used to record audio. In case of an interview or a lecture audio recordings can be very long. Listening back to the audio and finding a specific part can be a hassle. Pinning the audio while recording can make this easier.

The user can pin certain points in time when recording or add notes. The user can also add notes afterwards by accessing the pins or adding new pins. Pins can have different colors and can be used for different organization purposes for example.

# Features

* Recording audio clips
* Adding pins to audio clips
* Adding notes to audio clips
* Browsing through audio clips
* Extra: Sharing audio with pins and notes.
* Extra: creating a document of the notes?

# Data & APIs

The audio data needs to be recorded and stored. Also the notes and pins need to be stored and linked to the audio file. Audio will be recorded using the built in microphone in the smart-device.

APIs that will be used:

* AudioRecord
* AudioTimeStamp
* AudioTrack
* AudioManager

# Potential Problems

Visualization of the audio together with the pins and notes could be a very difficult task.

# ON THE MARKET NOW

There are many audio recording applications, which allow the user to record and store audio. To my knowledge there are no applications designed for organizing audio with pins and notes or similar.

* a preliminary sketch of what the application will look like