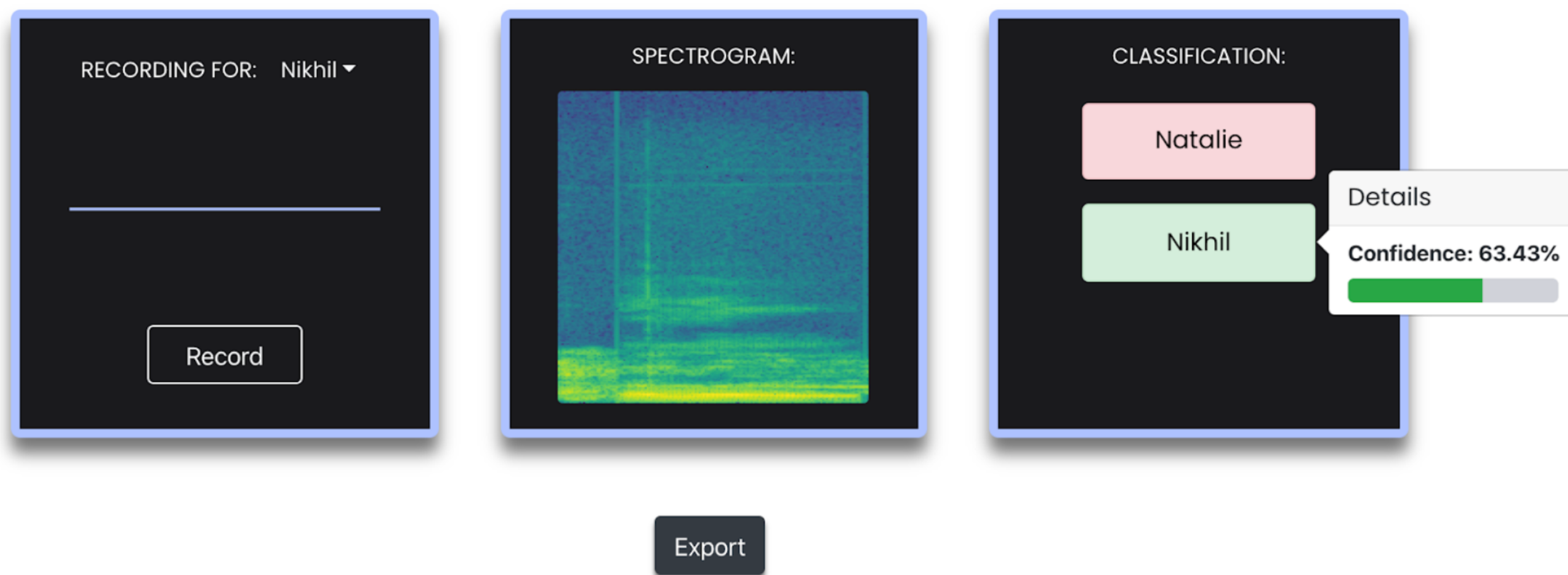


Personal Audio Classifier

Personal Audio Classifier

Difficulty: beginner**Lesson Type:** tutorial**Subject:** computer science**Grade Level:**

- 6-8
- 9-12



This student guide/tutorial shows you how to use the Personal Audio Classifier website to train an audio model using short 1-2 second recordings. You can then use the model and the Personal Image Classifier extension in App Inventor to build an app that can distinguish between voices.

In this case, the app is a Diary app. Your voice will authenticate the app and only allow your voice to open the diary.

The Personal Audio Classifier uses a Spectrogram of an audio recording in creating the model that you can use in your app. The Spectrogram of different voices will differ and the Classifier will be able to distinguish between different voices or sounds to classify them according to labels.

Resources

- [PAC Training Website](#)
- [Voice Authentication Diary Tutorial](#)