

Project Proposal

CSCI 4237 Fall 2011

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Title: *Conscious Sound*

The project proposed is to create an ear training application for musicians, which has a sequence of levels which test the user's ear. The application will also allow users to set pop quiz settings, which will prompt the user with a note/interval identification quiz every so often in order to automatically regulate spaced-repetition into the learning process. Another feature will be the ability to set notification tones (text message, alarm clock, etc..) to different notes/intervals, depending on what level the user is currently at.

The functional requirements include playing sounds, and saving the user's progress and statistics. The aim is to have a comprehensive storage system of user data in order to better allow users to understand their ear training needs, and overcome any roadblocks.