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CSC 461
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Problem

Currently, to listen to music on your electronic device, you must download or rip the music you want to listen to beforehand or stream a lossy and heavily compressed version from the web. This excludes the segment of the market who care about getting the highest quality audio, they will want the option to listen to songs at or near CD quality, but without the storage and time needed to have local copies of music.

Previous and Current Alternatives

Apart from Hong Kong-based Moov, current dedicated music streaming, such as Napster and Melon, offer only MP3-quality streaming.

Even though Moov offers 16 bit 44.1kHz streaming, it is still young (in 2007) and has not gained popularity globally and so may fail in the future. Additionally, being Hong Kong based, the music offered may not be what European or North American users want. Finally, since Moov is currently aimed at a Chinese-speaking customer base, much of the site is in Chinese, making navigation difficult for a non-Chinese speaking user.

My Approach

Our approach is to offer FLAC-based music streaming, as this will make us stand out just by offering higher quality audio than other well know services. To separate ourselves from Moov, we will get rights to music from European and US labels.

Preliminary Schedule

October 9th	**Deliver Project Proposal & Project Website**
October 23rd	Finalize research into lossless FLAC streaming limitations aind implementation steps
November 6th	**Deliver Project Update Report**
November 20th	Begin development of demo
December 4th	**Project Demo**
December 11th	**Submit Project Report**

Website:

https://denmanmax.github.io/CSC_461_HiFi_Streaming/

References:

https://www.qobuz.com/ca-en/about

https://en.wikipedia.org/wiki/Comparison_of_music_streaming_services?useskin=monobook

https://moov.hk/