Pattern Sequencer

Drum Machine

Shirley Fung & Hana Adaniya
Outline

- Software Demo
- Features
- Implementation
- Milestones & Progress

http://www.drumcentral.com
Software Demo

- Kick drum at 130 BPM
- Add a snare
- Go crazy

http://www.propellerheads.se
Features

- Percussion sequence
- 16 audio channels
- Adjustable beats per minute (BPM)
Interface
Implementation
Milestones and Progress

- Display and parameters
- Audio playback and looping
- Memory bank of audio samples
- Variable counter
1 KICK DRUM 1
2 KICK DRUM 2
3 SNARE 1
4 SNARE 2
5 HIGH HAT
6 OPEN HAT
7 CLOSED HAT
8 BONGOS 1
9 BONGOS 2
10 CLAP
11 TOMTON 1
12 TOMTON 2
13 RIDE
14 CYMBAL 1
15 CYMBAL 2
16 BASS
Thank you!