Background

**- 808 drum machine**

The Roland TR-808 drum machine was created by Ikutaro Kakehashi in 1980, identified primarily by it’s unique bass drum sound. It has been used by artists ranging from Marvin Gaye to Kanye West (Hasnain, 2017).

**- 808 clones**

Due to the scarcity of authentic 808s along with a hefty price tag, manufactures such as Novation and Korg created clones in response to the wide demand for that sound. (Snider, 2013)

**- Novation drum station**

Regarded as the first true TR-808/ 909 clone, it did not only rely on sample like others, the drum station used digitally synthesized models of the original waveforms that could be shaped similar to analog. It included all the sounds from the original 808 along with the same tone controls for each drum part. (Novation Drum Machine, 2008)

**- MIDI**

Short for Musical Instruments Digital Interface, MIDI is a communications and hardware protocol developed in the early 1980s. It was a combined effort by multiple companies to allow equipment from different manufacturers to communicate with each other and is now built into over 2 billion devices. (O'Keefe, 2016)

**- analog v digital**

Analog or Digital, Which is better? This is a constant debate between people in the music industry. Factors such as the recording process, audio bandwidth and signal to noise ratio are common topic that are discussed when comparing the two. (Gans, 2015)

**- touch UI**

Touch User Interface is a computer-pointing technology based upon the sense of touch.\*Get better explanation (Ganapati, 2009)

**- Web MIDI API**

The Web MIDI API gives web developers a way to use and manipulate MIDI messages through a web application that can then be sent to MIDI enabled devices that support USB-MIDI specification. (Wilson, 2017)

**- chrome**

Chrome is a free internet browser released by Google in 2008 that has such features as synchronisation with all Google Services and accounts. (Chrome, 2017)

**- web standards**

Web Standards are a formal set of standards and technical specifications used to define aspects of the World Wide Web. They are used by organisations as guidelines while building web sites and web applications (What are Web Standards, 2015)

**- web app**

A web application is a application program that is stored on a remote server and delivered over the internet through a browser interface. (Rouse, 2017)

**- node.js**

Node.js is a JavaScript runtime environment built on Chromes V8 JavaScript engine. It is opensource and uses event driven, non-blocking I/O models to make it light weight and efficient. (Node.js, 2009)

**- local server**

A local server is a program that provides services to other programs in the same computer. (Rouse, Server, 2013)

I’ve assigned a working title

- UA user agent

- TEAM Touch Enabled Analog MIDI

- 808 drum machine