Energy Babble

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Designing continuous stream. As we developed this idea, we started experimenting with technologies –

Hardware

The underlying hardware platform was informed by our design brief. We considered that the client devices would support audio recording and playback, and connect to the internet over Wi-Fi for sending and receiving audio files. The device was developed incrementally, and used mainly off-the-shelf components; though we did design some bespoke circuit boards to support the physical interface. There was a variety of small computers that could have supported our requirements, though we settled on the Raspberry Pi due to its low cost and the support of a large and enthusiastic community of developers.

A drawing of the final hardware system depicting the main elements and their connections to the Raspberry Pi and USB.
the Raspberry Pi micro-processor platform that would allow us to push information between