the Aware Home

Personal Audio Loop

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About This Project

The Personal Audio Loop is a continuous
audio buffering application that serves as a
memory aid for individuals. PAL resides on a
mobile phone and always provides access to
the last 15 minutes of audio in a person's life.
This helps the user answer questions such as:
"What were we talking about?" or "What was
that person's name?" We have conducted
several studies in the lab and the real world to
determine whether the device is usable, useful,
and ubiquitous. Additional analysis has looked
at the privacy and social acceptability of such a
device.