Lean-back Learning
Generate personalised audio presentations on the fly!

Lean-back Learning delivers automated real-time generation of concise audio summaries of multilingual text content.

Applications
There are many potential application areas for Lean-back Learning. These include:

- **Customer Support**: Present concise solutions to known product issues in audio format
- **Consumer Education**: Educate consumers on product features, functions, current tech trends, etc.
- **Product Launch**: Give the general public tailored overviews of a new product, in their language and appropriate to their level of knowledge

To view a short demonstration of this technology, see: http://bit.ly/leanbacklearning

IP Status
This technology is available to license from the ADAPT Centre for Digital Content Technology. Contact our commercial team for more information.

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Market Opportunity
In today’s fast-paced world, people face the challenge of having to consume large volumes of content in short periods of time. Tailoring content to the context of the user (e.g. what they’re doing, how much time they have) helps the user to consume content more efficiently, but this tailoring is expensive and time consuming. Additionally, speakers of minority languages have limited content available to them in their own language. We therefore need alternative ways to enable individuals to consume multilingual content on the go. Lean-Back Learning addresses this situation by delivering automatically generated audio presentations for consumption in hands-busy, eyes-busy contexts.

Technology Highlights
Lean-back Learning is an intelligent, user responsive web user interface and set of underlying services, which provide automatic real-time generation of concise summaries of multilingual text content in response to topic requests by users. Personalised audio presentations are generated using these summaries.

Text can be automatically converted to synthesised speech in a range of languages, with sentence analysis techniques being used to support the generation of more naturally sounding speech. The summaries are personalised to the user’s desired level of detail and time available.

The system reduces authoring costs through content repurposing and reuse, and reduces translation costs by auto-generating presentations in many languages. By generating concise overviews, it also cuts content consumption time and promotes user engagement through “on the move” consumption of content.