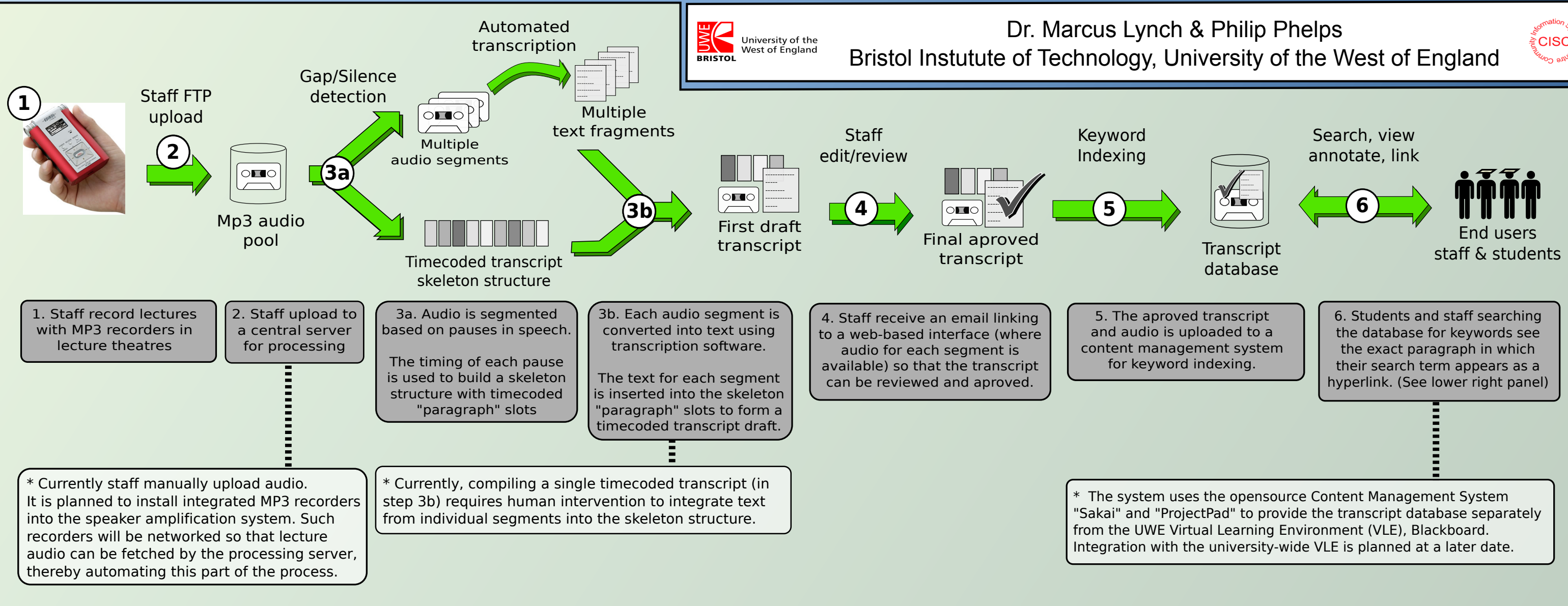


# Automated transcription of spoken-word lecture materials

...supporting hyperlinked communities of co-learners



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## Further improvements

- \* Implement dedicated profiles for each staff member. Currently a shared profile is used to reduce staff training time, but at the cost of lower initial accuracy.
- \* Iteratively reduce the time required for staff to approve transcripts by feeding corrections to errors back into the automated transcription engine.
- \* Allow corrections made to one segment to affect all others in a particular transcript. In the current system, each segment is a separate entity. This can lead to repeated edits of identical errors across segments.
- \* Automate more steps and improve user interfaces. For example, uploading data to the Content Management System (CMS) currently involves lengthy human interaction.
- \* Expand transcription to other speech-based AV materials - such as radio programmes, Youtube videos, podcasts, etc.

## Hyperlinked communities of co-learners

Users searching the CMS for keywords see search results as hyperlinks to the paragraph in which their search terms appear. Users are encouraged to collaboratively annotate materials, adding cross-references (both to other materials inside the CMS and to external content) to support learning by other users (students AND staff).

