MAGOR
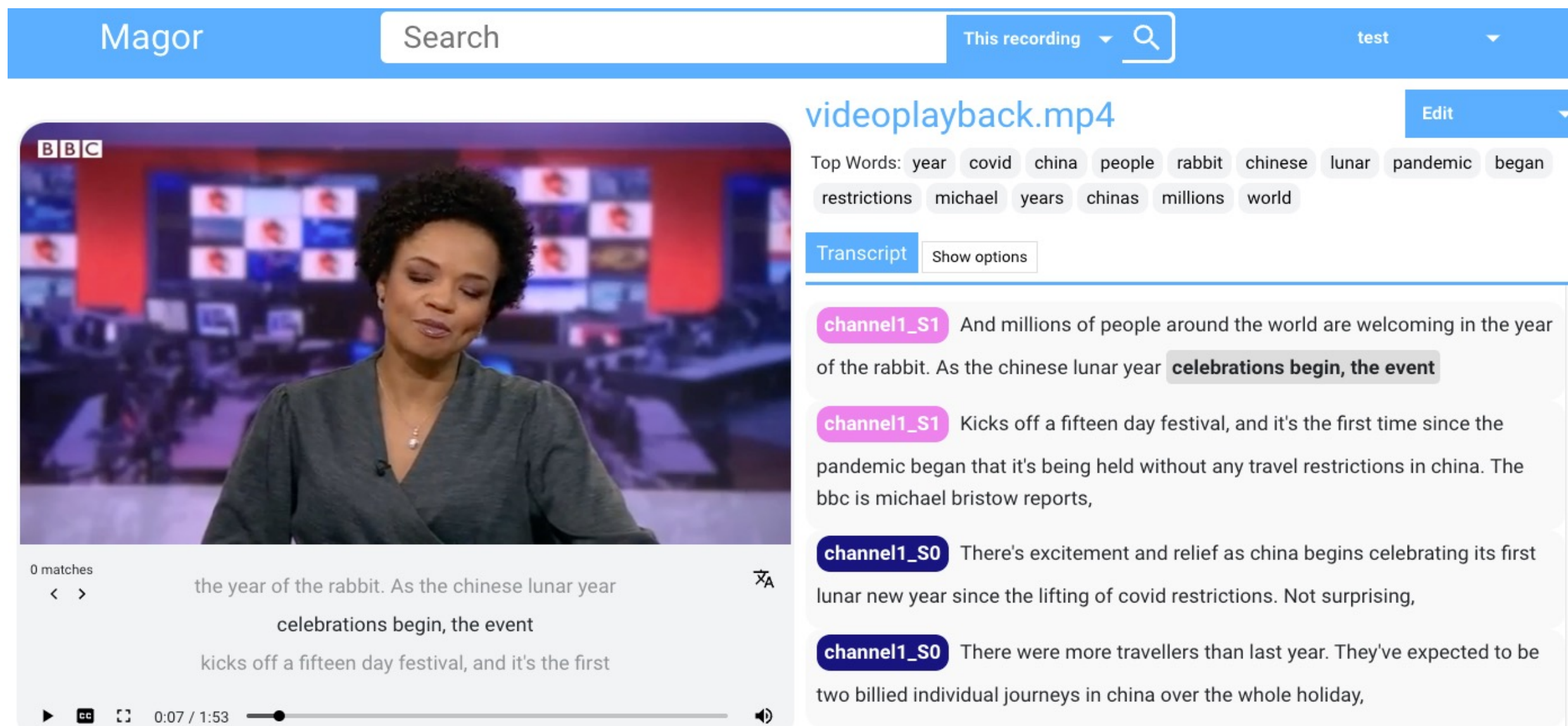
Web-Based Speech Recognition Platform (On Cloud and Local Deployment)

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Project Objectives:

MAGOR is a web application that offers audio and video transcription services. MAGOR consists of three services, and external dependencies such as Azure Cloud Storage and a centralized Automatic Speech Recognition (ASR) gateway. The objective of this project is to document and optimize the deployment process of MAGOR, followed by streamlining and improving it, and develop a version that eliminates Azure Cloud Storage dependencies to address client security concerns. In addition, the project involves implementing a CI/CD pipeline and software tests to ensure the system's reliability while covering critical maintenance tasks like bug fixes.