KENBUN

Health Assistant

No manual keyboard input

Hands free for other activities

Quick access to patient data

More time for patients

Voice recognition in medicine

More time for patients thanks to AI-based voice solution

In the medical and nursing professions, information such as personal data, medical histories, diagnoses and treatment plans are documented and retrieved. This process is taking up more and more working time, which means that patients often have to wait longer until the doctor is available for them again.

This is where the KENBUN Health Assistant comes in.

Documentation processes and the retrieval of relevant information are significantly accelerated and simplified with speech. Voice control and voice input make it possible to input and output patient data, protocols and/or treatment plans directly by voice into the customer's system, e.g. a hospital system. KIDOU transcribes the spoken commands or data input and thus enables the control and navigation of the customer system by voice, as well as the input of values in input fields of the clinic system/database. With the help of a downstream AI component 'Matcher', relevant data is correctly inserted into existing structures (forms, database and app input fields).

Use Case

Record patient data by voice

The recorded patient data is transferred to the hospital system in a matter of seconds, without the need for additional manual steps. When using voice input, KIDOU actively provides feedback in the event of errors and incomplete entries.

What about medical vocabulary/dialects and accents?

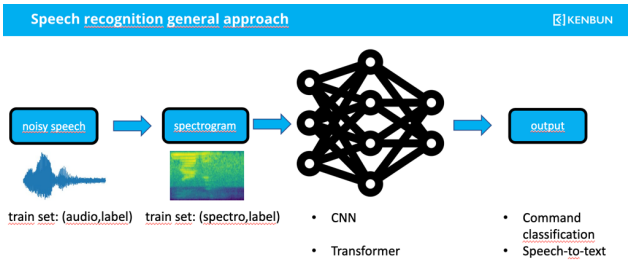
The Speech-To-Text (STT) AI component converts spoken words into textual formats, while the subsequent Matcher component enables extremely precise structuring of the captured data. The combination of STT and Matcher results in STS (Speech-To-Structure). Our components are optimised through targeted training for the medical terminology, dialects, accents and formulations of your specialist areas and are extremely robust in the face of disruptive ambient noise.

We will work out your individual technical terms with you!

During the integration and implementation process, which we carry out together with you, the system is further trained and optimised. The training data required for this is partly generated automatically by KENBUN and partly entered by the customer.

Identify and filter out background and ambient noise!

With our voice technology and intensive training, disturbing background noises background noise, such as surveillance monitors, sirens, road noise or similar, can be analysed and reduced, can be analysed and reduced.



Your data is safe!

Companies with high data protection requirements can manage their data on their own in-house server (on-premises). They are also available individually in the cloud or as hybrid solutions. In addition, we also offer our voice assistants on end devices (Windows, iOS, Android) in offline mode.

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