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(57) Abstract :
Disclosed herein is a real-time text and voice translation system (100) using deep learning techniques. The system (100) comprising a user interface (102), the user interface (102) further including a data collection unit (104) configured to collect audio and parallel text corpora and a pre-processing unit (106) receiving input from the data collection unit, the pre-processing unit (104) configured to pre-process the collected audio and parallel text corpora. The user interface (102) also has a real-time processing unit (112) receiving input from the pre-processing unit (106), the real-time processing unit (112) configured to provide translations in real-time. The user interface (102) further has a feedback unit (114) proving input to the real-time processing unit (112), the feedback unit (114) configured to collect and store reported inaccuracies in the translation for providing feedback.

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