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(57) Abstract :
Present disclosure relates to a system (102) for analysing and predicting a next word of a user. The system (102) comprises a voice obtainment module (210) that is configured to obtain speech data from the user and a pre-processing module (212) that is configured to eliminate anomalies in the obtained speech. Further, the system (102) comprises a prediction module (214) that is configured to generate predicted speech in real time based on the obtained speech and a conversion module (216) that is configured to convert the generated predicted speech into a text format. Further, the system (102) comprises a display interface module (218) that is configured to display the converted text format to the user. The system (102) also comprises a processor (202) coupled with a learning engine (224) that is configured to provide deep learning-based real-time audio and visual vocabulary suggestions to the user.

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