

Research on speech recognition and building a Cabin translation model.

Nguyen Khac An

Abstract: In the context of increasing demand for automated communication, this topic focuses on researching and developing a speech recognition system to enhance communication efficiency within cabins. The main objective of the project is to build a highly accurate Cabin translation model to support users in more convenient communication. The implementation method includes a combination of theoretical research on speech recognition technology and practical application deployment on cabin platforms. It is expected that this system will bring significant value in improving user experience and opening up new possibilities for the transportation industry.

Keywords: Speech recognition, Cabin translation model, Automatic communication