

Building an automatic door opening and closing system through facial recognition.

Phan Thi Thanh Ha

Abstract: In the context of increasingly demanding security and convenience, this topic focuses on building an automatic door opening/closing system based on facial recognition. The main objective of the research is to develop an intelligent solution that can be applied in facilities such as hospitals, banks, and industrial zones. The implementation process includes both theoretical research on facial recognition and practical testing with the designed system. The expected results will demonstrate the effectiveness of this solution in ensuring security and enhancing user convenience.

Keywords: Face recognition, Automatic system, Access management