Problem Statement:

Design an Arduino Uno-based system using ATmega328P to create an automated door-locking mechanism with a servo motor. Implement an algorithm that allows users to input a secure code via a keypad or a mobile application, triggering the servo motor to unlock the door when the correct code is entered. Ensure security measures, such as a timeout for multiple incorrect attempts, and explore additional features like remote monitoring and control for enhanced functionality.

Company name

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