

Design and Development of Quiz Competition Buzzer System

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Abstract: *Quiz competitions are widely used in educational institutions and other events to encourage learning and test participants' knowledge. A buzzer system plays a critical role in managing such competitions by determining the fastest responder. This paper presents the design and development of a reliable and cost-effective quiz competition buzzer system using Arduino. The system identifies the first team to press the buzzer and locks out other inputs until reset, ensuring fair play and improving coordination during quizzes.*

Keywords: Quiz Buzzer, Arduino, Fastest Response, Lockout System, Embedded System

