

Cattle Health Monitoring System using IoT

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Abstract: Diseases negatively impact the productivity of dairy cows and the production of milk. The challenge lies in the early detection and treatment of sick cows, due to the lack of continuous monitoring and the limited knowledge of breeders about various diseases. To address this issue, this study presents the development of a comprehensive dairy cattle health management system, aimed at monitoring cow health and detecting and treating diseases. By collecting temperature and pulse data from sensors, the system is able to assess the health condition of cows and distinguish between normal and abnormal results.

Keywords: Internet of things (IoT), Temperature, Heart Rate, Milk Production, Sensor, Cloud, Farmer, Doctor

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