# IoT based GPS Tracking for Dementia Patient

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**Abstract***: This research presents an affordable GPS tracking device tailored for dementia patients, providing real-time tracking and location capabilities. Integrated preventive features and health monitoring technologies aim to alleviate caregiver anxieties and promote flexible care management. With projections indicating a significant rise in dementia prevalence, this initiative offers practical solutions to empower individuals and caregivers in addressing the challenges of dementia care*

**Keywords:** Heartbeat Sensor, RTC, GPS/GPRS, Camera Module, Arduino UNO, and Buzzer

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