

Women Safety System

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Abstract: *Women walk with keys between fingers, with location shared, with eyes on phones. Harassment rises anyway. Laws punish after; technology can warn before, respond during. We built something small—a bracelet, a pendant, a button hidden in plain sight. Press it, ESP8266 wakes, GPS locks coordinates, SOS fires. Pre-registered contacts receive location. Cloud logs timestamp. Flutter app shows map, shows status, shows help coming. Not weapon, not training required. Just reach, press, done. Discreet because attackers watch for obvious defense. Portable because danger moves. 24/7 because trouble doesn't schedule. Empowerment through reliability. Confidence because backup exists. Independence finally possible.*

Keywords: Women Safety, IoT, ESP8266, GPS Tracking, Flutter, Emergency Alert, Wearable

