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GPS Tracker with Arduino for Girls Safety

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Abstract: Women's safety is a crucial concern in today's society, necessitating the development of personal security solutions. This project presents a women's safety purse, integrated with a GPS and GSM-based security system. The purse is designed to provide instant emergency assistance with the press of a button, ensuring safety in distress situations. It operates on a 3.7V Li-ion battery with a 5V charging module, making it portable and reliable. The purse includes four key switches: Call, SMS, Alert, and Shock, each serving a vital function for self-defense and communication in emergencies.

Keywords: Arduino, GPS tracker, Womens safety, personal security, real time location tracking

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