

Build a Family Safety application supporting location tracking and SOS alerts using Flutter.

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Abstract: This topic focuses on building a Family Safety mobile application to meet the need for family safety protection, especially for children. This project uses the Flutter development language to create a beautiful user interface compatible with multiple platforms. The main objective of the research is to implement GPS location functionality and automatic SOS alerts when incidents occur. Through the experimental process, the topic will evaluate the effectiveness and feasibility of the system on popular mobile devices today. The expected results provide a useful solution for families in monitoring the safety of their members.

Keywords: Family Safety, Flutter, GPS Location, SOS Alert, Graduation Project