

ABSTRACT

This research is designing safety facility for children while they on the move with their parents in public spaces. Children are people who have interest to search and curious with something new. Public spaces are space that people use it to gather or have an interaction to each other. Public space that usually be used by family is shopping center or mall because it is convenient and has many facilities.

Approach method that be using is research and development design with analysis design aspects. Theoretical data for this are user activities in public spaces, safety criteria from public spaces, interaction between people, goods and environment, and children cognitive development. The result from data collecting are to know about safety problems for children in public spaces and solve the problem with designing Parental-Child Safety Alarm to Prevent Lost Child in Public Space using General ISM Radio Frequency Transceiver System so parents can identified their child when they too far to approach.

Keywords: *Children and parents, activities, public spaces, safety.*