

Config Challenge

14/04/2020

Swimming Pool Monitoring

User Story:

I am a homeowner and parent and we will soon be finishing construction of our new property. As part of this project we will be having an extension off the main house that will contain an indoor pool.

Something that has recently come to mind is that we have two young children, a girl, 7, and a boy, 8. Both of whom like to roam and play around the house and it could be very dangerous if they entered the pool area on their own without an adult.

Therefore I would like some way that we as parents can be notified if they enter the pool area unescorted.

Details:

There is one entrance to the pool area which is an open archway the same height and width as a doorway. You must specify the best solution with either Loxone peripherals or third party and integrated into Loxone.

The solution must be able to identify the difference between a child and an adult based on your designated criteria and then alert the parents should a child enter on their own.

Possible Criteria to Consider:

- Both parents, mother and father, are average height and weight.
- Both children are average height and weight for their ages.
- Both parents are Android phone users.
- The children are too young to have their own phones.
- All members of the household have an NFC key fob for the front door access.
- There will be a basic pool cover but it is motorised.