Case Study: Elderly People

Problem
Elderly people with Alzheimer’s, dementia or other memory-related problems sometimes forget where they are and why. Even when they are simply struggling with stress, pain or are under the influence of medication which makes them a little disorientated, they can feel confused and anxious. Safety, security, as well as the need for independence can be a top priority for elderly people.

Solution
The TraceME Module will make life easier and less stressful. It will assist in locating someone who is lost or wandering and makes elderly people with memory-related problems feel more secure. Authorized people will know exactly where someone is, how long he has been somewhere, how many stops he has made along the way, and what route he took. When in need of assistance, a user can press a panic button to send an alert to a predetermined location and/or person.

Additional Benefits
- **Drop Sensor**
  If the person carrying the TraceME Module falls, as elderly people sometimes do, it will set off an alarm which will call someone and send them a message.

- **Add Microphone and/or Speaker**
  Adding an internal microphone and speaker allows the user to talk to a call centre or a help service. This can calm down a person tremendously.

- **Call Predetermined Numbers**
  Knowing that you can talk to a loved one, without using a cell phone that is much too difficult to use, will have a huge additional value. The user only needs to press a button, maybe with a picture of the loved one next to it, and be connected.

- **Obtain the Location On Demand**
  When a loved one is gone missing, the location of the user can be easily detected via a SMS. The TraceME module will respond with a set of coordinates or a direct link to an online map service.

For more detailed information,
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