Automated Wireless Asset Tracking for Underground Mines

Use Case Specification: Create Tag

Version 1.0

Revision History

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| 10/05/14 | 1.0 | Filled out use-case description. | Philip Kurowski |
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Use Case Specification: Create Tag

# Brief Description

The user enters the ZigBee tag of a new end device. The new tag can be assigned to a miner and represents an end device in the ZigBee network.

# Participating actor

## User

An authenticated user interacting with the monitoring software.

# Entry conditions

## User is logged in

The user has supplied valid login credentials in the LogIn use-case.

# Flow of Events

## Tag list window opens

* The user opens a window that shows all the tags in the database.

## Fills in tag information

* The tag name is entered and the user submits the tag to be created.
* If the tag name already exists, notify the user of this and ask for a different name.
* If the tag name does not exist, insert the tag to the database.

# Exit Conditions

## Tag added to database

A new entry for the created tag is added to the system database.

# Quality requirements

## <Quality requirement one>