Automated Wireless Asset Tracking for Underground Mines

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 10/17/14 | 1.0 | Completed use case | Philip Kurowski |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Brief Description 1

2. Participating actor 1

2.1 <Participating actor One > 1

3. Entry conditions 1

3.1 < Entry condition One > 1

4. Flow of Events 1

4.1 First event Flow Title 1

4.2 Another Event Flow Title 1

5. Exit Conditions 1

5.1 < Exit condition one > 1

6. Quality requirements 1

6.1 <Quality requirement one> 1

# Brief Description

This use case’s purpose is to generate an attendance report for a miner. The report contains miner information and worked shift times and can be either daily, monthly, or yearly.

# Participating actor

## User

A person using the TMS.

# Entry conditions

## User is logged in

The user has completed the LogIn use case.

## Members have been created

At least miner has been added to the system to be tracked.

# Flow of Events

## Initiate report window

* The user selects the type of report from a Reports menu drop down.

## Select miner

* The user selects a miner to be reported from a drop down list

## User selects date interval

* If the user selects daily
  + See DailyReport use case.
* If the user selects monthly
  + See MonthlyReport use case.
* If the user selects yearly
  + See YearlyReport use case.

# Exit Conditions

## PDF Report generated

A yearly, monthly, or daily report is generated and presented to the user in PDF form.

# Quality requirements

## <Quality requirement one>