Tracking and Monitoring Software

Test Case Specification (TCS)

Version 1.0

Revision History

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| 04/05/2015 | 1.0 | Completed test case. | Philip Kurowski |
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Test Case Specification (TCS)

# Reports Module

# Test items

## Daily report

A report is generated which contains the date of the shift, the start time, end time, and number of working hours grouped by each member.

## Monthly report

A report is generated which A report is generated which contains the date of the shift, the start time, end time, and number of working hours per each day in a month for one member.

## Yearly report

A report is generated which contains the month and number of working hours for a member in the specified year.

# Input specifications

## All reports

For some member enter the shifts:

|  |  |  |
| --- | --- | --- |
| **Shift 1** | 06:00 | 10:00 |
| **Shift 2** | 14:00 | 16:00 |
| **Shift 3** | 18:00 | 20:00 |

## Daily report

Have the member connect during shift 1 and shift 3.

Select the current day.

## Monthly report

Have the member connect during shift 1, 2, and 3 on two separate days.

Select the current month.

## Yearly report

Have the member connect during shift 1 on two days in the current month.

Select the current year.

# Output specifications

## All reports

All reports except the daily report are headed with their title, the date range, the member’s member number, and the member’s name.

## Daily report

The table will contain:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| <MEMBER NUMBER> | <DATE> | 06:00 | 10:00 | 4 |
| <MEMBER NUMBER> | <DATE> | 18:00 | 20:00 | 2 |

## Monthly report

|  |  |  |  |
| --- | --- | --- | --- |
| <DATE CONNECTED 1> | 06:00 | 10:00 | 4 |
| <DATE CONNECTED 2> | 06:00 | 10:00 | 4 |

## Yearly report

|  |  |  |  |
| --- | --- | --- | --- |
| <MONTH CONNECTED 1> | 06:00 | 10:00 | 4 |
| <MONTH CONNECTED 2> | 06:00 | 10:00 | 4 |

# Environmental needs

## Computer running Windows with the Tracking and Monitoring Software (TMS) installed

An install of the TMS is required with some miners and routers loaded into the system.

# Special procedural requirements

Testing these cases can be made easier by changing the system clock in order to simulate monthly or daily connections.

# Intercase dependencies

## Master module test cases must succeed before data can be tracked

There must be valid members, tags, and routers in the system for the reports to be constructed.