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U2M2.LW.Advanced Grouping

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# 1. Prerequisites Task Information

## 1.1. Passwords Index

|  |  |  |
| --- | --- | --- |
| Password Group | Login Name | Password |
| Operation System | root | “rootadmin” |
|  | oracle | “oracleadmin” |
|  |  |  |
| Oracle System | sys | “sysadmin” |
|  | system | “sysadmin” |
|  |  |  |
| Oracle Users | All DB users | “%PWD%” |
|  |  |  |
|  |  |  |

## 1.2. Folder Paths Index

|  |  |  |
| --- | --- | --- |
| Path Group | Path Description | Path |
| Operation System | Oracle RDBMS – BIN | /oracle/app/oracle |
|  | Oracle Inventory | /oracle/app/oraInventory |
|  | Oracle Database Storage | /oracle/oradata |
|  | Oracle Install Directory | /oracle/install |
| Oracle | ORACLE\_BASE | /oracle/app/oracle |
|  | ORACLE\_HOME | $ORACLE\_BASE/product/11.2 |
|  |  |  |
| FTP | ftp Incoming Folder | /ftp/incoming |
|  |  |  |
|  |  |  |

# 2. Business analyses tasks – Reports

## 2.1. Task 01: CREATE Daily Reports Layouts

**The Main Task** is to create Reports Layouts according your Business Solution Proposal, which was developed on Exit Task Module 6.Introduction to DWH.

**Task Results:**

Create report layouts:

* Create excel report layouts
* Put report layouts on Git – Folder BI Tasks – Product Name (author) - Repots

## 2.2. Task 02: CREATE Monthly Reports Layouts

**The Main Task** is to create Reports Layouts according your Business Solution Proposal, which was developed on Exit Task Module 6.Introduction to DWH.

**Task Results:**

Create report layouts:

* Create excel report layouts
* Put report layouts on Git – Folder BI Tasks – Product Name (author) - Repots

# 3. Advanced Grouping tasks – Reports

## 3.1. Task 03: CREATE Test AdHoc SQL - Daily Reports (CUBE)

**The Main Task** is to create adhoc SQL script, which will calculate Daily Reports (According report layouts on task 01).

**Requirements:**

* USE: CUBE Extension
* USE: Grouping() function
* USE: Grouping\_ID function

**Task Results:**

Create script and document:

* Create document that will compare scrip result and report layouts
* Put scripts on Git – Folder: dwso – Req. Product Name (author) - Test

## 3.2. Task 04: CREATE Test AdHoc SQL - Monthly Reports (ROLLUP & GROUPING SETS)

**The Main Task** is to create adhoc SQL script, which will calculate Monthly Reports (According report layouts on task 01).

**Requirements:**

* USE: ROLLUP or GROUPING SETS Extension
* USE: Grouping() function
* USE: Grouping\_ID function

**Task Results:**

Create script and document:

* Create document that will compare scrip result and report layouts
* Put scripts on Git – Folder: dwso – Req. Product Name (author) - Tests

## 3.3. Task 05: CREATE Test AdHoc SQL – ROLLUP by Time

**The Main Task** is to create adhoc SQL script, which will calculate Time Based Reports

Calculate measurements by next levels:

* DAY
* MONTH
* QUARTER
* YEAR

**Requirements:**

* USE: ROLLUP
* USE: Grouping() function
* USE: Grouping\_ID function

**Task Results:**

Create script and document:

* Create document that will showing scrip result
* Put scripts on Git – Folder: dwso – Req. Product Name (author) - Tests