**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_TaskNotebookManagement

Version 1.0, issued date …..

**ABSTRACT**

This document is intended to be the SRS and ADD for developing

**PERSONAL INFORMATION MANAGEMENT (HRM\_PIM)**

**PROPRIETARY INFORMATION**: The information contained in this document is the property of **HRM\_PIM** . Except as specifically authorized in writing by **HRM\_PIM**, the holder of this document shall keep all information contained herein confidential and shall protect same in whole or in part from disclosure and dissemination to all third parties.

Contents

[1. File list 3](#_Toc324338257)

[2. Function list 3](#_Toc324338259)

[3. Detail Design 5](#_Toc324338260)

[3.1. Client Class Diagram 5](#_Toc324338261)

[3.2. Business Class Diagram 5](#_Toc324338263)

[3.3. Entity Diagram 6](#_Toc324338264)

[3.4. Sequence Diagram 7](#_Toc324338265)

[3.4.1. List TaskNotebook Management Diagram 7](#_Toc324338266)

[3.4.2. Edit TaskNotebook Management Diagram 8](#_Toc324338267)

1. **File list**

[*Reference to TaskNotebookmanagement in File List*](../../HRM_File%20List.xlsx)

1. **Function list**

|  |  |
| --- | --- |
| ***ListTaskNotebookManagementView*** |  |
| **Function** | **Description** |
| OnCellDoubleClick() | Show GUI choosen by user |

|  |  |
| --- | --- |
| ***EditTaskNotebookManagementView*** |  |
| **Function** | **Description** |
| View\_CloseWindow() | Close GUI choosen by user |

|  |  |
| --- | --- |
| ***ListTaskNotebookManagementViewModel*** |  |
| **Function** | **Description** |
| GetListTaskNotebookManagementComplete(int employeeKey) | Get list of available data of TaskNotebookmanagement to List View |
| GetTaskNotebookManagementtByKeyComplete (int id, string keyName) | Check TaskNotebookManakey inserted with available TaskNotebookManakey in database. |
| DeleteTaskNotebookManagementComplete(Int TaskNotebookManaKey) | Delete list data of TaskNotebookmanagement from database |
| Reload() | Get available data of TaskNotebookmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditTaskNotebookManagementViewModel*** |  |
| **Function** | **Description** |
| SaveTaskNotebookManagementComplete(Int TaskNotebookManaKey) | Store data of TaskNotebookManagement to database |
| GetTaskNotebookManagementComplete(int id) | Get list of available data of TaskNotebookmanagement to Edit View |
| GetTaskNotebookManagementByKeyComplete(int id, string keyName) | Check TaskNotebookManakey inserted with available TaskNotebookManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of TaskNotebookmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListTaskNotebookManagementAsync(int employeeKey) | Get list of available data of TaskNotebookmanagement from database to ViewlModel |
| GetTaskNotebookManagementAsync(int id) | Get data of TaskNotebookmanagement from database. |
| SaveTaskNotebookManagementAsync(Int TaskNotebookManaKey) | Insert data of TaskNotebookmanagement to database. |
| DeleteTaskNotebookManagementAsync(Int TaskNotebookManaKey) | Remove data of TaskNotebookmanagement to database. |

|  |  |
| --- | --- |
| ***HRMService*** |  |
| **Function** | **Description** |
| GetHRM\_TaskNotebookManagement(int TaskNotebookManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Select transaction. |
| InsertHRM\_TaskNotebookManagement(int TaskNotebookManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Insert transaction. |
| UpdateHRM\_TaskNotebookManagement(int TaskNotebookManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Update transaction. |
| DeleteHRM\_TaskNotebookManagement(int TaskNotebookManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Delete transaction. |

1. **Detail Design**
   1. Client Class Diagram



* 1. Business Class Diagram



* 1. Entity Diagram

|  |  |
| --- | --- |
| C:\Users\DangNguyen\Desktop\HRM Image\HRM_employee.jpg | C:\Users\DangNguyen\Desktop\HRM Image\HRM_Tasknotebook.jpg |

* 1. Sequence Diagram
     1. List TaskNotebook Management Diagram



* + 1. Edit TaskNotebook Management Diagram

