**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_UnionManagement

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](#_Toc324339044)

[2. Function list 3](#_Toc324339046)

[3. Detail Design 4](#_Toc324339047)

[3.1. Client Class Diagram 4](#_Toc324339048)

[3.2. Business Class Diagram 5](#_Toc324339050)

[3.3. Entity Diagram 5](#_Toc324339052)

[3.4. Sequence Diagram 6](#_Toc324339053)

[3.4.1. List Union Management Diagram 6](#_Toc324339054)

[3.4.2. Edit Union Management Diagram 7](#_Toc324339055)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListUnionManagementViewModel*** |  |
| **Function** | **Description** |
| GetListUnionManagementComplete(int employeeKey) | Get list of available data of Unionmanagement to List View |
| GetUnionManagementtByKeyComplete (int id, string keyName) | Check UnionManakey inserted with available UnionManakey in database. |
| DeleteUnionManagementComplete(Int UnionManaKey) | Delete list data of Unionmanagement from database |
| Reload() | Get available data of Unionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditUnionManagementViewModel*** |  |
| **Function** | **Description** |
| SaveUnionManagementComplete(Int UnionManaKey) | Store data of UnionManagement to database |
| GetUnionManagementComplete(int id) | Get list of available data of Unionmanagement to Edit View |
| GetUnionManagementByKeyComplete(int id, string keyName) | Check UnionManakey inserted with available UnionManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Unionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListUnionManagementAsync(int employeeKey) | Get list of available data of Unionmanagement from database to ViewlModel |
| GetUnionManagementAsync(int id) | Get data of Unionmanagement from database. |
| SaveUnionManagementAsync(Int UnionManaKey) | Insert data of Unionmanagement to database. |
| DeleteUnionManagementAsync(Int UnionManaKey) | Remove data of Unionmanagement to database. |

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

* 1. Sequence Diagram
     1. List Union Management Diagram



* + 1. Edit Union Management Diagram

