**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_OtherManagement

Version 1.0, issued date …..

**ABSTRACT**

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

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

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Contents

[1. File list 3](#_Toc324337298)

[2. Function list 3](#_Toc324337300)

[3. Detail Design 4](#_Toc324337301)

[3.1. Client Class Diagram 4](#_Toc324337302)

[3.2. Business Class Diagram 5](#_Toc324337304)

[3.3. Entity Diagram 5](#_Toc324337306)

[3.4. Sequence Diagram 6](#_Toc324337308)

[3.4.1. List Other Management Diagram 6](#_Toc324337309)

[3.4.2. Edit Other Management Diagram 7](#_Toc324337310)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListOtherManagementViewModel*** |  |
| **Function** | **Description** |
| GetListOtherManagementComplete(int employeeKey) | Get list of available data of Othermanagement to List View |
| GetOtherManagementtByKeyComplete (int id, string keyName) | Check OtherManakey inserted with available OtherManakey in database. |
| DeleteOtherManagementComplete(Int OtherKey) | Delete list data of Othermanagement from database |
| Reload() | Get available data of Othermanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditOtherManagementViewModel*** |  |
| **Function** | **Description** |
| SaveOtherManagementComplete(Int OtherKey) | Store data of OtherManagement to database |
| GetOtherManagementComplete(int id) | Get list of available data of Othermanagement to Edit View |
| GetOtherManagementByKeyComplete(int id, string keyName) | Check OtherManakey inserted with available OtherManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Othermanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListOtherManagementAsync(int employeeKey) | Get list of available data of Othermanagement from database to ViewlModel |
| GetOtherManagementAsync(int id) | Get data of Othermanagement from database. |
| SaveOtherManagementAsync(Int OtherKey) | Insert data of Othermanagement to database. |
| DeleteOtherManagementAsync(Int OtherKey) | Remove data of Othermanagement to database. |

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

* 1. Sequence Diagram
     1. List Other Management Diagram



* + 1. Edit Other Management Diagram

