**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_EmployeeManagement

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](#_Toc323613341)

[2. Function list 3](#_Toc323613343)

[3. Detail Design 4](#_Toc323613344)

[2.1. Client Class Diagram 4](#_Toc323613345)

[2.2. Business Class Diagram 6](#_Toc323613347)

[2.3. Entity Diagram 6](#_Toc323613349)

[2.4. Sequence Diagram 7](#_Toc323613351)

[2.4.1. List Employee Management Diagram 7](#_Toc323613352)

[2.4.2. Edit Employee Management Diagram 8](#_Toc323613353)

1. **File list**

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

1. **Function list**

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

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

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

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

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

|  |  |
| --- | --- |
| ***ListEmployeeManagementViewModel*** |  |
| **Function** | **Description** |
| GetListEmployeeManagementComplete() | Get list of available data of Employeemanagement to List View |
| GetEmployeeManagementtByKeyComplete () | Check EmployeeManakey inserted with available EmployeeManakey in database. |
| DeleteEmployeeManagementComplete() | Delete list data of Employeemanagement from database |
| Reload() | Get available data of Employeemanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditEmployeeManagementViewModel*** |  |
| **Function** | **Description** |
| SaveEmployeeManagementComplete() | Store data of EmployeeManagement to database |
| GetEmployeeManagementComplete() | Get list of available data of Employeemanagement to Edit View |
| GetEmployeeManagementByKeyComplete() | Check EmployeeManakey inserted with available EmployeeManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Employeemanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListEmployeeManagementAsync() | Get list of available data of Employeemanagement from database to ViewlModel |
| GetEmployeeManagementAsync() | Get data of Employeemanagement from database. |
| SaveEmployeeManagementAsync() | Insert data of Employeemanagement to database. |
| DeleteEmployeeManagementAsync() | Remove data of Employeemanagement to database. |

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

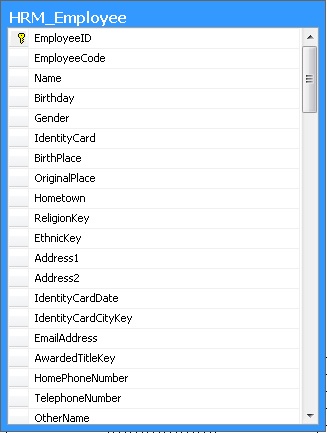
1. **Detail Design**
   1. Client Class Diagram



* 1. Business Class Diagram



* 1. Entity Diagram



* 1. Sequence Diagram
     1. List Employee Management Diagram



* + 1. Edit Employee Management Diagram

