**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_EmployeeManagement

Version 1.0, issued date 3/10/2012

**ABSTRACT**

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

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

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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 (string keyName) | Check EmployeeManakey inserted with available EmployeeManakey in database. |
| DeleteEmployeeManagementComplete(int id) | 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(int id) | Store data of EmployeeManagement to database |
| GetEmployeeManagementComplete(int id) | Get list of available data of Employeemanagement to Edit View |
| GetEmployeeManagementByKeyComplete(string keyName) | 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(int id) | Get list of available data of Employeemanagement from database to ViewlModel |
| GetEmployeeManagementAsync(int id) | Get data of Employeemanagement from database. |
| SaveEmployeeManagementAsync(int id) | Insert data of Employeemanagement to database. |
| DeleteEmployeeManagementAsync(int id) | Remove data of Employeemanagement to database. |

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

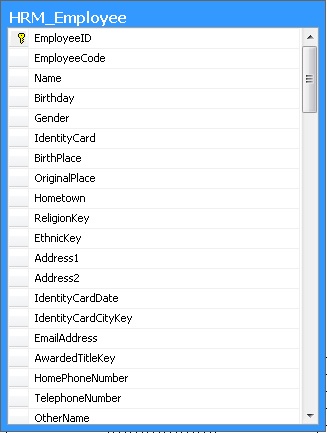
1. **Detail Design**
   1. Client Class Diagram



* 1. Business Class Diagram



* 1. Entity Diagram



* 1. Sequence Diagram
     1. List Employee Management Diagram



* + 1. Edit Employee Management Diagram

