**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_StaffHistory

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](#_Toc324337858)

[2. Function list 3](#_Toc324337860)

[3. Detail Design 4](#_Toc324337861)

[3.1. Client Class Diagram 4](#_Toc324337862)

[3.2. Business Class Diagram 5](#_Toc324337864)

[3.3. Entity Diagram 5](#_Toc324337866)

[3.4. Sequence Diagram 6](#_Toc324337868)

[3.4.1. List StaffHistory Diagram 6](#_Toc324337869)

[3.4.2. Edit StaffHistory Diagram 7](#_Toc324337870)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListStaffHistoryViewModel*** |  |
| **Function** | **Description** |
| GetListStaffHistoryComplete(int employeeKey) | Get list of available data of StaffHistory to List View |
| GetStaffHistorytByKeyComplete (int id, string keyName) | Check FacilitateManakey inserted with available FacilitateManakey in database. |
| DeleteStaffHistoryComplete(Int StaffHistorykey) | Delete list data of StaffHistory from database |
| Reload() | Get available data of StaffHistory from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditStaffHistoryViewModel*** |  |
| **Function** | **Description** |
| SaveStaffHistoryComplete(Int StaffHistoryKey) | Store data of StaffHistory to database |
| GetStaffHistoryComplete(int id) | Get list of available data of StaffHistory to Edit View |
| GetStaffHistoryByKeyComplete(int id, string keyName) | Check StaffHistoryManakey inserted with available FacilitateManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of StaffHistory from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListStaffHistoryAsync(int employeeKey) | Get list of available data of StaffHistory from database to ViewlModel |
| GetStaffHistoryAsync(int id) | Get data of StaffHistory from database. |
| SaveStaffHistoryAsync(Int StaffHistorykey) | Insert data of StaffHistory to database. |
| DeleteStaffHistoryAsync(Int StaffHistorykey) | Remove data of StaffHistory to database. |

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

* 1. Sequence Diagram
     1. List StaffHistory Diagram



* + 1. Edit StaffHistory Diagram

