**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_LecturePositionManagement

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](#_Toc324336841)

[2. Function list 3](#_Toc324336843)

[3. Detail Design 4](#_Toc324336844)

[3.1. Client Class Diagram 4](#_Toc324336845)

[3.2. Business Class Diagram 5](#_Toc324336847)

[3.3. Entity Diagram 6](#_Toc324336849)

[3.4. Sequence Diagram 7](#_Toc324336851)

[3.4.1. List LecturePosition Management Diagram 7](#_Toc324336852)

[3.4.2. Edit LecturePosition Management Diagram 8](#_Toc324336853)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListLecturePositionManagementViewModel*** |  |
| **Function** | **Description** |
| GetListLecturePositionManagementComplete(int employeeKey) | Get list of available data of LecturePositionmanagement to List View |
| GetLecturePositionManagementtByKeyComplete (int id, string keyName) | Check LecturePositionManakey inserted with available LecturePositionManakey in database. |
| DeleteLecturePositionManagementComplete(Int LecturePositionManaKey) | Delete list data of LecturePositionmanagement from database |
| Reload() | Get available data of LecturePositionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditLecturePositionManagementViewModel*** |  |
| **Function** | **Description** |
| SaveLecturePositionManagementComplete(Int LecturePositionManaKey) | Store data of LecturePositionManagement to database |
| GetLecturePositionManagementComplete(int id) | Get list of available data of LecturePositionmanagement to Edit View |
| GetLecturePositionManagementByKeyComplete(int id, string keyName) | Check LecturePositionManakey inserted with available LecturePositionManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of LecturePositionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListLecturePositionManagementAsync(int employeeKey) | Get list of available data of LecturePositionmanagement from database to ViewlModel |
| GetLecturePositionManagementAsync(int id) | Get data of LecturePositionmanagement from database. |
| SaveLecturePositionManagementAsync(Int LecturePositionManaKey) | Insert data of LecturePositionmanagement to database. |
| DeleteLecturePositionManagementAsync(Int LecturePositionManaKey) | Remove data of LecturePositionmanagement to database. |

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

* 1. Sequence Diagram
     1. List LecturePosition Management Diagram



* + 1. Edit LecturePosition Management Diagram

