**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)**

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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() | Get list of available data of LecturePositionmanagement to List View |
| GetLecturePositionManagementtByKeyComplete () | Check LecturePositionManakey inserted with available LecturePositionManakey in database. |
| DeleteLecturePositionManagementComplete() | 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() | Store data of LecturePositionManagement to database |
| GetLecturePositionManagementComplete() | Get list of available data of LecturePositionmanagement to Edit View |
| GetLecturePositionManagementByKeyComplete() | 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() | Get list of available data of LecturePositionmanagement from database to ViewlModel |
| GetLecturePositionManagementAsync() | Get data of LecturePositionmanagement from database. |
| SaveLecturePositionManagementAsync() | Insert data of LecturePositionmanagement to database. |
| DeleteLecturePositionManagementAsync() | Remove data of LecturePositionmanagement to database. |

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

