**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_ LecturerProbationManagement

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 LecturerProbationmanagement in File List*](../../HRM_File%20List.xlsx)

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***List LecturerProbationManagementViewModel*** |  |
| **Function** | **Description** |
| GetList LecturerProbationManagementComplete() | Get list of available data of LecturerProbationmanagement to List View |
| Get LecturerProbationManagementtByKeyComplete () | Check LecturerProbationManakey inserted with available LecturerProbationManakey in database. |
| Delete LecturerProbationManagementComplete() | Delete list data of LecturerProbationmanagement from database |
| Reload() | Get available data of LecturerProbationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |  |  |
| --- | --- | --- | --- |
| ***Edit LecturerProbationManagementViewModel*** | |  | |
| **Function** | | **Description** | |
| Save LecturerProbationManagementComplete() | | Store data of LecturerProbationManagement to database | |
| Get LecturerProbationManagementComplete() | | Get list of available data of LecturerProbationmanagement to Edit View | |
| Get LecturerProbationManagementByKeyComplete() | | Check LecturerProbationManakey inserted with available LecturerProbationManakey in database. | |
| CheckInputData() | | Check if user input wrong data or lack | |
| Readload() | | Get available data of LecturerProbationmanagement from database | |
| LoadInitComplete() | | Display data from Reload() to List View | |
| ***ExpandInformationModel*** |  | |
| **Function** | **Description** | |
| GetList LecturerProbationManagementAsync() | Get list of available data of LecturerProbationmanagement from database to ViewlModel | |
| Get LecturerProbationManagementAsync() | Get data of LecturerProbationmanagement from database. | |
| Save LecturerProbationManagementAsync() | Insert data of LecturerProbationmanagement to database. | |
| Delete LecturerProbationManagementAsync() | Remove data of LecturerProbationmanagement to database. | |

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

* 1. Sequence Diagram
     1. List LecturerProbation Management Diagram



* + 1. Edit LecturerProbation Management Diagram

