|  |
| --- |
| **SOFTWARE DETAIL DESIGN DOCUMENT** |
| DD\_StaffInternshipManagement |
|  |
| 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](#_Toc324337942)

[2. Function list 3](#_Toc324337944)

[3. Detail Design 4](#_Toc324337945)

[3.1. Client Class Diagram 4](#_Toc324337946)

[3.2. Business Class Diagram 5](#_Toc324337948)

[3.3. Entity Diagram 6](#_Toc324337950)

[3.4. Sequence Diagram 7](#_Toc324337952)

[3.4.1. List StaffInternship Management Diagram 7](#_Toc324337953)

[3.4.2. Edit StaffInternship Management Diagram 8](#_Toc324337954)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListStaffInternshipManagementViewModel*** |  |
| **Function** | **Description** |
| GetListStaffInternshipManagementComplete(intemployeeKey) | Get list of available data of StaffInternshipmanagementto List View |
| GetStaffInternshipManagementtByKeyComplete(int id, stringkeyName) | Check StaffInternshipManakey insertedwith available StaffInternshipManakey in database. |
| DeleteStaffInternshipManagementComplete(IntStaffInternshipManaKey) | Delete list data of StaffInternshipmanagement from database |
| Reload() | Getavailable data of StaffInternshipmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditStaffInternshipManagementViewModel*** |  |
| **Function** | **Description** |
| SaveStaffInternshipManagementComplete(IntStaffInternshipManaKey) | Store data of StaffInternshipManagement to database |
| GetStaffInternshipManagementComplete(int id) | Get list of available data of StaffInternshipmanagementto Edit View |
| GetStaffInternshipManagementByKeyComplete(int id, stringkeyName) | Check StaffInternshipManakey inserted with available StaffInternshipManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of StaffInternshipmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListStaffInternshipManagementAsync(intemployeeKey) | Get list of available data of StaffInternshipmanagement from database to ViewlModel |
| GetStaffInternshipManagementAsync(int id) | Get data of StaffInternshipmanagement from database. |
| SaveStaffInternshipManagementAsync(IntStaffInternshipManaKey) | Insert data of StaffInternshipmanagement to database. |
| DeleteStaffInternshipManagementAsync(IntStaffInternshipManaKey) | Remove data of StaffInternshipmanagement to database. |

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

* 1. Sequence Diagram
     1. List StaffInternship Management Diagram



* + 1. Edit StaffInternship Management Diagram

