|  |
| --- |
| **SOFTWARE DETAIL DESIGN DOCUMENT** |
| DD\_SyllabusManagement |
|  |
| 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](#_Toc324338183)

[2. Function list 3](#_Toc324338185)

[3. Detail Design 4](#_Toc324338186)

[3.1. Client Class Diagram 4](#_Toc324338187)

[3.2. Business Class Diagram 5](#_Toc324338189)

[3.3. Entity Diagram 5](#_Toc324338191)

[3.4. Sequence Diagram 6](#_Toc324338193)

[3.4.1. List Syllabus Management Diagram 6](#_Toc324338194)

[3.4.2. Edit Syllabus Management Diagram 7](#_Toc324338195)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListSyllabusManagementViewModel*** |  |
| **Function** | **Description** |
| GetListSyllabusManagementComplete(intemployeeKey) | Get list of available data of Syllabusmanagementto List View |
| GetSyllabusManagementtByKeyComplete(int id, stringkeyName) | Check SyllabusManakey insertedwith available SyllabusManakey in database. |
| DeleteSyllabusManagementComplete(IntSyllabusKey) | Delete list data of Syllabusmanagement from database |
| Reload() | Getavailable data of Syllabusmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditSyllabusManagementViewModel*** |  |
| **Function** | **Description** |
| SaveSyllabusManagementComplete(IntSyllabusKey) | Store data of SyllabusManagement to database |
| GetSyllabusManagementComplete(int id) | Get list of available data of Syllabusmanagementto Edit View |
| GetSyllabusManagementByKeyComplete(int id, stringkeyName) | Check SyllabusManakey inserted with available SyllabusManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Syllabusmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListSyllabusManagementAsync(intemployeeKey) | Get list of available data of Syllabusmanagement from database to ViewlModel |
| GetSyllabusManagementAsync(int id) | Get data of Syllabusmanagement from database. |
| SaveSyllabusManagementAsync(IntSyllabusKey) | Insert data of Syllabusmanagement to database. |
| DeleteSyllabusManagementAsync(IntSyllabusKey) | Remove data of Syllabusmanagement to database. |

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

* 1. Sequence Diagram
     1. List Syllabus Management Diagram



* + 1. Edit Syllabus Management Diagram

