|  |
| --- |
| **SOFTWARE DETAIL DESIGN DOCUMENT** |
| DD\_FamilyRelationshipManagement |
|  |
| 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](#_Toc324336301)

[2. Function list 3](#_Toc324336303)

[3. Detail Design 5](#_Toc324336304)

[3.1. Client Class Diagram 5](#_Toc324336305)

[3.2. Business Class Diagram 6](#_Toc324336307)

[3.3. Entity Diagram 6](#_Toc324336309)

[3.4. Sequence Diagram 7](#_Toc324336312)

[3.4.1. List FamilyRelationship Management Diagram 7](#_Toc324336313)

[3.4.2. Edit FamilyRelationship Management Diagram 8](#_Toc324336314)

1. **File list**

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

1. **Function list**

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

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

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

|  |  |
| --- | --- |
| ***ListFamilyRelationshipManagementViewModel*** |  |
| **Function** | **Description** |
| GetListFamilyRelationshipManagementComplete(intemployeeKey) | Get list of available data of FamilyRelationshipmanagementto List View |
| GetFamilyRelationshipManagementtByKeyComplete(int id, stringkeyName) | Check FamilyRelationshipManakey insertedwith available FamilyRelationshipManakey in database. |
| DeleteFamilyRelationshipManagementComplete(IntFamilyMemberKey) | Delete list data of FamilyRelationshipmanagement from database |
| Reload() | Getavailable data of FamilyRelationshipmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditFamilyRelationshipManagementViewModel*** |  |
| **Function** | **Description** |
| SaveFamilyRelationshipManagementComplete(IntFamilyMemberKey) | Store data of FamilyRelationshipManagement to database |
| GetFamilyRelationshipManagementComplete(int id) | Get list of available data of FamilyRelationshipmanagementto Edit View |
| GetFamilyRelationshipManagementByKeyComplete(int id, stringkeyName) | Check FamilyRelationshipManakey inserted with available FamilyRelationshipManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of FamilyRelationshipmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListFamilyRelationshipManagementAsync(intemployeeKey) | Get list of available data of FamilyRelationshipmanagement from database to ViewlModel |
| GetFamilyRelationshipManagementAsync(int id) | Get data of FamilyRelationshipmanagement from database. |
| SaveFamilyRelationshipManagementAsync(IntFamilyMemberKey) | Insert data of FamilyRelationshipmanagement to database. |
| DeleteFamilyRelationshipManagementAsync(IntFamilyMemberKey) | Remove data of FamilyRelationshipmanagement to database. |

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

* 1. Sequence Diagram
     1. List FamilyRelationship Management Diagram



* + 1. Edit FamilyRelationship Management Diagram

