|  |
| --- |
| **DETAIL DESIGN DOCUMENT** |
| DD\_FamilyRelationshipManagement |
| Version 1.0, issued date 3/21/2012 |
|  |
|  |
|  |
|  |
|  |

Contents

[1. File list 3](#_Toc324334944)

[2. Function list 3](#_Toc324334946)

[3. Detail Design 5](#_Toc324334947)

[3.1. Client Class Diagram 5](#_Toc324334948)

[3.2. Business Class Diagram 5](#_Toc324334950)

[3.3. Entity Diagram 6](#_Toc324334952)

[3.4. Sequence Diagram 7](#_Toc324334954)

[3.4.1. List Artical Management Diagram 7](#_Toc324334955)

[3.4.2. Edit Artical Management Diagram 8](#_Toc324334956)

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(int employeeKey) | Get list of available data of FamilyRelationshipmanagement to List View |
| GetFamilyRelationshipManagementtByKeyComplete (int id, string keyName) | Check FamilyRelationshipManakey inserted with available FamilyRelationshipManakey in database. |
| DeleteFamilyRelationshipManagementComplete(Int FamilyMemberKey) | Delete list data of FamilyRelationshipmanagement from database |
| Reload() | Get available data of FamilyRelationshipmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditFamilyRelationshipManagementViewModel*** |  |
| **Function** | **Description** |
| SaveFamilyRelationshipManagementComplete(Int FamilyMemberKey) | Store data of FamilyRelationshipManagement to database |
| GetFamilyRelationshipManagementComplete(int id) | Get list of available data of FamilyRelationshipmanagement to Edit View |
| GetFamilyRelationshipManagementByKeyComplete(int id, string keyName) | 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(int employeeKey) | Get list of available data of FamilyRelationshipmanagement from database to ViewlModel |
| GetFamilyRelationshipManagementAsync(int id) | Get data of FamilyRelationshipmanagement from database. |
| SaveFamilyRelationshipManagementAsync(Int FamilyMemberKey) | Insert data of FamilyRelationshipmanagement to database. |
| DeleteFamilyRelationshipManagementAsync(Int FamilyMemberKey) | Remove data of FamilyRelationshipmanagement to database. |

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

