**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_FamilyRelationshipManagement

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 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

