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| **SOFTWARE DETAIL DESIGN DOCUMENT** |
| DD\_UnionManagement |
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1. **File list**

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

1. **Function list**

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

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

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| ***ListUnionManagementViewModel*** |  |
| **Function** | **Description** |
| GetListUnionManagementComplete(intemployeeKey) | Get list of available data of Unionmanagementto List View |
| GetUnionManagementtByKeyComplete(int id, stringkeyName) | Check UnionManakey insertedwith available UnionManakey in database. |
| DeleteUnionManagementComplete(IntUnionManaKey) | Delete list data of Unionmanagement from database |
| Reload() | Getavailable data of Unionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditUnionManagementViewModel*** |  |
| **Function** | **Description** |
| SaveUnionManagementComplete(IntUnionManaKey) | Store data of UnionManagement to database |
| GetUnionManagementComplete(int id) | Get list of available data of Unionmanagementto Edit View |
| GetUnionManagementByKeyComplete(int id, stringkeyName) | Check UnionManakey inserted with available UnionManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Unionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListUnionManagementAsync(intemployeeKey) | Get list of available data of Unionmanagement from database to ViewlModel |
| GetUnionManagementAsync(int id) | Get data of Unionmanagement from database. |
| SaveUnionManagementAsync(IntUnionManaKey) | Insert data of Unionmanagement to database. |
| DeleteUnionManagementAsync(IntUnionManaKey) | Remove data of Unionmanagement to database. |

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

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| C:\Users\DangNguyen\Desktop\HRM Image\HRM_employee.jpg | C:\Users\DangNguyen\Desktop\HRM Image\HRM_Union.jpg |

* 1. Sequence Diagram
     1. List Union Management Diagram



* + 1. Edit Union Management Diagram

