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| **DETAIL DESIGN DOCUMENT** |
| DD\_TradeUnionManagement |
| Version 1.0, issued date 4/6/2012 |
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1. **File list**

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

1. **Function list**

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

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

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| ***List TradeUnionManagementViewModel*** |  |
| **Function** | **Description** |
| GetList TradeUnionManagementComplete(int employeeKey) | Get list of available data of TradeUnionmanagement to List View |
| Get TradeUnionManagementtByKeyComplete (int id, string keyName) | Check TradeUnionManakey inserted with available TradeUnionManakey in database. |
| Delete TradeUnionManagementComplete(Int TradeUnionManaKey) | Delete list data of TradeUnionmanagement from database |
| Reload() | Get available data of TradeUnionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***Edit TradeUnionManagementViewModel*** |  |
| **Function** | **Description** |
| Save TradeUnionManagementComplete(Int TradeUnionManaKey) | Store data of TradeUnionManagement to database |
| Get TradeUnionManagementComplete(int id) | Get list of available data of TradeUnionmanagement to Edit View |
| Get TradeUnionManagementByKeyComplete(int id, string keyName) | Check TradeUnionManakey inserted with available TradeUnionManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of TradeUnionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetList TradeUnionManagementAsync(int employeeKey) | Get list of available data of TradeUnionmanagement from database to ViewlModel |
| Get TradeUnionManagementAsync(int id) | Get data of TradeUnionmanagement from database. |
| Save TradeUnionManagementAsync(Int TradeUnionManaKey) | Insert data of TradeUnionmanagement to database. |
| Delete TradeUnionManagementAsync(Int TradeUnionManaKey) | Remove data of TradeUnionmanagement to database. |

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

* 1. Sequence Diagram
     1. List TradeUnion Management Diagram



* + 1. Edit TradeUnion Management Diagram

