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| **SOFTWARE DETAIL DESIGN DOCUMENT** |
| DD\_TradeUnionManagement |
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| **DangNguyen** |
| **[Pick the date]** |
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1. **File list**

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

1. **Function list**

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

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

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| ***ListTradeUnionManagementViewModel*** |  |
| **Function** | **Description** |
| GetListTradeUnionManagementComplete(intemployeeKey) | Get list of available data of TradeUnionmanagementto List View |
| GetTradeUnionManagementtByKeyComplete(int id, stringkeyName) | Check TradeUnionManakey insertedwith available TradeUnionManakey in database. |
| DeleteTradeUnionManagementComplete(IntTradeUnionManaKey) | Delete list data of TradeUnionmanagement from database |
| Reload() | Getavailable data of TradeUnionmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditTradeUnionManagementViewModel*** |  |
| **Function** | **Description** |
| SaveTradeUnionManagementComplete(IntTradeUnionManaKey) | Store data of TradeUnionManagement to database |
| GetTradeUnionManagementComplete(int id) | Get list of available data of TradeUnionmanagementto Edit View |
| GetTradeUnionManagementByKeyComplete(int id, stringkeyName) | 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** |
| GetListTradeUnionManagementAsync(intemployeeKey) | Get list of available data of TradeUnionmanagement from database to ViewlModel |
| GetTradeUnionManagementAsync(int id) | Get data of TradeUnionmanagement from database. |
| SaveTradeUnionManagementAsync(IntTradeUnionManaKey) | Insert data of TradeUnionmanagement to database. |
| DeleteTradeUnionManagementAsync(IntTradeUnionManaKey) | Remove data of TradeUnionmanagement to database. |

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

