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

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

1. **Function list**

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

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

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| ***ListCommunistPartyManagementViewModel*** |  |
| **Function** | **Description** |
| GetListCommunistPartyManagementComplete(intemployeeKey) | Get list of available data of CommunistPartymanagementto List View |
| GetCommunistPartyManagementtByKeyComplete(int id, stringkeyName) | Check CommunistPartyManakey insertedwith available CommunistPartyManakey in database. |
| DeleteCommunistPartyManagementComplete(IntCommunistPartyManaKey) | Delete list data of CommunistPartymanagement from database |
| Reload() | Getavailable data of CommunistPartymanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditCommunistPartyManagementViewModel*** |  |
| **Function** | **Description** |
| SaveCommunistPartyManagementComplete(IntCommunistPartyManaKey) | Store data of CommunistPartyManagement to database |
| GetCommunistPartyManagementComplete(int id) | Get list of available data of CommunistPartymanagementto Edit View |
| GetCommunistPartyManagementByKeyComplete(int id, stringkeyName) | Check CommunistPartyManakey inserted with available CommunistPartyManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of CommunistPartymanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListCommunistPartyManagementAsync(intemployeeKey) | Get list of available data of CommunistPartymanagement from database to ViewlModel |
| GetCommunistPartyManagementAsync(int id) | Get data of CommunistPartymanagement from database. |
| SaveCommunistPartyManagementAsync(IntCommunistPartyManaKey) | Insert data of CommunistPartymanagement to database. |
| DeleteCommunistPartyManagementAsync(IntCommunistPartyManaKey) | Remove data of CommunistPartymanagement to database. |

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

* 1. Sequence Diagram
     1. List CommunistParty Management Diagram



* + 1. Edit CommunistParty Management Diagram

