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

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

1. **Function list**

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

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

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| ***ListFacilitateManagementViewModel*** |  |
| **Function** | **Description** |
| GetListFacilitateManagementComplete(intemployeeKey) | Get list of available data of Facilitatemanagementto List View |
| GetFacilitateManagementtByKeyComplete(int id, stringkeyName) | Check FacilitateManakey insertedwith available FacilitateManakey in database. |
| DeleteFacilitateManagementComplete(IntFacilitateManaKey) | Delete list data of Facilitatemanagement from database |
| Reload() | Getavailable data of Facilitatemanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditFacilitateManagementViewModel*** |  |
| **Function** | **Description** |
| SaveFacilitateManagementComplete(IntFacilitateManaKey) | Store data of FacilitateManagement to database |
| GetFacilitateManagementComplete(int id) | Get list of available data of Facilitatemanagementto Edit View |
| GetFacilitateManagementByKeyComplete(int id, stringkeyName) | Check FacilitateManakey inserted with available FacilitateManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Facilitatemanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListFacilitateManagementAsync(intemployeeKey) | Get list of available data of Facilitatemanagement from database to ViewlModel |
| GetFacilitateManagementAsync(int id) | Get data of Facilitatemanagement from database. |
| SaveFacilitateManagementAsync(IntFacilitateManaKey) | Insert data of Facilitatemanagement to database. |
| DeleteFacilitateManagementAsync(IntFacilitateManaKeyobj) | Remove data of Facilitatemanagement to database. |

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| ***HRMService*** |  |
| **Function** | **Description** |
| GetHRM\_FacilitateManagement(intFacilitateManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Select transaction. |
| InsertHRM\_FacilitateManagement(intFacilitateManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Insert transaction. |
| UpdateHRM\_FacilitateManagement(intFacilitateManaKey) | SQL statement is generated from ViewModel player and dispatch to this layer to execute Update transaction. |
| DeleteHRM\_FacilitateManagement(intFacilitateManaKey) | 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_Faci;ita.jpg |

* 1. Sequence Diagram
     1. List Facilitate Management Diagram



* + 1. Edit Facilitate Management Diagram

