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

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

1. **Function list**

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

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

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| ***ListWorkManagementViewModel*** |  |
| **Function** | **Description** |
| GetListWorkManagementComplete(intemployeeKey) | Get list of available data of Workmanagementto List View |
| GetWorkManagementtByKeyComplete(int id, stringkeyName) | Check WorkManakey insertedwith available WorkManakey in database. |
| DeleteWorkManagementComplete(IntWorkKey) | Delete list data of Workmanagement from database |
| Reload() | Getavailable data of Workmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| --- | --- |
| ***EditWorkManagementViewModel*** |  |
| **Function** | **Description** |
| SaveWorkManagementComplete(IntWorkKey) | Store data of WorkManagement to database |
| GetWorkManagementComplete(int id) | Get list of available data of Workmanagementto Edit View |
| GetWorkManagementByKeyComplete(int id, stringkeyName) | Check WorkManakey inserted with available WorkManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Workmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListWorkManagementAsync(intemployeeKey) | Get list of available data of Workmanagement from database to ViewlModel |
| GetWorkManagementAsync(int id) | Get data of Workmanagement from database. |
| SaveWorkManagementAsync(IntWorkKey) | Insert data of Workmanagement to database. |
| DeleteWorkManagementAsync(IntWorkKey) | Remove data of Workmanagement to database. |

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

* 1. Sequence Diagram
     1. List Work Management Diagram



* + 1. Edit Work Management Diagram

