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

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

1. **Function list**

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

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

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| ***ListTrainingResultInformationManagementViewModel*** |  |
| **Function** | **Description** |
| GetListTrainingResultInformationManagementComplete(intemployeeKey) | Get list of available data of TrainingResultInformationmanagementto List View |
| GetTrainingResultInformationManagementtByKeyComplete(int id, stringkeyName) | Check TrainingResultInformationManakey insertedwith available TrainingResultInformationManakey in database. |
| DeleteTrainingResultInformationManagementComplete(IntTrainingResultKey) | Delete list data of TrainingResultInformationmanagement from database |
| Reload() | Getavailable data of TrainingResultInformationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditTrainingResultInformationManagementViewModel*** |  |
| **Function** | **Description** |
| SaveTrainingResultInformationManagementComplete(IntTrainingResultKey) | Store data of TrainingResultInformationManagement to database |
| GetTrainingResultInformationManagementComplete(int id) | Get list of available data of TrainingResultInformationmanagementto Edit View |
| GetTrainingResultInformationManagementByKeyComplete(int id, stringkeyName) | Check TrainingResultInformationManakey inserted with available TrainingResultInformationManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of TrainingResultInformationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListTrainingResultInformationManagementAsync(intemployeeKey) | Get list of available data of TrainingResultInformationmanagement from database to ViewlModel |
| GetTrainingResultInformationManagementAsync(int id) | Get data of TrainingResultInformationmanagement from database. |
| SaveTrainingResultInformationManagementAsync(IntTrainingResultKey) | Insert data of TrainingResultInformationmanagement to database. |
| DeleteTrainingResultInformationManagementAsync(IntTrainingResultKey) | Remove data of TrainingResultInformationmanagement to database. |

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

* 1. Sequence Diagram
     1. List TrainingResultInformation Management Diagram



* + 1. Edit TrainingResultInformation Management Diagram

