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

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

1. **Function list**

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

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

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| ***ListTraningCourseInformationManagementViewModel*** |  |
| **Function** | **Description** |
| GetListTraningCourseInformationManagementComplete(intemployeeKey) | Get list of available data of TraningCourseInformationmanagementto List View |
| GetTraningCourseInformationManagementtByKeyComplete(int id, stringkeyName) | Check TraningCourseInformationManakey insertedwith available TraningCourseInformationManakey in database. |
| DeleteTraningCourseInformationManagementComplete(IntTrainingCourseKey) | Delete list data of TraningCourseInformationmanagement from database |
| Reload() | Getavailable data of TraningCourseInformationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditTraningCourseInformationManagementViewModel*** |  |
| **Function** | **Description** |
| SaveTraningCourseInformationManagementComplete(IntTrainingCourseKey) | Store data of TraningCourseInformationManagement to database |
| GetTraningCourseInformationManagementComplete(int id) | Get list of available data of TraningCourseInformationmanagementto Edit View |
| GetTraningCourseInformationManagementByKeyComplete(int id, stringkeyName) | Check TraningCourseInformationManakey inserted with available TraningCourseInformationManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of TraningCourseInformationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListTraningCourseInformationManagementAsync(intemployeeKey) | Get list of available data of TraningCourseInformationmanagement from database to ViewlModel |
| GetTraningCourseInformationManagementAsync(int id) | Get data of TraningCourseInformationmanagement from database. |
| SaveTraningCourseInformationManagementAsync(IntTrainingCourseKey) | Insert data of TraningCourseInformationmanagement to database. |
| DeleteTraningCourseInformationManagementAsync(IntTrainingCourseKey) | Remove data of TraningCourseInformationmanagement to database. |

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

* 1. Sequence Diagram
     1. List TraningCourseInformation Management Diagram



* + 1. Edit TraningCourseInformation Management Diagram

