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| **SOFTWARE DETAIL DESIGN DOCUMENT** |
| DD\_InternalTrainingManagement |
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Contents

[1. File list 3](#_Toc324336737)

[2. Function list 3](#_Toc324336739)

[3. Detail Design 4](#_Toc324336740)

[3.1. Client Class Diagram 4](#_Toc324336741)

[3.2. Business Class Diagram 5](#_Toc324336743)

[3.3. Entity Diagram 6](#_Toc324336745)

[3.4. Sequence Diagram 7](#_Toc324336747)

[3.4.1. List InternalTraining Management Diagram 7](#_Toc324336748)

[3.4.2. Edit InternalTraining Management Diagram 8](#_Toc324336749)

1. **File list**

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

1. **Function list**

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

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

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| ***ListInternalTrainingManagementViewModel*** |  |
| **Function** | **Description** |
| GetListInternalTrainingManagementComplete(intemployeeKey) | Get list of available data of InternalTrainingmanagementto List View |
| GetInternalTrainingManagementtByKeyComplete(int id, stringkeyName) | Check InternalTrainingManakey insertedwith available InternalTrainingManakey in database. |
| DeleteInternalTrainingManagementComplete(IntInternalTrainingManaKey) | Delete list data of InternalTrainingmanagement from database |
| Reload() | Getavailable data of InternalTrainingmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditInternalTrainingManagementViewModel*** |  |
| **Function** | **Description** |
| SaveInternalTrainingManagementComplete(IntInternalTrainingManaKey) | Store data of InternalTrainingManagement to database |
| GetInternalTrainingManagementComplete(int id) | Get list of available data of InternalTrainingmanagementto Edit View |
| GetInternalTrainingManagementByKeyComplete(int id, stringkeyName) | Check InternalTrainingManakey inserted with available InternalTrainingManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of InternalTrainingmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListInternalTrainingManagementAsync(intemployeeKey) | Get list of available data of InternalTrainingmanagement from database to ViewlModel |
| GetInternalTrainingManagementAsync(int id) | Get data of InternalTrainingmanagement from database. |
| SaveInternalTrainingManagementAsync(IntInternalTrainingManaKey) | Insert data of InternalTrainingmanagement to database. |
| DeleteInternalTrainingManagementAsync(IntInternalTrainingManaKey) | Remove data of InternalTrainingmanagement to database. |

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

* 1. Sequence Diagram
     1. List InternalTraining Management Diagram



* + 1. Edit InternalTraining Management Diagram

