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

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

1. **Function list**

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

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

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| ***ListLecturerProbationManagementViewModel*** |  |
| **Function** | **Description** |
| GetListLecturerProbationManagementComplete(intemployeeKey) | Get list of available data of LecturerProbationmanagementto List View |
| GetLecturerProbationManagementtByKeyComplete(int id, stringkeyName) | Check LecturerProbationManakey insertedwith available LecturerProbationManakey in database. |
| DeleteLecturerProbationManagementComplete(IntLectureProbationManaKey) | Delete list data of LecturerProbationmanagement from database |
| Reload() | Getavailable data of LecturerProbationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

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| ***EditLecturerProbationManagementViewModel*** | |  | |
| **Function** | | **Description** | |
| SaveLecturerProbationManagementComplete(IntLectureProbationManaKey) | | Store data of LecturerProbationManagement to database | |
| GetLecturerProbationManagementComplete(int id) | | Get list of available data of LecturerProbationmanagementto Edit View | |
| GetLecturerProbationManagementByKeyComplete(int id, stringkeyName) | | Check LecturerProbationManakey inserted with available LecturerProbationManakey in database. | |
| CheckInputData() | | Check if user input wrong data or lack | |
| Readload() | | Get available data of LecturerProbationmanagement from database | |
| LoadInitComplete() | | Display data from Reload() to List View | |
| ***ExpandInformationModel*** |  | |
| **Function** | **Description** | |
| GetListLecturerProbationManagementAsync(intemployeeKey) | Get list of available data of LecturerProbationmanagement from database to ViewlModel | |
| GetLecturerProbationManagementAsync(int id) | Get data of LecturerProbationmanagement from database. | |
| SaveLecturerProbationManagementAsync(IntLectureProbationManaKey) | Insert data of LecturerProbationmanagement to database. | |
| DeleteLecturerProbationManagementAsync(IntLectureProbationManaKey) | Remove data of LecturerProbationmanagement to database. | |

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

* 1. Sequence Diagram
     1. List LecturerProbation Management Diagram



* + 1. Edit LecturerProbation Management Diagram

