**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE**

DD\_MasterThesisGuideline

Version 1.0, issued date …..

**ABSTRACT**

This document is intended to be the SRS and ADD for developing

**PERSONAL INFORMATION (HRM\_PIM)**

**PROPRIETARY INFORMATION**: The information contained in this document is the property of **HRM\_PIM** . Except as specifically authorized in writing by **HRM\_PIM**, the holder of this document shall keep all information contained herein confidential and shall protect same in whole or in part from disclosure and dissemination to all third parties.

Contents

[1. File list 3](#_Toc324337055)

[2. Function list 3](#_Toc324337057)

[3. Detail Design 4](#_Toc324337058)

[3.1. Client Class Diagram 4](#_Toc324337059)

[3.2. Business Class Diagram 5](#_Toc324337061)

[3.3. Entity Diagram 5](#_Toc324337063)

[3.4. Sequence Diagram 6](#_Toc324337065)

[3.4.1. List MasterThesisGuideline Diagram 6](#_Toc324337066)

[3.4.2. Edit MasterThesisGuideline Diagram 7](#_Toc324337067)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListMasterThesisGuidelineViewModel*** |  |
| **Function** | **Description** |
| GetListMasterThesisGuidelineComplete() | Get list of available data of MasterThesisGuideline to List View |
| GetMasterThesisGuidelinetByKeyComplete () | Check SubjectManakey inserted with available SubjectManakey in database. |
| DeleteMasterThesisGuidelineComplete() | Delete list data of MasterThesisGuideline from database |
| Reload() | Get available data of MasterThesisGuideline from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditMasterThesisGuidelineViewModel*** |  |
| **Function** | **Description** |
| SaveMasterThesisGuidelineComplete() | Store data of MasterThesisGuideline to database |
| GetMasterThesisGuidelineComplete() | Get list of available data of MasterThesisGuideline to Edit View |
| GetMasterThesisGuidelineByKeyComplete() | Check SubjectManakey inserted with available SubjectManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of MasterThesisGuideline from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListMasterThesisGuidelineAsync() | Get list of available data of MasterThesisGuideline from database to ViewlModel |
| GetMasterThesisGuidelineAsync() | Get data of MasterThesisGuideline from database. |
| SaveMasterThesisGuidelineAsync() | Insert data of MasterThesisGuideline to database. |
| DeleteMasterThesisGuidelineAsync() | Remove data of MasterThesisGuideline to database. |

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

|  |  |
| --- | --- |
| C:\Users\DangNguyen\Desktop\HRM Image\HRM_employee.jpg | C:\Users\DangNguyen\Desktop\HRM Image\HRM_master.jpg |

* 1. Sequence
     1. List MasterThesisGuideline Diagram



* + 1. Edit MasterThesisGuideline Diagram

