**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_TaskNotebookManagement

Version 1.0, issued date …..

**ABSTRACT**

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

**PERSONAL INFORMATION MANAGEMENT (HRM\_PIM)**

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1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListTaskNotebookManagementViewModel*** |  |
| **Function** | **Description** |
| GetListTaskNotebookManagementComplete() | Get list of available data of TaskNotebookmanagement to List View |
| GetTaskNotebookManagementtByKeyComplete () | Check TaskNotebookManakey inserted with available TaskNotebookManakey in database. |
| DeleteTaskNotebookManagementComplete() | Delete list data of TaskNotebookmanagement from database |
| Reload() | Get available data of TaskNotebookmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditTaskNotebookManagementViewModel*** |  |
| **Function** | **Description** |
| SaveTaskNotebookManagementComplete() | Store data of TaskNotebookManagement to database |
| GetTaskNotebookManagementComplete() | Get list of available data of TaskNotebookmanagement to Edit View |
| GetTaskNotebookManagementByKeyComplete() | Check TaskNotebookManakey inserted with available TaskNotebookManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of TaskNotebookmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListTaskNotebookManagementAsync() | Get list of available data of TaskNotebookmanagement from database to ViewlModel |
| GetTaskNotebookManagementAsync() | Get data of TaskNotebookmanagement from database. |
| SaveTaskNotebookManagementAsync() | Insert data of TaskNotebookmanagement to database. |
| DeleteTaskNotebookManagementAsync() | Remove data of TaskNotebookmanagement to database. |

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

* 1. Sequence Diagram
     1. List TaskNotebook Management Diagram



* + 1. Edit TaskNotebook Management Diagram

