**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_PenaltyManagement

Version 1.0, issued date …..

**ABSTRACT**

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

**PERSONAL INFORMATION MANAGEMENT (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.

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1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListPenaltyManagementViewModel*** |  |
| **Function** | **Description** |
| GetListPenaltyManagementComplete() | Get list of available data of Penaltymanagement to List View |
| GetPenaltyManagementtByKeyComplete () | Check PenaltyManakey inserted with available PenaltyManakey in database. |
| DeletePenaltyManagementComplete() | Delete list data of Penaltymanagement from database |
| Reload() | Get available data of Penaltymanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditPenaltyManagementViewModel*** |  |
| **Function** | **Description** |
| SavePenaltyManagementComplete() | Store data of PenaltyManagement to database |
| GetPenaltyManagementComplete() | Get list of available data of Penaltymanagement to Edit View |
| GetPenaltyManagementByKeyComplete() | Check PenaltyManakey inserted with available PenaltyManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Penaltymanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListPenaltyManagementAsync() | Get list of available data of Penaltymanagement from database to ViewlModel |
| GetPenaltyManagementAsync() | Get data of Penaltymanagement from database. |
| SavePenaltyManagementAsync() | Insert data of Penaltymanagement to database. |
| DeletePenaltyManagementAsync() | Remove data of Penaltymanagement to database. |

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

* 1. Sequence Diagram
     1. List Penalty Management Diagram



* + 1. Edit Penalty Management Diagram

