**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_EmulationManagement

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 Emulationmanagement in File List*](../../HRM_File%20List.xlsx)

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListEmulationManagementViewModel*** |  |
| **Function** | **Description** |
| GetListEmulationManagementComplete(int employeeKey) | Get list of available data of Emulationmanagement to List View |
| GetEmulationManagementtByKeyComplete (int id, string keyName) | Check EmulationManakey inserted with available EmulationManakey in database. |
| DeleteEmulationManagementComplete(Int EmulationKey) | Delete list data of Emulationmanagement from database |
| Reload() | Get available data of Emulationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditEmulationManagementViewModel*** |  |
| **Function** | **Description** |
| SaveEmulationManagementComplete(Int EmulationKey) | Store data of EmulationManagement to database |
| GetEmulationManagementComplete(int id) | Get list of available data of Emulationmanagement to Edit View |
| GetEmulationManagementByKeyComplete(int id, string keyName) | Check EmulationManakey inserted with available EmulationManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Emulationmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListEmulationManagementAsync(int employeeKey) | Get list of available data of Emulationmanagement from database to ViewlModel |
| GetEmulationManagementAsync(int id) | Get data of Emulationmanagement from database. |
| SaveEmulationManagementAsync(int EmulationKey) | Insert data of Emulationmanagement to database. |
| DeleteEmulationManagementAsync(int EmulationKey) | Remove data of Emulationmanagement to database. |

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

* 1. Sequence Diagram
     1. List Emulation Management Diagram



* + 1. Edit Emulation Management Diagram

