**SOFTWARE DETAIL DESIGN DOCUMENT**

**HUMAN RESOURCE MANAGEMENT**

DD\_ArticalManagement

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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Contents

[1. File list 2](#_Toc324334944)

[2. Function list 2](#_Toc324334946)

[3. Detail Design 4](#_Toc324334947)

[3.1. Client Class Diagram 4](#_Toc324334948)

[3.2. Business Class Diagram 4](#_Toc324334950)

[3.3. Entity Diagram 4](#_Toc324334952)

[3.4. Sequence Diagram 5](#_Toc324334954)

[3.4.1. List Artical Management Diagram 5](#_Toc324334955)

[3.4.2. Edit Artical Management Diagram 6](#_Toc324334956)

1. **File list**

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

1. **Function list**

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

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

|  |  |
| --- | --- |
| ***ListArticalManagementViewModel*** |  |
| **Function** | **Description** |
| GetListArticalManagementComplete() | Get list of available data of Articalmanagement to List View |
| GetArticalManagementtByKeyComplete () | Check ArticalManakey inserted with available ArticalManakey in database. |
| DeleteArticalManagementComplete() | Delete list data of Articalmanagement from database |
| Reload() | Get available data of Articalmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***EditArticalManagementViewModel*** |  |
| **Function** | **Description** |
| SaveArticalManagementComplete() | Store data of ArticalManagement to database |
| GetArticalManagementComplete() | Get list of available data of Articalmanagement to Edit View |
| GetArticalManagementByKeyComplete() | Check ArticalManakey inserted with available ArticalManakey in database. |
| CheckInputData() | Check if user input wrong data or lack |
| Readload() | Get available data of Articalmanagement from database |
| LoadInitComplete() | Display data from Reload() to List View |

|  |  |
| --- | --- |
| ***ExpandInformationModel*** |  |
| **Function** | **Description** |
| GetListArticalManagementAsync() | Get list of available data of Articalmanagement from database to ViewlModel |
| GetArticalManagementAsync() | Get data of Articalmanagement from database. |
| SaveArticalManagementAsync() | Insert data of Articalmanagement to database. |
| DeleteArticalManagementAsync() | Remove data of Articalmanagement to database. |

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

* 1. Sequence Diagram
     1. List Artical Management Diagram



* + 1. Edit Artical Management Diagram

