1. **Function Requirement Overview**

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| --- | --- | --- |
| ID | Use case | Descriptions |
| UC01 | Group Account Management | Module manages information about group account. |
| UC02 | Account Management | Module manages information about group account. |
| UC03 | Sale Transaction | Module contains all functions for the sale of the company |
| UC04 | Statistic and Report | Module performs the statistical analysis on the sales records of all Stores in real-time manner. |
| UC05 | Product Category Management | Module manages information about product type of POST system |
| UC06 | Product Management | Module manages information about product of POST system |
| UC07 | Price Management | Module manages information about product price of POST system |
| UC08 | Store Management | Module contains all functions for Stores |
| UC09 | Customer Management | Module manages information about Customer of the POST system |
| UC10 | Log In | Module allow user login system |
| UC11 | Log Out | Module allow user logout system |
| UC12 | Change Password | Module allow user to change password |

1. **Group Account Management**



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| --- | --- | --- |
| ID | Use case | Description |
| UC01.3 | Add New Group Account List | * This function allows head office manager to add a group account list. |
| UC01.1 | Search/View Group Account List | * This function allows head office manager to search and view group account list of system. |
| UC01.2 | View Detail Group | * This function allows head office manager to view detail group account information. |
| UC01.4 | Edit Group | * This function allows head office manager to edit group account. |

1. **Account Management**



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| --- | --- | --- |
| ID | Use case | Description |
| UC02.3 | Add New Account | * This function allows head office manager to add an account. |
| UC02.1 | Search/View Account | * This function allows head office manager to search and view account of system. * This function allows store manager to search and view account of this Store. |
| UC02.2 | View Detail Account | * This function allows head office manager and Store manager to view detail account information. |
| UC02.4 | Edit Account | * This function allows head office manager and store manager to edit account. |

1. **Sale Transaction**



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| --- | --- | --- |
| ID | Use case | Description |
| UC03.1 | Sale by Cash | This function allows cashier to implement transaction sale by cash |
| UC03.2 | Sale by Point | This function allows cashier to sale by point. |
| UC03.3 | Sale by Cash and Point | This function allows cashier to sale by point and point |

1. **Statistic and Report**



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| --- | --- | --- |
| ID | Use case | Description |
| UC04.1 | Analysis and Statistic | This function allows head office manager to perform analysis and statistic status sale of system. |
| UC04.2 | Export Report | This function allows head office manager to perform export report then analysis and statistic. |

1. **Product Category Management**



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| --- | --- | --- |
| ID | Use case | Description |
| UC05.1 | Search/view list Product Category | This function allows head office manager search/view list product category  This function allows store administrator search/view list product category |
| UC05.2 | Update Product Category | This function allows head office manager to update product category information. |
| UC05.3 | Create product type | This function allows head office manager to create product category information |

1. **Product Management**



|  |  |  |
| --- | --- | --- |
| ID | Use case | Description |
| UC06.1 | Search/view list Product | This function allows head office manager search/view list product  This function allows store manager search/view list product |
| UC06.2 | Update product | This function allows head office manager to update product information. |
| UC06.3 | Create product | This function allows head office manager to create product information. |

1. **Price Management**



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| --- | --- | --- |
| ID | Use case | Description |
| UC07.1 | Create Root Price | This function allows head office manager create root price |
| UC07.2 | Create Retail Price | This function allows head office manager to create retail price.  This function allows store manager create retail price. |

1. **Store Management**



|  |  |  |
| --- | --- | --- |
| ID | Use case | Description |
| UC08.2 | Add Store | This function allows head office manager to add a Store. |
| UC08.1 | Search/View Store List | This function allows head office manager to search and view Store list. |
| UC08.3 | Update Store | This function allows head office manager to update store. |

1. **Customer Management**



|  |  |  |
| --- | --- | --- |
| ID | Use case | Description |
| UC09.1 | Search/View Customer List | * This function allows head office manager to search and view customer list of all system. * This function allows Store manager to search and view customer list of this Store. |
| UC09.2 | View Detail customer | * This function allows head office manager and Store manager to view detail customer information |
| UC09.3 | Add New customer | * This function allows head office manager to add a customer. |
| UC09.4 | Edit customer | * This function allows head office manager and store manager to edit customer. |

## Technical Constraint

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| --- | --- | --- |
| ID | Constraint name | Constraint description |
| TC.01 | Programming language | MVC 3, ASP.NET framework, SQL Server 2008. |
| TC.02 | Device | Using laptop to simulate the system |
| TC.03 | Platform | Intel based processor running Windows  Web-based application |
| TC.04 | Network | Using Internet with supported browser |

## Business Constraint

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| ID | Constraint name | Constraint description |
| BC.06 | Resources’ limitation | Human resource are 5 people. |
| BC.07 | Time limitation | The schedule is in a month  Rework in 2 weeks. |