แหล่งเก็บข้อมูลของระบบ TOD (Tour Of Duty) ดังแสดงตาราง

| Table Name | Description |
| --- | --- |
| Config | The System Configuration |
| ViewHistory | The View Update history information |
| MCardAllow | The master table for Card Allow (i.e. Card DMT P1, Card DMT P2) |
| MCoupon | The master table for Coupon information |
| MCouponBook | The master table for Coupon Book information |
| MCurrency | The master table for Currency information |
| TSB | The TSB information |
| PlazaGroup | The Plaza Group (route direction) information |
| Plaza | The Plaza information |
| Lane | The Plaza’s Lane information |
| Role | The User’ role information |
| User | The User (or staff) information |
| UserAccess | The User Access information |
| Shift | The Shift information |
| TSBShift | The TSB Shift (Chief) transaction |
| UserShift | The User Shift (Collector) transaction |
| UserShiftRevenue | The Revenue Shift (Collector) transaction |
| RevenueEntry | The Revenue Entry transaction |

ตาราง 1 แหล่งเก็บข้อมูลของระบบ TOD

1. Config

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| Key | Primary Key | varchar(30) | Config key |
| Value |  | varchar(100) | Config value |

1. ViewHistory

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| ViewName | Primary Key | varchar(100) | View Name |
| VersionId |  | integer | update version number |

1. MCardAlow

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| CardAllowId | Primary Key | integer | The card allow id |
| Abbreviation |  | varchar | The abbreviation |
| Description |  | varchar | The description |
| ActiveStatus |  | integer | The active status |

1. MCoupon

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| CouponId | Primary Key | integer | The coupon id |
| CouponValue |  | float | The coupon value |
| Abbreviation |  | varchar | The abbreviation |
| Description |  | varchar | The description |
| ActiveStatus |  | integer | The active status |

1. MCouponBook

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| CouponBookId | Primary Key | integer | The coupon book id |
| CouponBookValue |  | float | The coupon book value |
| Abbreviation |  | varchar | The abbreviation |
| Description |  | varchar | The description |
| ActiveStatus |  | integer | The active status |

1. MCurrency

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| CurrencyDemonId | Primary Key | integer | The Currency Type Id |
| CurrencyId |  | Integer | The Currency Id |
| DemonTypeId |  | Integer | The demon type Id |
| DemonValue |  | float | The demon value |
| Abbreviation |  | varchar | The abbreviation |
| Description |  | varchar | The description |
| ActiveStatus |  | integer | The active status |

1. TSB

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| TSBId | Primary Key | varchar(10) | TSB Id. |
| NetworkId |  | varchar(10) | Network Id. |
| TSBNameEN |  | varchar(100) | TSB Name (English) |
| TSBNameTH |  | varchar(100) | TSB Name (Thai) |
| Active |  | integer | Value = 1 for active  Value = 0 for inactive |
| UserId | Indexed | varchar(10) | The user id |
| FullNameEN |  | varchar(150) | User Full Name (English) |
| FullNameTH |  | varchar(150) | User Full Name (Thai) |
| UpdateDate |  | datetime | Reserved |
| MaxCredit |  | float | Max TSB Credit |
| LowLimitST25 |  | float | The lower limit for ST25 |
| LowLimitST50 |  | float | The lower limit for ST50 |
| LowLimitBHT1 |  | float | The lower limit for BHT1 |
| LowLimitBHT2 |  | float | The lower limit for BHT2 |
| LowLimitBHT5 |  | float | The lower limit for BHT5 |
| LowLimitBHT10 |  | float | The lower limit for BHT10 |
| LowLimitBHT20 |  | float | The lower limit for BHT20 |
| LowLimitBHT50 |  | float | The lower limit for BHT50 |
| LowLimitBHT100 |  | float | The lower limit for BHT100 |
| LowLimitBHT500 |  | float | The lower limit for BHT500 |
| LowLimitBHT1000 |  | float | The lower limit for BHT1000 |

1. PlazaGroup

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| PlazaGroupId | Primary Key | varchar(10) | Plaza Group Id. |
| PlazaGroupNameEN |  | varchar(100) | Plaza Group Name (English) |
| PlazaGroupNameTH |  | varchar(100) | Plaza Group Name (Thai) |
| Direction |  | varchar(10) | Allow Vaue  IN, OUT, ? |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id (Table 7 TSB) |

1. Plaza

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| PlazaId | Primary Key | varchar(10) | Plaza Id. |
| SCWPlazaId |  | Integer | SCW Plaza Id |
| PlazaNameEN |  | varchar(100) | Plaza Name (English) |
| PlazaNameTH |  | varchar(100) | Plaza Name (Thai) |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id. (Table 7 TSB) |
| PlazaGroupId | Foreign Key, Indexed | varchar(10) | Plaza Group Id. (Table 8 PlazaGroup) |

1. Lane

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| PkId | Primary Key | integer | Primary Key (auto). |
| LaneNo |  | integer | Lane Number. |
| LaneId |  | varchar(10) | Lane Id. |
| LaneType |  | varchar(10) | Lane Type. |
| LaneAbbr |  | varchar(10) | Lane Abbr. |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id. (Table 7 TSB) |
| PlazaGroupId | Foreign Key, Indexed | varchar(10) | Plaza Group Id. (Table 8 PlazaGroup) |
| PlazaId | Foreign Key, Indexed | varchar(10) | Plaza Id. (Table 9 Plaza) |

1. Role

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| RoleId | Primary Key | varchar(20) | Role Id. Value (TC, CTC) |
| GroupId | Indexed | integer | Group Id. |
| RoleNameEN |  | varchar(50) | Role Name (English). |
| RoleNameTH |  | varchar(50) | Role Name (Thai). |

1. User

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| UserId | Primary Key | varchar(10) | User Id. |
| PrefixEN |  | varchar(20) | Prefix (English) |
| FirstNameEN |  | varchar(50) | First Name (English) |
| MiddleNameEN |  | varchar(20) | Middle Name (English) |
| LastNameEN |  | varchar(50) | Last Name (English) |
| PrefixTH |  | varchar(20) | Prefix (Thai) |
| FirstNameTH |  | varchar(50) | First Name (Thai) |
| MiddleNameTH |  | varchar(20) | Middle Name (Thai) |
| LastNameTH |  | varchar(50) | Last Name (Thai) |
| Password |  | varchar(50) | Password (in MD5) |
| CardId | Indexed | varchar(20) | Card Serial Number |
| ADUserName | Indexed | Varchar(40) | Reserved |
| RoleId | Foreign Key, Indexed | varchar(20) | Role Id. (Table 11 Role) |
| PasswordDate |  | datetime | Password create date. |
| ExpireDays |  | integer | expire days |
| AccountStatus |  | integer | Reserved |
| IsDummy |  | integer | Reserved |

1. UserAccess

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| UserId | Primary Key | varchar(10) | The User Id |
| LastAccessDate |  | datetime | The last access date time. |
| LastNofifyDate |  | datetime | The last notify date time. |
| LastLockDate |  | datetime | The last user account lock date time. |
| FailCount |  | integer | The No. of log in failed count. |

1. Shift

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| ShiftId | Primary Key | integer | The Shift Id (Value 1-3) |
| ShiftNameTH |  | varchar(50) | The Shift Name (English) |
| ShiftNameEN |  | varchar(50) | The Shift Name (Thai) |
| TimeStart |  | Datetime | The default shift start time |
| TimeEnd |  | Datetime | The default shift end time |
| ChiefStart |  | datetime | The default chief shift start time |
| ChiefEnd |  | datetime | The default chief shift end time |

1. TSBShift

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| TSBShiftId | Primary Key | integer | Primary Key (auto) |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id. (Table 7 TSB) |
| ShiftId | Foreign Key, Indexed | integer | Shift Id. (Table 13 Shift) |
| UserId | Foreign Key, Indexed | varchar(10) | User Id (CTC). (Table 12 User) |
| Begin | Indexed | datetime | Start of Shift date time |
| End | Indexed | datetime | End of Shift date time |
| ToTAServer |  | integer | Reserved |

1. UserShift

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| UserShiftId | Primary Key | integer | Primary Key (auto) |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id. (Table 7 TSB) |
| ShiftId | Foreign Key, Indexed | integer | Shift Id. (Table 13 Shift) |
| UserId | Foreign Key, Indexed | varchar(10) | User Id (TC) (Table 12 User) |
| Begin |  | datetime | Start of Shift date time |
| End |  | datetime | End of Shift date time |
| ToTAServer |  | integer | Reserved |

1. UserShiftRevenue

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| PKId | Primary Key | varchar(36) | Primary Kay (GUID) |
| UserShiftId | Foreign Key, Indexed | integer | User Shift Id. (Table 15 UserShift) |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id. (Table 7 TSB) |
| PlazaGroupId | Foreign Key, Indexed | varchar(10) | Plaza Group Id. (Table 8 PlazaGroup) |
| UserId | Foreign Key, Indexed | varchar(10) | User Id (TC, CTC). (Table 12 User) |
| ShiftId | Foreign Key, Indexed | integer | Shift Id. (Table 13 Shift) |
| RevenueId | Indexed | varchar(20) | Revenue Running No. |
| RevenueDate | Indexed | datetime | Revenue Entry date. |

1. RevenueEntry

| Field Name | Key | Data Type | Description |
| --- | --- | --- | --- |
| PKId | Primary Key | varchar(36) | Primary Kay (GUID) |
| EntryDate | Indexed | datetime | Entry date. |
| RevenueDate | Indexed | datetime | Revenue date. |
| RevenueId | Indexed | varchar(20) | Revenue Running No. |
| BagNo | Indexed | varchar(10) | Bag Number. |
| BeltNo | Indexed | varchar(20) | Security Belt Number. |
| IsHistorical |  | Integer | Is historical entry |
| Lanes |  | varchar(100) | List of Lanes. |
| PlazaNames |  | varchar(100) | List of Plazas. |
| ShiftBegin |  | datetime | Begin of shift date time |
| ShiftEnd |  | datetime | End of shift date time |
| TSBId | Foreign Key, Indexed | varchar(10) | TSB Id (Table 7 TSB) |
| PlazaGroupId | Foreign Key, Indexed | varchar(10) | Plaza Group Id (Table 8 PlazaGroup) |
| ShiftId | Foreign Key, Indexed | integer | Shift Id (Table 13 Shift) |
| UserId | Foreign Key, Indexed | varchar(10) | User Id (TC, CTC) (Table 12 User) |
| CollectorNameEN |  | varchar(150) | Collector Name (English) |
| CollectorNameTH |  | varchar(150) | Collector Name (Thai) |
| SupervisorId | Indexed | varchar(10) | Supervisor (chief) Id. |
| SupervisorNameEN |  | varchar(150) | Chief Name (English) |
| SupervisorNameTH |  | varchar(150) | Chief Name (Thai) |
| TrafficST25 |  | integer | Number of .25 ST coin. |
| TrafficST50 |  | integer | Number of .50 ST coin. |
| TrafficBHT1 |  | integer | Number of 1 BHT coin. |
| TrafficBHT2 |  | integer | Number of 2 BHT coin. |
| TrafficBHT5 |  | integer | Number of 5 BHT coin. |
| TrafficBHT10 |  | integer | Number of 10 BHT coin. |
| TrafficBHT20 |  | integer | Number of 20 BHT bill. |
| TrafficBHT50 |  | integer | Number of 50 BHT bill. |
| TrafficBHT100 |  | integer | Number of 100 BHT bill. |
| TrafficBHT500 |  | integer | Number of 500 BHT bill. |
| TrafficBHT1000 |  | integer | Number of 1000 BHT bill. |
| TrafficBHTTotal |  | float | Total Traffic revenue amount in BHT |
| TrafficRemark |  | varchar(255) | Traffic revenue remark |
| OtherBHTTotal |  | float | Total Other revenue amount in BHT |
| OtherRemark |  | varchar(255) | Other revenue remark |
| NonRevenueBHTTotal |  | float | Total non revenue amount in BHT |
| NonRevenueRemark |  | varchar(255) | Non revenue remark |
| CouponUsageBHT30 |  | integer | Number of Coupon 30 BHT. |
| CouponUsageBHT35 |  | integer | Number of Coupon 35 BHT. |
| CouponUsageBHT60 |  | integer | Number of Coupon 60 BHT. |
| CouponUsageBHT70 |  | integer | Number of Coupon 70 BHT. |
| CouponUsageBHT80 |  | integer | Number of Coupon 80 BHT. |
| FreePassUsageClassA |  | integer | Number of Free Pass (Class A). |
| FreePassUsageOther |  | integer | Number of Free Pass (Other). |
| CouponSoldBHT35 |  | integer | Number of Coupon 35 BHT sold. |
| CouponSoldBHT80 |  | integer | Number of Coupon 80 BHT sold. |
| CouponSoldBHT35Factor |  | float | Coupon 35 BHT book sold price |
| CouponSoldBHT80Factor |  | float | Coupon 80 BHT book sold price |
| CouponSoldBHT35Total |  | float | Total amount of Coupon 35 sold in BHT |
| CouponSoldBHT80Total |  | float | Total amount of Coupon 80 sold in BHT |
| CouponSoldBHTTotal |  | float | Total amount of Coupon sold in BHT |
| Status |  | integer | Reserved |
| LastUpdate |  | datetime | Reserved |
| ToTAServer |  | integer | Reserved |