แหล่งเก็บข้อมูลของระบบ TOD (Tour Of Duty) ดังแสดงตาราง

| Table Name | Description |
| --- | --- |
| Config | The System Configuration |
| ViewHistory | The View Update history 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 |
| Shift | The Shift information |
| MCurrency | The Currency type information (master) |
| MCoupon | The Coupon type information (master) |
| Payment | The Payment type information |
| TSBShift | The TSB Shift (Chief) transaction |
| UserShift | The User Shift (Collector) transaction |
| LaneAttendance | The Lane attendance and depart transaction |
| LanePayment | The Lane payment transaction |
| UserShiftRevenue | The Revenue Shift (Collector) transaction |
| RevenueEntry | The Revenue Entry transaction |
| UserCredit  Balance | User Credit Balance |

ตาราง 1 แหล่งเก็บข้อมูลของระบบ TOD

1. Config

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

Initial Key

Network = 4

tsb = 97

terminal = 49701

1. ViewHistory

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

1. TSB

| Field Name | Data Type | Description |
| --- | --- | --- |
| TSBId | PK, varchar(10) | TSB Id. |
| NetworkId | varchar(10) | Network Id. |
| TSBNameEN | varchar(100) | TSB Name (English) |
| TSBNameTH | varchar(100) | TSB Name (Thai) |
| MaxCredit | float | Max credit balance |
| Active | integer | Value = 1 for active  Value = 0 for inactive |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. PlazaGroup

| Field Name | Data Type | Description |
| --- | --- | --- |
| PlazaGroupId | PK, varchar(10) | Plaza Group Id. |
| PlazaGroup  NameEN | varchar(100) | Plaza Group Name (English) |
| PlazaGroup  NameTH | varchar(100) | Plaza Group Name (Thai) |
| Direction | varchar(10) | Allow Vaue  IN, OUT, ? |
| TSBId | FK, varchar(10) | TSB Id |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. Plaza

| Field Name | Data Type | Description |
| --- | --- | --- |
| PlazaId | PK, varchar(10) | Plaza Id. |
| PlazaNameEN | varchar(100) | Plaza Name (English) |
| PlazaNameTH | varchar(100) | Plaza Name (Thai) |
| TSBId | FK, varchar(10) | TSB Id. |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id. |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. Lane

| Field Name | Data Type | Description |
| --- | --- | --- |
| PkId | PK, integer | Primary Key (auto). |
| LaneNo | integer | Lane Number. |
| LaneId | varchar(10) | Lane Id. |
| LaneType | varchar(10) | Lane Type. |
| LaneAbbr | varchar(10) | Lane Abbr. |
| TSBId | FK, varchar(10) | TSB Id. |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id. |
| PlazaId | FK, varchar(10) | Plaza Id. |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. Role

| Field Name | Data Type | Description |
| --- | --- | --- |
| RoleId | PK, varchar(20) | Role Id. Value (TC, CTC) |
| GroupId | integer | Group Id. |
| RoleNameEN | varchar(50) | Role Name (English). |
| RoleNameTH | varchar(50) | Role Name (Thai). |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. User

| Field Name | Data Type | Description |
| --- | --- | --- |
| UserId | 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 | varchar(20) | Card Serial Number |
| RoleId | FK, varchar(20) | Role Id. |
| PasswordDate | datetime | Password create date. |
| ExpireDays | integer | expire days |
| AccountStatus | integer | 0 = Valid  1 = Invalid |
| IsDummy | integer | 0 = Production data  1 = Dummy data |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. Shift

| Field Name | Data Type | Description |
| --- | --- | --- |
| ShiftId | PK, integer | The Shift Id (Value 1-3) |
| ShiftNameTH | varchar(50) | The Shift Name (English) |
| ShiftNameEN | varchar(50) | The Shift Name (Thai) |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. MCurrency

| Field Name | Data Type | Description |
| --- | --- | --- |
| currencyDenomId | integer | Currency Demon Id |
| currencyId | integer | Currency Id |
| denomTypeId | integer | Demon Type Id |
| denomValue | float | Currency Value |
| abbreviation | varchar | Short Description |
| description | varchar | Full Description |

1. MCoupon

| Field Name | Data Type | Description |
| --- | --- | --- |
| couponId | integer | Coupon Id |
| couponValue | float | Coupon Value |
| abbreviation | varchar | Short Description |
| description | varchar | Full Description |

1. Payment

| Field Name | Data Type | Description |
| --- | --- | --- |
| PaymentId | PK, varchar(20) | Payment Id |
| PaymentName  EN | varchar(50) | Payment Name (English) |
| PaymentName  TH | varchar(50) | Payment Name (Thai) |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. TSBShift

| Field Name | Data Type | Description |
| --- | --- | --- |
| TSBShiftId | PK, integer | Primary Key (auto) |
| TSBId | FK, varchar(10) | TSB Id. |
| ShiftId | FK, integer | Shift Id. |
| UserId | FK, varchar(10) | User Id (CTC). |
| FullNameEN | varchar(150) | Full Name (English) |
| FullNameTH | varchar(150) | Full Name (Thai) |
| Begin | datetime | Start of Shift date time |
| End | datetime | End of Shift date time |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. UserShift

| Field Name | Data Type | Description |
| --- | --- | --- |
| UserShiftId | PK, integer | Primary Key (auto) |
| TSBId | FK, varchar(10) | TSB Id. |
| ShiftId | FK, integer | Shift Id. |
| UserId | FK, varchar(10) | User Id (TC) |
| FullNameEN | varchar(150) | Full Name (English) |
| FullNameTH | varchar(150) | Full Name (Thai) |
| Begin | datetime | Start of Shift date time |
| End | datetime | End of Shift date time |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. LaneAttendance

| Field Name | Data Type | Description |
| --- | --- | --- |
| PKId | PK, varchar(36) | Priamry Key (GUID) |
| JobId | varchar(20) | Job Id from Lane |
| TSBId | FK, varchar(10) | TSB Id. |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id. |
| PlazaId | FK, varchar(10) | Plaza Id. |
| LaneId | FK, varchar(10) | Lane Id. |
| UserId | FK, varchar(10) | User Id (TC, CTC). |
| FullNameEN | varchar(150) | Full Name (English) |
| FullNameTH | varchar(150) | Full Name (Thai) |
| Begin | datetime | Begin of job date time |
| End | datetime | End of job date time |
| RevenueDate | datetime | Revenue date time. |
| RevenueId | varchar(20) | Revenue Running No. |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. LanePayment

| Field Name | Data Type | Description |
| --- | --- | --- |
| PKId | PK, varchar(36) | Primary Key (GUID). |
| ApproveCode | varchar(20) | Approve Code. |
| TSBId | FK, varchar(10) | TSB Id. |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id. |
| PlazaId | FK, varchar(10) | Plaza Id. |
| LaneNo | FK, integer | Lane Id. |
| UserId | FK, varchar(10) | User Id (TC, CTC). |
| FullNameEN | varchar(150) | Full Name (English) |
| FullNameTH | varchar(150) | Full Name (Thai) |
| PaymentId | FK, varchar(20) | Payment Id. |
| PaymentDate | datetime | Payment date time. |
| Amount | float | Amount of payment |
| Status | integer | Reserved |
| LastUpdate | datetime | Reserved |

1. UserShiftRevenue

| Field Name | Data Type | Description |
| --- | --- | --- |
| PKId | PK, varchar(36) | Primary Kay (GUID) |
| UserShiftId | FK, integer | User Shift Id. |
| TSBId | FK, varchar(10) | TSB Id. |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id. |
| UserId | FK, varchar(10) | User Id (TC, CTC). |
| FullNameEN | varchar(150) | Full Name (English) |
| FullNameTH | varchar(150) | Full Name (Thai) |
| ShiftId | FK, integer | Shift Id. |
| RevenueId | varchar(20) | Revenue Running No. |
| RevenueDate | datetime | Revenue Entry date. |
| Status | integer | Reserved. |
| LastUpdate | datetime | Reserved. |

1. RevenueEntry

| Field Name | Data Type | Description |
| --- | --- | --- |
| PKId | PK, varchar(36) | Primary Kay (GUID) |
| EntryDate | datetime | Entry date. |
| RevenueDate | datetime | Revenue date. |
| RevenueId | varchar(20) | Revenue Running No. |
| BagNo | varchar(10) | Bag Number. |
| BeltNo | varchar(20) | Security Belt Number. |
| 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 | FK, varchar(10) | TSB Id |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id |
| ShiftId | FK, integer | Shift Id |
| UserId | FK, varchar(10) | User Id (TC, CTC) |
| CollectorName  EN | varchar(150) | Collector Name (English) |
| CollectorName  TH | varchar(150) | Collector Name (Thai) |
| SupervisorId | varchar(10) | Supervisor (chief) Id. |
| ChiefNameEN | varchar(150) | Chief Name (English) |
| ChiefNameTH | 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 |
| CouponUsage  BHT30 | integer | Number of Coupon 30 BHT. |
| CouponUsage  BHT35 | integer | Number of Coupon 35 BHT. |
| CouponUsage  BHT70 | integer | Number of Coupon 70 BHT. |
| CouponUsage  BHT80 | integer | Number of Coupon 80 BHT. |
| FreePass  UsageClassA | integer | Number of Free Pass (Class A). |
| FreePass  UsageOther | integer | Number of Free Pass (Other). |
| CouponSold  BHT35 | integer | Number of Coupon 35 BHT sold. |
| CouponSold  BHT80 | integer | Number of Coupon 80 BHT sold. |
| CouponSold  BHT35Factor | float | Coupon 35 BHT book sold price |
| CouponSold  BHT80Factor | float | Coupon 80 BHT book sold price |
| CouponSold  BHT35Total | float | Total amount of Coupon 35 sold in BHT |
| CouponSold  BHT80Total | float | Total amount of Coupon 80 sold in BHT |
| CouponSold  BHTTotal | float | Total amount of Coupon sold in BHT |
| Status | integer | Value  0 = wait for sync to DC  1 = sync to DC success |
| LastUpdate | datetime | Update success sync date time |

1. UserCreditBalance

| Field Name | Data Type | Description |
| --- | --- | --- |
| UserCreditId | PK, integer | Primary Key (auto) |
| UserCreditDate | datetime |  |
| State | integer |  |
| BagNo | varchar(10) | Bag Number. |
| BeltNo | varchar(20) | Security Belt Number. |
| TSBId | FK, varchar(10) | TSB Id |
| PlazaGroupId | FK, varchar(10) | Plaza Group Id |
| UserId | FK, varchar(10) | User Id (TC, CTC) |
| Status | integer | Reserved. |
| LastUpdate | datetime | Reserved. |