Mony Dara

Create date: 01-June-2016

Room Management System

Data Dictionary

# Status

This table store all status in this system based on status type.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Integer |  |
|  | Status\_type | Status type | String |  |
|  | Name | Status name | String | Ex. Active , Inactive |
|  | Seq\_num | Sequence number | Integer | Order number of status |
|  | Description |  | String |  |

# Customer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Integer | Auto number |
|  | Customer\_name |  | String |  |
|  | National\_id |  | Int | Number of national id card |
|  | Dob |  | Date | Dob of customer |
|  | Address |  | Text | Customer’s address |
|  | City |  | Varchar | Note city where customer from |
|  | Mobile |  | Varchar | Phone contact number |
|  |  |  |  |  |

# Check in

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar |  |
|  | Arrival\_date |  | Datetime |  |
|  | No\_person | Number person | Int |  |
|  | Adult | Number of Adult | Int |  |
|  | Children | Number of children | Int |  |
|  | Male | Number of male person | Int |  |
|  | Femail | Number of female person | Int |  |
|  | No\_days | Number of days | Int | Number of days’ customer stay in hotel |
|  | Balance |  | Float | Amount of money customer deposit or make pre-payment |
|  | No\_room | Number of room | Int | Number customer rent room |
|  | Extra\_person |  | Int | Number of person over on number person allowance |
|  | Charge |  | Decimal | Charge for extra person |
|  | Check\_in\_time |  | Datetime |  |
|  | Customer\_name |  | Varchar |  |
|  | National\_id |  | Int | Number of national id card |
|  | Dob |  | Date | Dob of customer |
|  | Address |  | Text | Customer’s address |
|  | City |  | Varchar | Note city where customer from |
|  | Mobile |  | Varchar | Phone contact number |
|  | Discount\_percentage |  | Decimal | Discount in percentage |
|  | Discount |  | Decimal | Discount amount |
|  | Hourly\_check\_in |  | Datetime | Customer check-in in type hour |
|  | Monthly\_check\_in |  | Datetime | Customer check-in in type monthly |
|  | Estimated\_check\_out |  | Datetime |  |
|  | Status\_code |  | Int |  |
|  | Created\_by |  | Varchar | Record first name and last name of user |
|  | Edited\_by |  | Varchar | Record first name and last name of user |

# Check in Detail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
| F | Check\_in\_id |  | Int | Relationship with check in table |
| F | service\_id |  | Int | Relationship with room service master |
| F | room\_master\_id |  | Int |  |
| F | Category\_price\_id |  | Int |  |
|  | Room\_no |  | Varchar | Room number checked in |
|  | Check\_in\_date |  | Datetime | Check in date |
|  | Check\_out\_date |  | Datetime | Check out date |
|  | Description |  | Varchar | Record service or product name. Ex. Broke asset hotel |
|  | Qty |  | Int |  |
|  | unit\_price |  | Decimal |  |
|  | Total\_Amount |  | Decimal |  |
|  | Discount |  | Decimal | Percentage |
|  | Discount\_amount |  | Decimal |  |
|  | Tax |  | Decimal | Percentage |
|  | Tax\_amount |  | Decimal |  |
|  | Grand\_total\_amount |  | Decimal |  |
|  | Created\_by |  | Varchar |  |
|  | Edited\_by |  | varchar |  |
|  | Tran\_type | Transaction type | Varchar | SE= Service  RE= Rent Amount  OT=Other |

# Day end

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Day\_end |  | Date | Date of run end of day |
|  | Created\_by |  | Varchar | Record first name and last name of user |
|  | Edited\_by |  | Varchar | Record first name and last name of user |

# Floor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar | Unique key |
|  | Name |  | Varchar |  |
|  | Description |  | Varchar |  |

# Default Color

This table store default color of each status.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Reserved |  | Varchar |  |
|  | Occupied |  | Varchar |  |
|  | Late\_checkout | Late check out | Varchar |  |
|  | Free |  | Varchar |  |
|  | Edited\_by |  | Varchar | Record first name and last name of user |

# Category Master

All room must be group by category. In category store fee of room with 3 types such as day, hour and month. It includes configure price with extra person and single person

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar |  |
|  | Name | Category name | Varchar |  |
|  | Is\_include\_tax |  | Tinyint(1) | True = include tax, false = not include tax |
|  | Tariff |  | Decimal | Rent amount per day |
|  | No\_person | Number of person | Int | Person allowance |
|  | Extra\_person\_charge |  | Decimal | Rent charge for over person allowed |
|  | Tariff\_hour |  | Decimal | Rent amount per hour |
|  | Is\_include\_tax\_hour |  | Tinyint |  |
|  | Tariff\_month |  | Decimal | Rent amount per month |
|  | Is\_include\_tax\_month |  | tinyint |  |
|  | Created\_by |  | Varchar | Record first name and last name of user |
|  | Edited\_by |  | Varchar |  |

# Customer Payment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Receipt\_no |  | Varchar | Auto generate |
|  | Transaction\_date |  | Datetime |  |
|  | Base\_currency\_amount |  | Decimal |  |
|  | Exchange\_rate |  | Decimal |  |
|  | Total\_amount |  | Decimal |  |
| F | Payment\_method |  | Int |  |
| F | Status\_code |  | varchar |  |
| F | Created\_by |  | Int |  |
|  | Remark |  | Text |  |

# Customer Payment Detail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
| F | Customer\_payment\_id |  | Int |  |
| F | Check\_in\_id |  | Int |  |
|  | Amount |  | Decimal |  |

# Category Price

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
| F | category\_id |  | Integer |  |
|  | Name |  | String | Name of price detail |
|  | Charge\_amount |  | Decimal | Amount charge of room fee |
|  | Duration\_time | Duration hour | time | Duration of customer stay  Validate must be smaller than 60 |
|  | Duratoin\_day |  | Int | Number of day |
|  | Allow\_late | Allow late duration | time | Free of charge in these duration allowance |
|  | Extra\_charge |  | Decimal | Amount charge from customer if stay over duration allowanced |
|  | Exd | End extra duration | time | Ending duration of extra duration charge if stayed over Exd it will change to next price level |
|  | Is\_active |  | Boolean |  |
|  | Seq\_no | Sequence number | Int | order price level |
|  | Remark |  | String |  |
|  | Is\_include\_tax |  | Boolean |  |
|  | Is\_charge\_by\_rate |  | Boolean | True = this plan uses for unlimited time when user check in  False = this plan uses for limit duration of stay |

# Room service master

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar | Unique key |
|  | Service\_name |  | Varchar |  |
|  | Abbr |  | Varchar |  |
|  | Is\_include\_tax |  | Tinyint |  |
|  | Tax |  | Decimal | Tax in percentage |
|  | Charge\_amount |  | Decimal |  |
|  | Created\_by |  | Varchar |  |
|  | Edited\_by |  | Varchar |  |

# Room Master

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Room\_no | Room number | Varchar |  |
| F | Category\_id |  | Int | Relationship with table category master |
| F | Floor\_id |  | Int | Relationship with table floor |
| F | Status\_code |  | Int | Relationship with table status |
|  | Extn\_no | Extension number | Varchar | Phone on table. |
|  | Description |  | Varchar | More note or description about this room |

# Room Transaction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
| F | Room\_master\_id |  | Int |  |
|  | Reference\_no |  | Varchar |  |
|  | Transaction\_Date |  | Datetime |  |
|  | Status\_code |  | Varchar |  |
|  | User\_id |  | Int |  |

# Audit tail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Module | Module name | Varchar | Module name in system |
|  | Action |  | Varchar | Note action of user, Ex. Create, check in , payment …. |
|  | Description |  | Text | Description about data of user action |
|  | Created\_by |  | Varchar | Note first name and last name of user in this action |

# Account Category

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Int |  |
|  | Category\_name |  | Varchar |  |
|  | Main\_group |  | Varchar |  |

# Advance collection

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar |  |
|  | Check\_in\_code |  | Varchar | Check code from table checkin |
|  | date |  | Datetime | Transaction date |
|  | Amount |  | Decimal | Amount income |
|  | Room\_no |  | Varchar | Room no from table check in |
|  | Receipt\_no |  | Varchar | Receipt number from table receipt |
|  | Payment\_method |  | Varchar(2) | CA =Cash  CH= Cheque  VI = Visa |
|  | Cheque\_no | Cheque number | Varchar(6) | Reference number when customer payment by cheque |
| F | Eod\_id | End of day | Int | Relationship with table end of day |
|  | Created\_by |  | Varchar | Record first name and last name of user |

# City

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | City |  | Varchar |  |

# Currency

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Currency\_name |  | Varchar |  |
|  | Currencysyb |  | Varchar |  |
|  | Rate |  | Decimal |  |
|  | Exchange\_rate |  | Decimal |  |
|  | Seq\_num |  |  |  |

# Shift

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Abbr | Abbreviation | Varchar(3) |  |
|  | Name |  | Varchar | Shift name |
|  | Start\_time |  | Time |  |
|  | End\_time |  | Time |  |
|  | Description |  | Varchar |  |

# Cashier

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | User\_id |  | Int |  |
|  | Shift\_id |  | Int |  |
|  | Start\_time |  | Time |  |
|  | Is\_active |  | Tinyint |  |
|  | OBDA | Open Balance Default Amount | decimal |  |
|  | Description |  | Varchar |  |

# Cashier Balance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Cashier\_id |  | Int | Relationship with table cashier |
|  | Opened\_date |  | Datetime | Time start open cashier balance |
|  | Closed\_date |  | datetime | Close shift |
|  | Open\_balance |  | Decimal |  |
|  | Close\_balance |  | Decimal |  |
|  | Opened\_by |  | Varchar |  |

# Cashier Balance Detail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Cashier\_id |  | Int | Relationship with table cashier |
|  | Shift\_id |  | Int | Relationship with table shiftr |
|  | Room\_NO |  | Varchar | Room no. |
|  | Receipt\_no |  | Varchar |  |
|  | Payment\_method |  | Varchar(2) | CA =Cash  CH= Cheque  VI = Visa |
|  | Amount |  | Varchar |  |
|  | Transaction\_date |  | Datetime |  |

# Next code

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Module |  | varchar | * Receipt |
|  | CIT | Code include tax | Int | Code for include tax |
|  | CET | Code exclude tax | Int | Code for exclude tax |
|  | Prefix |  | Varchar |  |
|  | Suffix |  | Varchar |  |
|  | Length |  | Int | Number of length not include prefix and suffix |

# Cancel Check In

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar | Auto generate |
|  | Check\_in\_code |  | Varachar |  |
|  | Check\_in\_date |  | Datetime |  |
|  | Room\_no |  | Varachar |  |
|  | Cancel\_date |  | Datetime |  |
|  | Reason |  | Varchar | Reason customer cancellation |
|  | Cancelled\_by |  | Varchar | Record first name and last name of user |

# Discount Config

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Code |  | Varchar |  |
|  | Discount\_percentage |  | Decimal | Set discount to customer in percentage |
|  | Remark |  | Varchar |  |
|  | Created\_by |  | Varachar |  |
|  | Edited\_by |  | Varchar |  |
|  | Is\_deleted |  | Boolean |  |
|  | Deleted\_by |  | Varchar |  |

# Cfg Utilities

|  |
| --- |
|  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P/F | Field Name | Caption | Data Type | Notes |
| P | Id |  | Integer |  |
|  | Util\_name |  | Varchar |  |
|  | Util\_int |  | Integer |  |
|  | Util\_string |  | Varchar |  |
|  | Util\_boolean |  | Boolean |  |
|  | Util\_date |  | Date |  |
|  | Description |  | Varchar |  |